BOAT LIVING

## COMPREHENSIVE RANGE OF COMFORT SYSTEMS FOR MARINE VESSELS

◆▶ DOMETIC

MOBILE LIVING MADE EASY.

Dear Freedom Lover,

There are millions of people around the world who use Dometic products. You all have one thing in common – you're going somewhere. No matter the vessel, our job is to meet your essential needs on the journey. Like cooking, keeping food fresh, taking care of personal hygiene, and maintaining a pleasant temperature. That way, you can explore more, see more and stay away longer. We call it mobile living made easy.

We invite you to go on a journey of discovery. Explore the Dometic world and let us know what we can do for you.
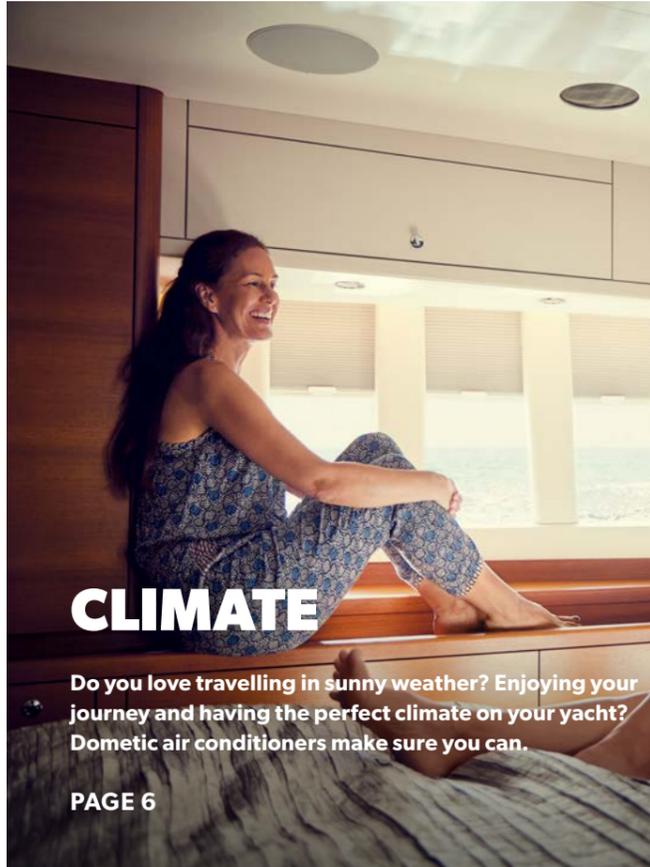
CLIMATE

Do you love travelling in sunny weather? Enjoying your journey and having the perfect climate on your yacht? Dometic air conditioners make sure you can.

PAGE 6

FOOD & BEVERAGE

Cook what you like, eat with friends, and keep your provisions nice and fresh throughout the journey. We have taken care of every detail.

PAGE 114

POWER & CONTROL

Smart electronics and handy accessories ensure you will always have enough power on board, even in remote locations where mains power is unavailable.

PAGE 156

HYGIENE & SANITATION

Enjoy a pleasant feeling of freshness on board wherever the water takes you. Reap the benefits of our decades of research into mobile sanitation systems.

PAGE 168

Note: Product and colour availability is subject to geographies/regions – please enquire with your Dometic Sales representative.

CLIMATE

STAY COOL

Marine climate systems suitable for retrofit application

Whether you have a small leisure boat or a super yacht with multiple cabins, Dometic can always provide a tailor-made air conditioning solution that is a perfect fit for you and your travel habits. Here is the essence of our retrofit programme: self-contained, split, chiller systems; useful accessories for installation, energy management and clean air on board; not forgetting – our well-proven complete kits for self-installation. We also offer a powerful service network to provide customer assistance anywhere in the world.
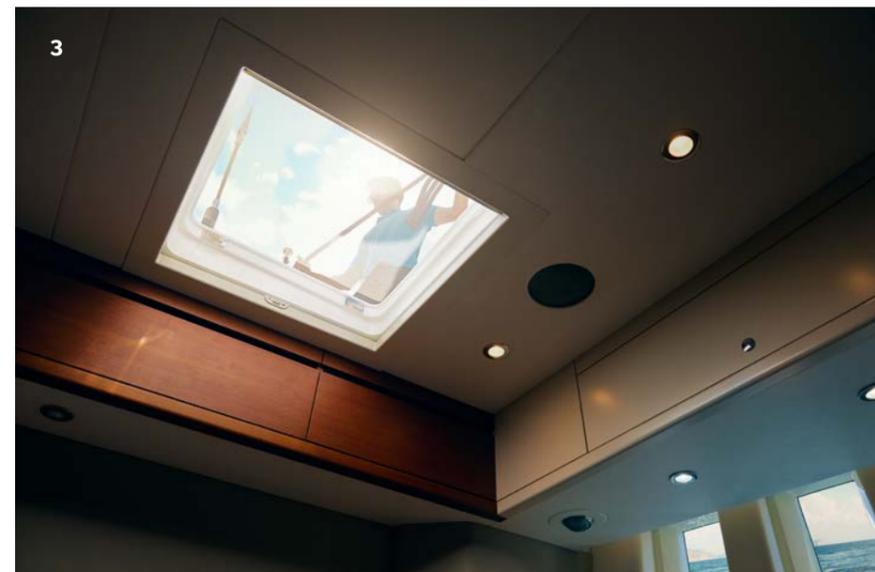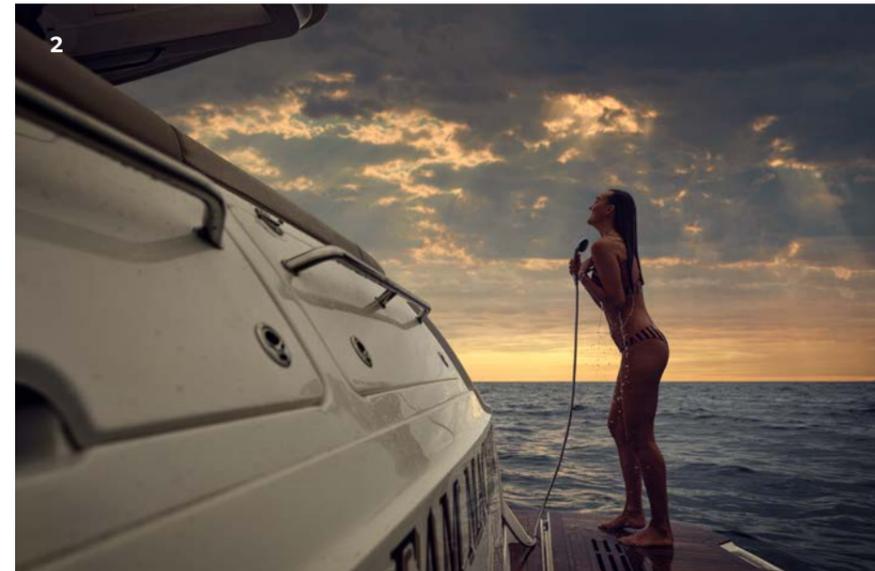
1. Air Conditioning
Dometic provides a wide range of climate systems suitable for all applications, including OEM installation, aftermarket and retrofit. Our products are available in a variety of capacities and have won numerous awards over the years, including the Miami Boat Show Innovation Award and, most recently, a METSTRADE DAME Award.

2. Accessories
All you need for easy installation and convenient use: ventilation grilles, air distribution kit, air purifier, centrifugal seawater pumps, stylish and smart displays, and controls.

3. Blinds
Dometic offers a wide range of handmade pleated, roller, roof & hatch, and Venetian blinds helping to create the ideal onboard environment.

Contents, specifications and availability are subject to change in the interests of technical improvement.

PLANNING AN AIR CONDITIONING SYSTEM FOR YOUR BOAT

In order to find the ideal air conditioning solution for your boat or yacht, you should consider the following six factors*:

1. Calculating the required system capacity

To calculate the required A/C capacity, divide your boat into three areas:

Below deck: Cabins where the hull slopes inward toward the keel with minimal port lights and hatches.

Mid-deck: Areas on the main deck with small or shaded windows.

Above deck: Areas with large glass surfaces and direct sunlight. Calculate the area of each space to be air-conditioned.

It is assumed that your boat has an average headroom of about 6.5 feet (2 metres). Next, multiply the area by its load factor to determine the required capacity in BTU/h. Use the table below to find the appropriate load factor for each space and for different locations.

Climate	Below Deck	Mid Deck	Above Deck
	Load factor, BTU/h per ft²		
Temperate[1]	60	90	120
Tropical[2]	90	120	150
Arabic Gulf[3]	120	150	180
	Load factor, BTU/h per m²		
Temperate[1]	646	969	1,292
Tropical[2]	969	1,292	1,615
Arabic Gulf[3]	1,292	1,615	1,938

1. 95 °F (35 °C) air, 95 °F (35 °C) seawater, moderate humidity.
2. 105 °F (41 °C) air, 95 °F (35 °C) seawater, high humidity.
3. 122 °F (50 °C) air, 104 °F/40 °C seawater, 95% humidity.

2. The number of units needed and their location(s)

Both are determined by the size and layout of the boat and space limitations for the installation of ducting and plumbing. Consider which areas require their own cabin control and which cabins will be supplied by ducting or a secondary air handler. Temperature control is then only possible by reducing the airflow with an adjustable grille or by controlling the fan speed.

Please ensure that there is enough space around the unit for servicing and the installation of an air outlet duct to a high point in the cabin.

When designing air distribution ductwork, it is important to keep note of air return and supply. Air must have a way to return to the air handler. Taking air from one room and ducting to another may cause negative and positive pressure issues. Negative spaces may become dangerous as make-up air may come from bilges or engine rooms.

3. The seawater cooling system

This system consists of a through-hull fitting, a seacock (water valve), a seawater filter, a pump, a seawater discharge fitting, and a hose or pipe. Dometic recommends centrifugal seawater pumps because of their maximum efficiency and long service life. The ideal solution calls for all onboard air conditioning systems to use a single pump, which must of course have sufficient capacity. The basic rule for calculating the required capacity assumes a flow rate of 3 gal/min (11.3 L/min) per ton of air conditioning (1 ton = 12,000 BTU/h). See the table below for examples.

System Capacity	Seawater Flow Rate	Through-Hull Inlet Size
12,000 BTU/h (3,517 W)	3 gal/min (11 L/min)	1/2 in (13 mm)
24,000 BTU/h (7,034 W)	6 gal/min (23 L/min)	3/4 in (19 mm)
48,000 BTU/h (14,067 W)	12 gal/min (45 L/min)	1 in (25 mm)

4. Duct and grille sizes

Cross-section and size are based on the air conditioning system's capacity in BTU/h. (1 ton = 12,000 BTU/h). See the table below for examples.

System Capacity	Duct Diameter	Supply-Air Grille	Return-Air Grille
6,000 BTU/h (1,758 W)	4 in (10.16 cm)	32 sq in (206 cm²)	64 sq in (413 cm²)
8,000 BTU/h (2,344 W)	5 in (12.7 cm)	48 sq in (310 cm²)	80 sq in (516 cm²)
10,000 BTU/h (2,931 W)	6 in (15.2 cm)	60 sq in (387 cm²)	100 sq in (645 cm²)
12,000 BTU/h (3,517 W)	6 in (15.2 cm)	70 sq in (452 cm²)	130 sq in (839 cm²)
16,000 BTU/h (4,689 W)	7 in (17.8 cm)	80 sq in (516 cm²)	160 sq in (1,032 cm²)
18,000 BTU/h (5,275 W)	7 in (17.8 cm)	100 sq in (646 cm²)	200 sq in (1,291 cm²)
27,000 BTU/h (7,913 W)	8 in (20.4 cm)	140 sq in (904 cm²)	240 sq in (1,549 cm²)
30,000 BTU/h (8,792 W)	2 × 6 in (2 × 15.2 cm)	150 sq in (968 cm²)	250 sq in (1,613 cm²)

5. Cabin Controls

Dometic offers a complete line of cabin controls that can be found in the catalogue.

6. Electrical requirements

All Dometic air conditioning systems are available in 50 Hz or 60 Hz versions and in all standard voltages. All electrical information is listed in the product data sheets. When at port, the power connection must also be dimensioned accordingly. For easy start-up with less current, see the SmartStart product later in the catalogue.

* These methods are for estimation only. Detailed heat load analysis is required for exact BTU/h requirements.

THE THREE TYPES OF MARINE AIR CONDITIONING

Self-Contained Systems

All major components (compressor, condenser, evaporator, and blower) are mounted on a single chassis, which is installed under a bunk, settee, or in a locker.

An air-conditioning unit of this type can either cool a single cabin or can be connected to two or more cabins by ductwork.

The ideal solution for boats up to 40 ft (12 m) due to lower cost of units and installation.
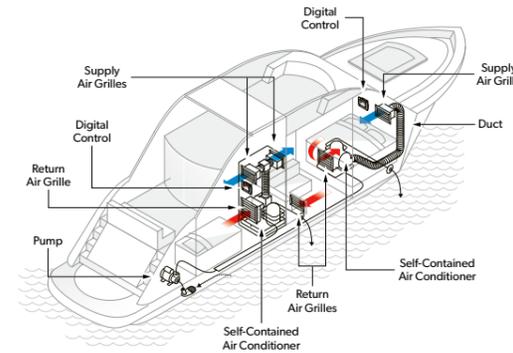
Split-Gas Systems (also called Centralized A/C)

In these systems, the condenser and evaporator units are installed separately at different locations. The two components are then connected via insulated copper refrigerant tubing connects. **Note:** the maximum length of refrigerant tubing is 50 ft (15 m).

- The condensing unit (compressor, seawater condenser, and electrical components) mounts in engine room or other mechanical space.
- The evaporator unit installs in the living area.

Two air handlers can be connected to one condensing unit to cool multiple cabins or a single large area, providing a space-saving, quiet A/C solution.

Ideal for boats up to 80 ft (24 m). **Note:** the system must be charged with refrigerant by a certified technician.
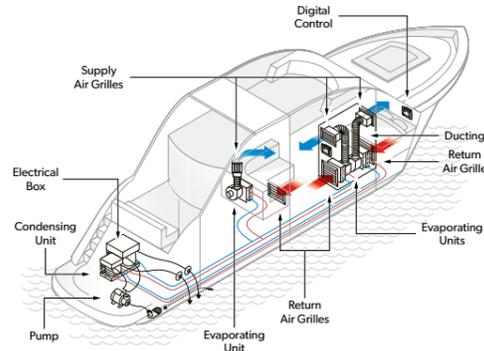
Chilled (Circulated) Water Systems

Installed in the engine room, the chiller circulates cold or hot fresh water in a closed circuit to all of the rooms to be air-conditioned. Air handlers then cool or heat the living spaces. These systems require two pumps; one for the sea water and another for the chilled water.

Chillers offer flexible load management and a reduced peak electrical load.

Chiller systems are well suited for boats over 80 ft (24 m). This is because there is no limitation on the number of air handlers in a system, or on the distance from the chiller to the air handlers.

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A COOLER, CLEANER FUTURE

Dometic G-Series Air Conditioning
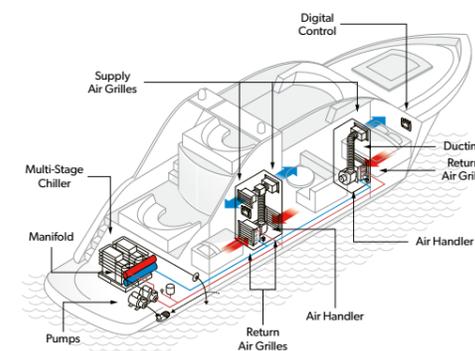
The introduction of a new refrigerant (R-454B) to our marine air conditioning systems is part of a suite of business improvements aimed at reducing environmental impact.

The new refrigerant reduces Global Warming Potential (GWP) by 78% compared to the widely used R-410A, setting a new standard for responsibility and sustainability in the industry.

Refrigerants play a critical role in climate control systems, but when released into the atmosphere, they contribute to global warming due to their high Global Warming Potential (GWP).

GWP is a measure of how much heat a greenhouse gas traps in the atmosphere over a specific time compared to carbon dioxide.

Dometic acknowledges the impacts that refrigerants can have on the environment and remains invested in making sustainability improvements across the business.

Refrigerants are only harmful when they escape into the atmosphere, typically due to leaks or improper disposal at the end of a system's life. When contained within a sealed system, they pose no direct environmental impact.

Innovating for tomorrow

Advancing sustainability within our industry is a core principle in Dometic's mission. R-454b technology goes beyond industry standards, providing an additional 30% reduction in Global Warming Potential when compared to the new A2L refrigerants. By exceeding current standards, Dometic is ready for future regulations on environmental impact.

Global Warming Potential (GWP)

2088GWP	**68%** GWP REDUCTION	**78%** GWP REDUCTION
	675GWP	**30%** GWP REDUCTION **466**GWP
R-410A (Current)	**A2L Refrigerants (R-32)**	**R-454b (Dometic)**
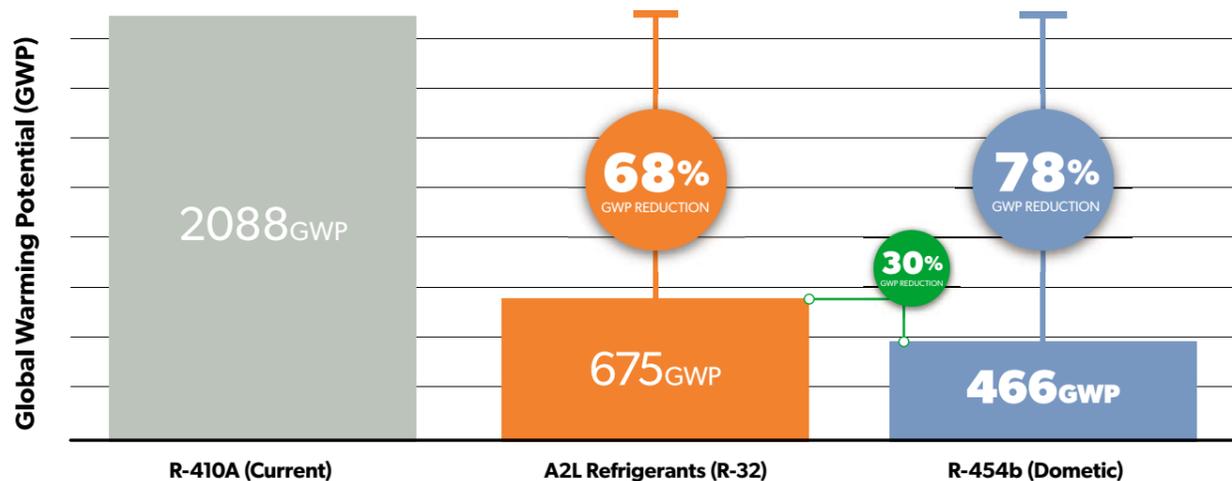
Why choosing the right refrigerant matters

The refrigerant in your air conditioning system affects more than just cooling your space – it has a significant impact on the environment. Older refrigerants like R-410A have a high Global Warming Potential (GWP), which contributes to climate change when released into the atmosphere. By transitioning to next-generation refrigerants with lower GWP, you can reduce the environmental risks associated with refrigerant use while maintaining reliable comfort. Choosing refrigerants thoughtfully helps create a more sustainable future without sacrificing the performance you depend on.

INTRODUCING THE G-SERIES A/C

	GTX Series	GVTX Series
Compact Design	Yes	Yes
Reverse Cycle Heat & Cool	Yes	Yes
Service Ports	Yes	Yes
Rotatable Blower	Yes	Yes
Composite Anti-Slosh Drain Pan	Yes	Yes
Titanium Long-Life Condenser	Yes	Yes
Noise Reduction Sound Cover	Optional	Yes
Low Amp Easy Startup	Optional	Yes
Network Connectivity	Optional	Yes
Eco Low Power Mode		Yes
Ultra Quiet Blower		Yes
Variable Capacity High-Efficiency Compressor		Yes

DOMETIC GTX
SELF-CONTAINED A/C

Designed from the inside out with multiple patented innovations, the GTX continues to evolve with even more enhanced design features and options. Utilizing robust titanium condenser rated for harsh conditions and long life.

INCREASED EFFICIENCY
SAVES POWER

TITANIUM CONDENSER
ROBUST CONSTRUCTION

DUAL FREQUENCY
ACCEPTS 50 OR 60 HZ
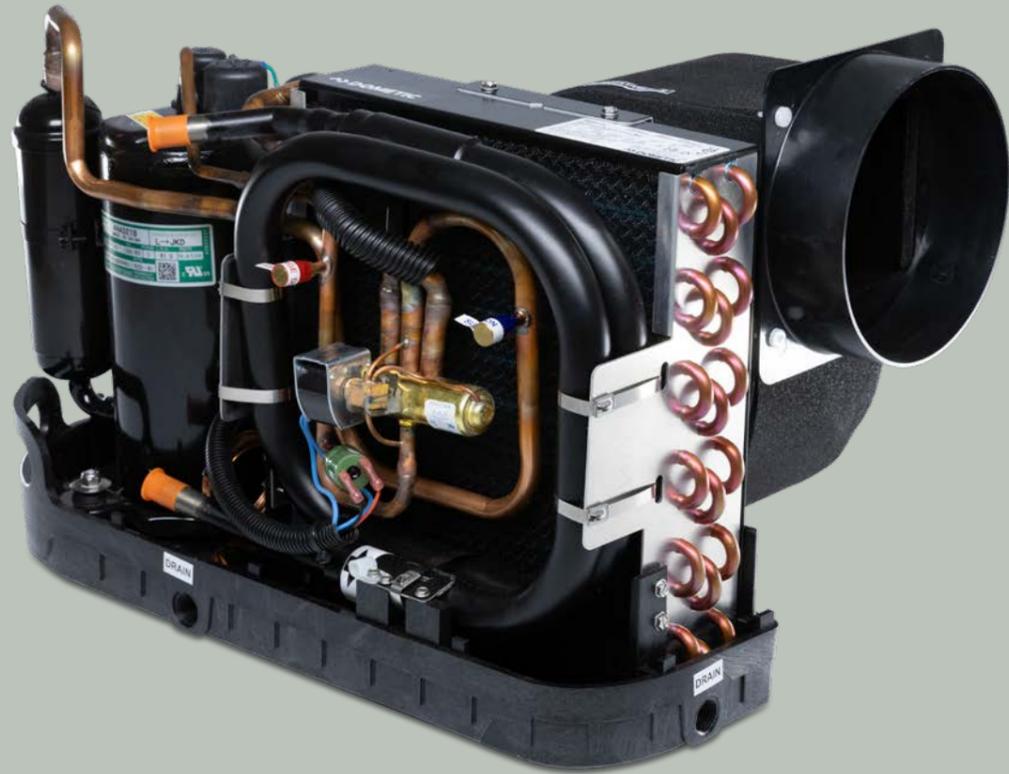
115 V / 50 Hz / 60 Hz
230 V / 50 Hz / 60 Hz

6,000–
16,000 BTU/h

REVOLUTIONARY INNOVATION

The GTX series completely revolutionized self-contained boat air conditioning with patented innovations in system design. Energy efficient, high capacity, and compact, the GTX is a tough but elegant solution that keeps getting better.

Technicians often encounter a tight squeeze when installing a new A/C unit on a boat, but the GTX was designed to make installation fast and simple.

Key benefits

- Operates at 50 or 60 Hz; lower voltage units will run 100–120 volts 50/60 Hz and higher voltage units will run 200–240 volts 50/60 Hz
- Special coating on the evaporator coil helps shed water more quickly, which minimizes corrosion
- Channels in the drain pan guide water directly to multiple drainlocations, regardless of the boat's heeling angle
- Rotate the blower up to 270° to find the perfect ducting angle using a single adjustment screw
- Critical components are easily accessible for simplified servicing

Quiet Operation
Multiple cushioned vibration mounts are inserted into the bottom of the molded drain pan, and specially designed mounting clips isolate the unit's vibration from the mounting surface. This minimizes operating noise. For an even quieter system, add the optional compressor sound shield.

Rapid Drainage
The rust-free molded composite drain pan has three drains for rapid removal of condensate water. Channels built into the pan guide water directly to the drain locations, regardless of which way the boat is heeling.
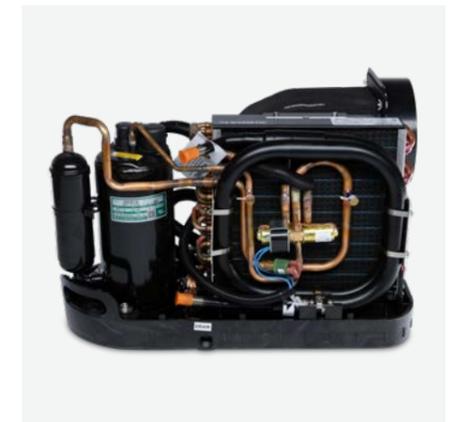
Compact size
At the same time the GTX was designed to be more powerful it was also designed to be smaller in height and depth so it could easily fit into more spaces. There is no blower-motor overhang, and the drain pan has a small footprint.

Dometic GTX

Marine Climate System

MODEL[1]	GTX6			GTX8			GTX10		
Capacity (BTU/h)	6,000			8,000			10,000		
Voltage (V)	115	230	230	115	230	230	115	230	230
Cycle (Hz) **/Phase** (Ph)	60 / 1	60 / 1	50 / 1	60 / 1	60 / 1	50 / 1	60 / 1	60 / 1	50 / 1
Full Load Amps (FLA) Cool (A)	4.4	2.0	1.9	5.5	2.9	3.2	6.3	3.2	3.1
Full Load Amps (FLA) Heat (A)	5.8	2.6	2.4	6.9	3.7	3.8	8.1	4.1	3.9
Full Load Amps (FLA) Blower (A)	0.8	0.4	0.4	1.3	0.7	0.8	1.1	0.6	0.5
Locked Rotor Amps (LRA) (A)	25.5	10.0	10.9	28	15.0	16.8	41.5	21.0	24.4
Max. Circuit Breaker (A)	18	9	8	21	12	12	29	15	15
Min. Circuit Ampacity (A)	10	5	4	12	7	7	17	9	8
Refrigerant Type	410A			410A			410A		
Max. Height (in/cm)	11.4 / 29.0			11.6 / 29.5			12.2 / 31.0		
Max. Width (in/cm)	17.8 / 45.2			17.8 / 45.2			20 .4 / 51.8		
Max. Depth (in/cm)	10.7 / 27.2			10.7 / 27.2			12.4 / 31.5		
Min. Duct Size Diameter (in/cm)	4 / 10.16			5 / 12.7			6 / 15.2		
Min. Supply Air Grille Size (sq in/cm²)	32 / 206			48 / 310			60 / 387		
Min. Return Air Grille Size (sq in/cm²)	64 / 413			80 / 516			100 / 645		
Net Weight (lbs/kg)	38.0 / 17.2	38.0 / 17.2		41.0 / 18.6	43.0 / 19.5		53.0 / 24.0	52.0 / 23.6	
Gross Weight (lbs/kg)	44.0 / 20.0	44.0 / 20.0		48.0 / 21.8	50.0 / 22.7		62.0 / 28.1	61.0 / 27.7	

1. BTU and electrical data are based on a 45 °F/7.2 °C evaporator and 100 °F/37.8 °C condenser in cool mode, and a 45 °F/7.2 °C evaporator and 130 °F/54.4 °C condenser in heat mode.
2. Electric box is remote mounted up to 3 in (86 cm) away from compressor. E-box dimensions are 2.7 × 6.5 × 8.8 in (6.9 × 16.5 × 22.4 cm).

Height
Depth
Width
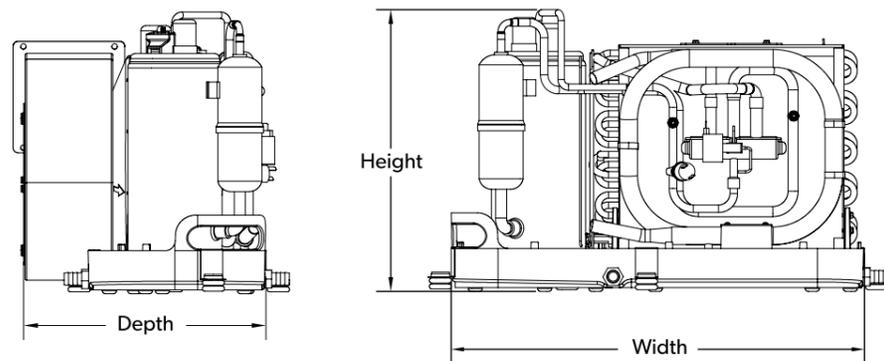
Dometic GTX

Marine Climate System

MODEL[1]	GTX12			GTX16		
Capacity (BTU/h)	12,000			16,000		
Voltage (V)	115	230	230	115	230	230
Cycle (Hz) **/Phase** (Ph)	60 / 1	60 / 1	50 / 1	60 / 1	60 / 1	50 / 1
Full Load Amps (FLA) Cool (A)	7.7	3.8	4.4	10.3	5.5	4.7
Full Load Amps (FLA) Heat (A)	10.2	5.0	5.2	13.4	7.0	6.0
Full Load Amps (FLA) Blower (A)	1.1	0.6	0.5	1.6	0.8	0.6
Locked Rotor Amps (LRA) (A)	50.5	26.7	28.4	61.0	26.9	29.4
Max. Circuit Breaker (A)	35	19	18	44	23	21
Min. Circuit Ampacity (A)	20	11	10	25	13	12
Refrigerant Type	410A			410A		
Max. Height (in/cm)	12.2 / 31.0			13.3 / 33.8		
Max. Width (in/cm)	20.4 / 51.8			21.5 / 54.6		
Max. Depth (in/cm)	12.4 / 31.5			13.3 / 33.8		
Min. Duct Size Dia (in/cm)	6 / 15.2			7 / 17.8		
Min. Supply Air Grille Size (sq in/cm²)	70 / 452			80 / 516		
Min. Return Air Grille Size (sq in/cm²)	130 / 839			160 / 1032		
Net Weight (lbs/kg)	53.0 / 24.0	53.0 / 24.0		57.0 / 25.9	58.0 / 26.3	
Gross Weight (lbs/kg)	62.0 / 28.1	62.0 / 28.1		66.0 / 29.9	67.0 / 30.4	

1. BTU and electrical data are based on a 45 °F/7.2 °C evaporator and 100 °F/37.8 °C condenser in cool mode, and a 45 °F/7.2 °C evaporator and 130 °F/54.4 °C condenser in heat mode.
2. Electric box is remote mounted up to 3 in (86 cm) away from compressor. E-box dimensions are 2.7 × 6.5 × 8.8 in (6.9 × 16.5 × 22.4 cm).

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DOMETIC GVTX VARIABLE CAPACITY A/C

GVTX Series self-contained units, now with low GWP refrigerant provide variable capacity cooling and heating for maximum system efficiency.

QUIET OPERATION
VARIABLE CAPACITY

ELECTRONIC EXPANSION VALVE
PRECISE CONTROL

TITANIUM CONDENSER
ROBUST CONSTRUCTION

**100–240 V /
50–60 Hz / 1-Ph**

**3,500–
18,000 BTU/h**

HIGH EFFICIENCY COOLING IN A COMPACT PACKAGE

The GVTX system in typical applications can run at low speeds maintaining the temperature in your vessel. At the lower speeds, you will see a 40 % reduction in system noise, resulting in very quiet operation. The GVTX is also equipped with a sleep mode function that allows for a quiet and uninterrupted great night's sleep.

The GVTX provides the ultimate in temperature and humidity control. Longer cycles at lower speeds help maintain even temperatures throughout the vessel, and hot spots and stale air pockets are eliminated. In many instances, you'll enjoy a better level of comfort at a higher thermostat setting.

Key benefits and features

- R454B Low GWP refrigerant
- Available in 3.5–10k, 6–18k BTU (2 units – 2 SKUs)
- Available in 115V and 230V/50Hz–60Hz/1ph
- Variable capacity compressor
- Titanium condenser coil
- BLDC high-velocity rotatable blower
- Reverse cycle heat

30TH DAME CATEGORY WINNER 2021

Variable Capacity
GVTX variable capacity unit available in two size options that will provide cooling from 3,500 to 18,000 BTU/h.

DC Blower
Includes a high static DC blower.

Compact Size
Retro-fittable for GVTX units.

Titanium Condenser
Robust design.

Sound Cover
Quiet operation.
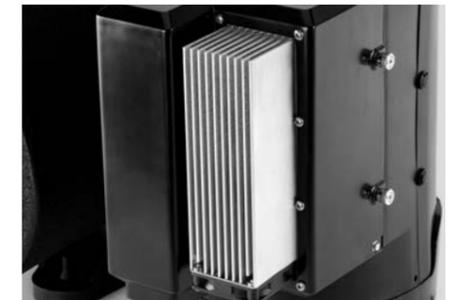
Removable Electric Box
Can be remote mounted.

DOMETIC GVTX-DC BATTERY-POWERED A/C

Engineered for efficiency, built for battery-powered freedom.

DIRECT 48DVC INPUT
NO CONVERTERS NEEDED

SMART BATTERY MONITORING
PREVENTS POWER DRAIN

FULL VARIABLE TECHNOLOGY
MAXIMIZES ENERGY EFFICIENCY
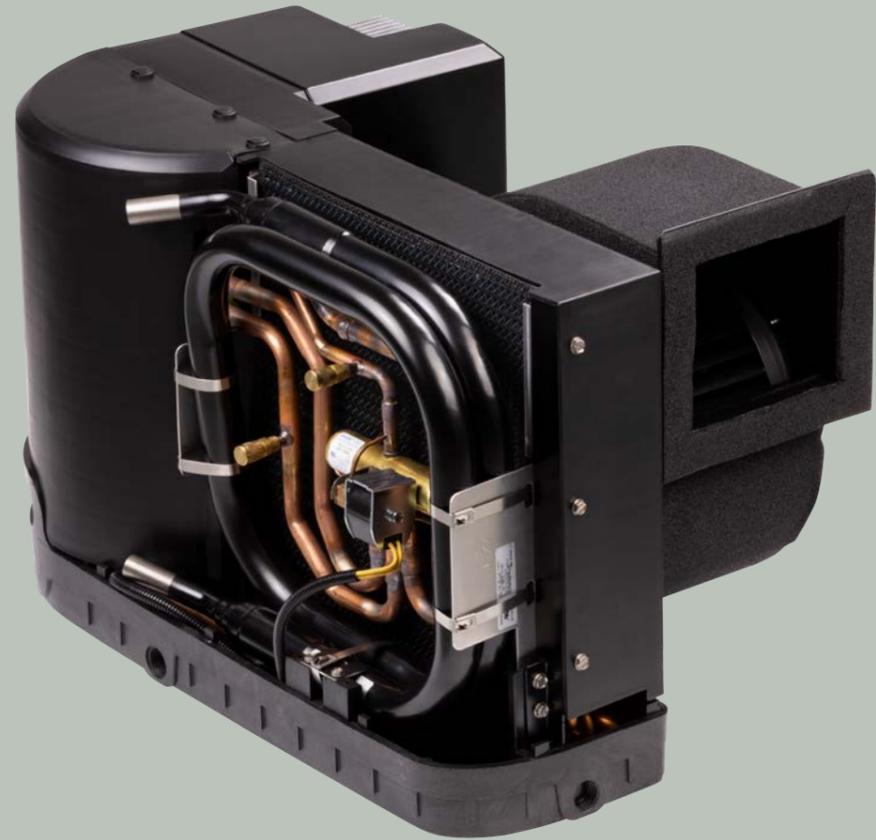
48 V DC

3,500–18,000 BTU/h

G-SERIES GVTX VARIABLE CAPACITY SELF-CONTAINED SYSTEM

The GVTX-DC is a next-generation A/C system designed for electric and hybrid vessels. Built on the GVTX platform, it delivers efficient, intelligent performance in a compact, service-friendly form.

Powered directly by 48VDC, it eliminates the need for AC-DC converters, boosting efficiency and simplifying installation. Its variable capacity compressor adjusts output to real-time demand, reducing power draw.

An integrated battery monitoring system protects against over-discharge for longer, safer off-grid operation. Sharing its platform with the high-voltage version, GVTX streamlines manufacturing and service while offering quiet, modular comfort for a wide range of vessels.

Key benefits and features

NEW

- Direct 48 V DC input
- R454B Low GWP refrigerant
- Variable capacity compressor
- Titanium condenser coil
- BLDC high velocity rotatable blower
- Reverse cycle heat
- Composite positive flow condensate pan
- Standard sound cover
- No starting amperage
- Built-in network hardware NEMA2000
- The electric box can be remote mounted
- CE compliant

Variable Capacity
GVTX variable capacity unit available in two size options that will provide cooling from 3,500 to 18,000 BTU/h.

Direct 48 V DC input
Operates directly from 48 V battery bank with no adapters required.

Titanium Condenser
Robust design.

Dometic GVTX / GVTX-DC

Marine Climate System

MODEL	GVTX10		GVTX18	
Voltage (V)	100–240	48	100–240	48
Capacity (BTU/h)	3,500–10,000	6,0000–10,000	6,000–18,000	12,000–18,000
Cycle (Hz)	50 or 60	–	50 or 60	–
Min. Capacity Input Power* (W)	140	140	200	200
Full Capacity Input Power* (W)	723	723	1256	1256
Max. Circuit Breaker 115V (A)	15	–	20	–
Max. Circuit Breaker 230V (A)	10	–	10	–
Max. Circuit Breaker 48V (A)	–	30	–	50
Refrigerant Type	R454B		R454B	
Height* (in/mm)	12.3 / 312.4		13.6 / 345.4	
Width* (in/mm)	18.3 / 464.8		21.8 / 553.7	
Depth-ebox on unit (in/mm)	12.6 / 320		13.2 / 337.8	
Depth-ebox remote (in/mm)	10.8 / 274.1		13.2 / 335.3	
Gross Weight	49 / 22		61 / 28	
Net Weight	41 / 19		51 / 23	
Height-Electrical Box (in/mm)	9.8 / 248.9		9.8 / 248.9	
Width-Electrical Box (in/mm)	6.9 / 175.3		6.9 / 175.3	
Depth-Electrical Box (in/mm)	6.3 / 160		6.3 / 160	
Recommended Duct Size** (in/mm)	6 / 152		7 / 178	
Condenser Hose (in/mm)	–	0.6 / 16	–	0.6 / 16

*   In cool mode at 85°F / 29.4°C water and seawater pump not included.
** Duct size may change based on BTU load requirements.

VOYAGER 18K

VOYAGER 10K
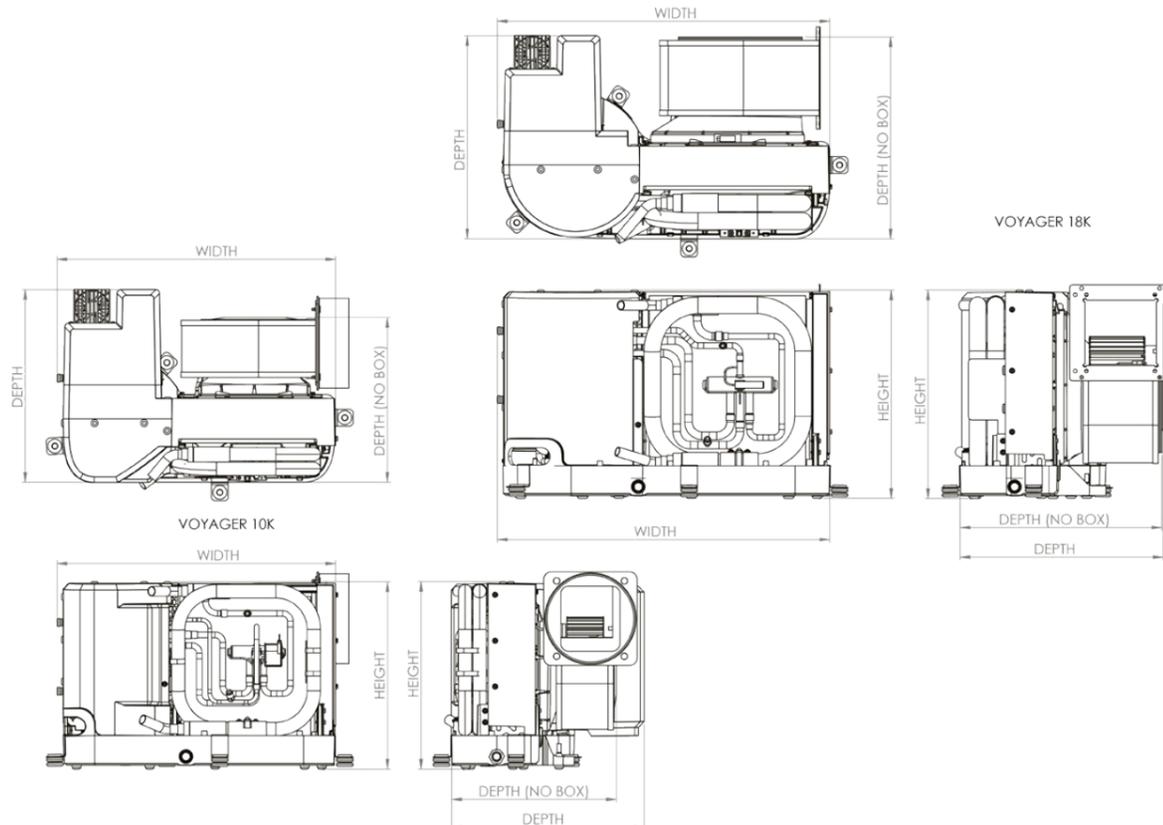
INDEPENDENT CONTROL FOR PERSONAL COMFORT

Intuitively designed touch screen, with an easy-to-understand user menu. 2.4" LCD screen with vivid colour and clarity. Combine the display with the Vimar Eikon bezel to coordinate with any room décor. Display Bezel sold separately.

ECO Mode

Operational capacity is critical when boats are powered by small generators, unreliable shore power, or batteries. To help extend running time and limit power usage, the GVTX offers ECO mode. When enabled, ECO mode limits the maximum power used by the unit. This results in a significant reduction in required current and an increase in energy efficiency. By reducing the unit's maximum capacity, customers can enjoy extended comfort throughout their boats.

ECO mode can be enabled and adjusted through the Functions screen via a simple interface. The mode is indicated on the main screen by a leaf symbol.

SLEEP Mode

A good night's rest is important, especially when you are on your boat. The GVTX allows users to enable sleep mode to limit the maximum speed of the fan, reducing disturbances during the night. Sleep mode ensures the fan runs consistently, unlike the on/off cycling of traditional air conditioning systems. If the GVTX is overly restricted in sleep mode, the unit will bypass this mode to bring your space back to a comfortable temperature.

SLEEP mode can be enabled and adjusted through the Functions screen via a simple interface. The mode is indicated on the main screen by a leaf symbol.

Scheduling

It can be frustrating to constantly adjust your thermostat throughout the day. Why waste energy cooling or heating your stateroom when you only enter the room at night? With the GVTX scheduling system, you can time temperature adjustments to match your needs, saving both time and energy. The scheduling feature also allows customers to set ECO and SLEEP modes and select specific days of the week.

Zoning

Using multiple units to cool the same space is common in the boating industry, as it provides flexibility and redundancy for the cooled zone. The GVTX supports zoning over the NMEA 2000 network, enabling control of multiple units with a single display. This feature reduces the number of displays on board and provides a clean, unified interface for controlling the zone. Once units are connected via the NMEA 2000 network, the zones can be easily found and selected through the Parameters menu.

Dometic VMD 2.5 Display

For further details see p. 80

Contents, specifications and availability are subject to change in the interests of technical improvement.

Dometic DCU Self-contained High-capacity Compact A/C

Engineered to harness and maximize the impressive performance of environmentally safe R410A refrigerant. These units offer direct expansion operation in a compact, low-profile unit with a seawater-cooled condenser and choice of controls.

- Compact design
- High-velocity fully insulated blowers are rotatable
- Patented design increases cooling capacity and dehumidification
- Condenser coil's cupronickel-encased copper coil provides maximum heat transfer and high resistance to corrosion
- Evaporator coil employs an enhanced fin design and rifled copper tubing to provide maximum capacity

115 V/60 Hz/1-Ph
230 V/60 Hz/1-Ph
220–240 V/50 Hz/1-Ph
380 V/50 Hz/3-Ph

18,000 – 30,000 BTU/h

Dometic DLU Self-contained Low-profile A/C

Low-profile self-contained boat air conditioner designed for unique applications. Can be installed in height-restrictive spaces.

- Stands only 8 in/203 mm high
- Unique horizontal compressor
- 16,000 BTU cooling and heating
- High-efficiency, ductable dual tangential blowers
- Ideal for flybridge, cockpit, and on-deck installations
- Engineered to maximize the performance
- 304-grade stainless-steel drain pan for long service life

115 V/60 Hz/1-Ph
230 V/60 Hz/1-Ph
220–240 V/50 Hz/1-Ph

16,000 BTU/h

Dometic Cuddy DC II DC-powered A/C

Ideal for sailboats and powerboats, it can be operated directly from batteries or used dockside with a suitable battery charger. It provides 3,500 BTU of cooling capacity and draws only 30 amps (without circulating pump).

- Ideal for small cabins, sailboats, and powerboats
- 12 V DC-powered air conditioning system
- Provides 3,500 BTU of cooling power
- Under-voltage protection at 10.5 V
- Dependable and easy to install
- Stainless steel insulated base pan
- High-performance evaporator coil

12 V

3,500 BTU/h

Contents, specifications and availability are subject to change in the interests of technical improvement.

Dometic DCU

Marine Climate System

MODEL [1]		DCU18		DCU27		DCU30	
Capacity [2] (BTU/h)		18,000		27,000		30,000	
Voltage (V)	115	230	220	230	220	230	380
Cycle [3] (Hz)/**Phase** (Ph)	60/1	60/1	50/1	60/1	50/1	60/1	50/3
Full Load Amps (FLA) Cool (A)	11.1	6.4	5.7	8	7.6	9.7	4.96
Full Load Amps (FLA) Heat (A)	15.1	8.3	7	11.2	11	12.8	5.96
Full Load Amps (FLA) Blower (A)	1.93	1.15	1.15	1.64	1.64	1.76	1.56
Locked Rotor Amps (LRA) (A)	66	32	26	58.3	60	53	38
Max. Circuit Breaker (A)	45	20	20	45	40	35	15
Min. Circuit Ampacity (A)	27	13	13	27	24	21	10
Refrigerant Type		410A		410A		410A	
Height-Coil [4] (in/mm)		14 / 356		18 / 458		n / a	
Height-Blower [4] (in/mm)		15.5 / 394		19.25 / 489		n / a	
Height-Compressor [4] (in/mm)		n / a		n / a		15 / 381	16.5 / 420
Width [4] (in/mm)		21 / 534		24.75 / 629		25 / 635	
Depth (in/mm)		12 / 305		15.25 / 388		23 / 585	
Min. Supply Duct Size (in/mm)		7 / 178		8 / 204		5 / 127	
Quantity-Duct Connections		1		1		2	
Min. Supply Air Grille Size (sq in/cm²)		100 / 646		140 / 904		150 / 968	
Min. Return Air Grille Size (sq in/cm²)		200 / 1291		240 / 1549		250 / 1613	
Seawater Inlet Connection (in/mm)		0.625 / 16		0.625 / 16		0.625 / 16	
Net Weight [5] (lbs/kg)	64 / 29.1	69.45 / 31.6	70 / 31.8	120 / 54.5		108.25 / 49.2	TBD
Gross Weight [5] (lbs/kg)	73 / 33.2	81 / 36.8	82 / 37.2	130 / 59		125 / 57.4	TBD

1. To complete the model numbers for a specific voltage/cycle/phase, add a '-1161' for 115V/60Hz/1-Phase, or '-2361' for 230V/60Hz/1-Phase, followed by '-410A' (e.g. 'DCU27-2361-410A').
2. TU and electrical data are based on a 45°F/7.2°C evaporator and 100°F/37.8°C condenser in cool mode, and a 45°F/7.2°C evaporator and 130°F/54.4°C condenser in heat mode.
3. 60Hz units must not operate at 50 Hz and 50 Hz units must not operate at 60Hz unless data plate states otherwise
4. All dimensions ±0.30 in/8 mm.
5. All weights ± 10%.

Dometic Cuddy DC II

Marine Climate System

MODEL [1]	CUDDY DCII
Capacity [1] (BTU/h)	3,500
Voltage (V)	12
Min. Voltage (V)	10.5
Full Load Amps (FLA) Cool (A)	29.2
Full Load Amps (FLA) Blower (A)	2.7
DC Power Requirement (A)	30
Max. Circuit Breaker (A)	50
Min. Circuit Ampacity (A)	42
Refrigerant Type	R-134A
Height (in/mm)	10.86 / 276
Max. Width (in/mm)	18.62 / 473
Widt-Drain Pan (in/mm)	17.00 / 432
Depth (in/mm)	9.5 / 242
Min. Duct Diameter (in/mm)	4 / 102
Min. Supply, Air Grille (sq in/cm²)	12 / 30
Min. Return, Air Grille (sq in/cm²)	64 / 163
Water Connections (in/mm)	0.63 / 16
Net Weight (lbs/kg)	35 / 15.9
Gross Weight (lbs/kg)	45 / 20.4

1. BTU and electrical data are based on a 45°F/7.2°C evaporator and 100°F/37.8°C condenser in cool mode.
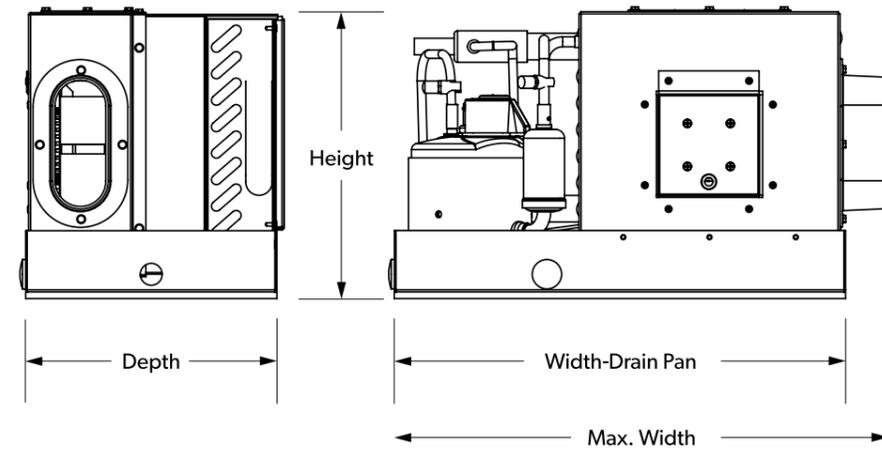
Dometic DLU

Marine Climate System

MODEL[1]		DLU16	
Capacity[2] (BTU/h)		16,000	
Voltage (V)	115	230	240
Cycle[3] (Hz)/Phase (Ph)	60/1	60/1	50/1
Full Load Amps (FLA) Cool (A)	12.8	4.7	4.42
Full Load Amps (FLA) Heat (A)	15.5	6.2	5.82
Full Load Amps (FLA) Blower (A)	2	0.86	0.62
Locked Rotor (LRA) (A)	63	29	26
Max. Circuit Breaker (A)	40	20	15
Min. Circuit Ampacity (A)	24	14	11
Refrigerant Type		410A	
Height[3] (in/mm)		8 / 204	
Width[4] (in/mm)		30.25 / 769	
Depth[4] (in/mm)		14 / 356	
Min. Supply Duct Size Diameter (in/mm)		5 / 127	
Quantity-Duct Connections		2	
Min. Supply Air Grille Size (sq in/cm²)		80 / 517	
Min. Return Air Grille Size (sq in/cm²)		160 / 1033	
Seawater Inlet Connection (in/mm)		0.in/16	
Net Weight[4] (lbs/kg)	53.0 / 24.0	65 / 29.5	72.25 / 32.8
Gross Weight[4] (lbs/kg)	80 / 36.3	76 / 34.5	81.75 / 37.1

1. To complete the model numbers for a specific voltage/cycle/phase, add a '-1161' for 115 V/60 Hz/1-Phase, -2251' for 220–240 V/50 Hz/1-Phase, or '-2361' for 230 V/60 Hz/1-Phase, followed by '-410A' (e.g. 'DLU16-2361-410A').
2. 60 Hz units must not operate at 50 Hz and 50 Hz units must not operate at 60 Hz unless data plate says otherwise.
3. All dimensions ± 0.30 in/8 mm.
4. All weights ± 10%.

Height

Width

Depth
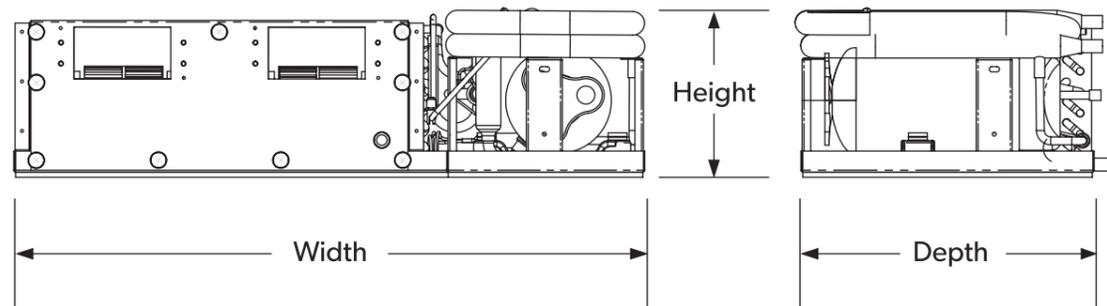
INNOVATIVE CHASSIS CONQUERS INSTALLATION CHALLENGES

The Emerald design increases cooling and heating capacities while reducing amperage. The molded composite no-rust drain pan is shaped to provide positive drainage even when the boat heaves and rolls. The drain, seawater, and refrigerant connections are centrally located, reducing installation time by up to fifteen minutes.

Key benefits

- Split-gas system confines compressor noise to the engine room and places quiet evaporating units in living areas
- Square chassis for easy installation in tight spaces
- Rust-free composite drain pan
- Reconfigurable chassis allows optimal drain connections
- Compressor vibration-isolation mounts minimize noise and vibration
- Built-in refrigerant line filter drier reduces installation time and protects the compressor from moisture and contaminants
- Robust titanium condenser coil

Composite drain pan
Durable and rust free.

Easy access
Easy maintenance access from any side.

Square chassis
Compact base fits in more spaces.

Dometic Titanium DEGX Condenser

This condenser has a reversing valve, pressure switches, and service ports centrally located for easy maintenance access from any side. Vibration-isolating compressor mounting system reduces noise and vibration. Pair this with a Dometic Emerald TurboVap R410A evaporator.

- GEX units available in dual-frequency for global operation (115 V or 230 V, 50/60 Hz)
- Split-gas system confines compressor noise to the engine room and places quiet evaporating units in living areas
- Square chassis for easy installation in tight spaces
- Reversing valve pressure switches and service ports centrally located for easy maintenance from any side
- Corrosion-resistant composite drain pan
- Reconfigurable chassis allows optimal drain connections
- Rotary-style compressor for quiet and efficient operation

115 V/60 Hz
230 V/60 Hz
220 V/50 Hz

6,000–
16,000 BTU/h

Dometic Titanium DEUX Condenser

This condenser has a reversing valve, pressure switches, and service ports centrally located for easy maintenance access from any side. Vibration-isolating compressor mounting system reduces noise and vibration. Pair this with a Dometic Emerald TurboVap R410A evaporator.

- Split-gas system confines compressor noise to the engine room and places quiet evaporating units in living areas
- Square chassis for easy installation in tight spaces. Reversing valve, pressure switches, and service ports centrally located for easy maintenance access from any side
- Rust-free composite drain pan
- Reconfigurable chassis allows optimal drain connections
- Compressor vibration-isolation mounts minimise noise and vibration
- Built-in refrigerant line filter drier reduces installation time and protects the compressor from moisture and contaminants

115 V/60 Hz
230 V/60 Hz
220 V/50 Hz

30,000–
72,000 BTU/h

Contents, specifications and availability are subject to change in the interests of technical improvement.

Dometic DEGX
Marine Condenser

MODEL[1]	DEGX6		DEGX8		DEGX10		DEGX12		DEGX16	
Capacity[2] (BTU/h)	6,000		8,000		10,000		12,000		16,000	
Voltage (V)	115	230	115	230	115	230	115	230	115	230
Cycle[3]/Phase (Hz/Ph)	60/1	50–60/1	60/1	50–60/1	60/1	50–60/1	60/1	50–60/1	60/1	50–60/1
Full Load (FLA) Cool (A)	3.6	1.6	4.2	2.2	5.2	2.6	6.6	3.2	8.7	4.7
Full Load (FLA) Heat (A)	4.8	2.2	5.6	3.0	7.0	3.5	9.1	4.4	11.8	6.2
Locked Rotor (LRA) (A)	25.5	10.0	28.0	15.0	42	21	50.5	26.7	61	26.9
Max. Circuit Breaker (A)	15	5	20	10	25	15	30	15	40	20
Min. Circuit Ampacity (A)	10	5	12	6	16	8	19	10	24	13
Refrigerant Type	R410A		R410A		R410A		R410A		R410A	
Seawater Inlet Connection (in/mm)	0.625 / 16		0.625 / 16		0.625 / 16		0.625 / 16		0.625 / 16	
Seawater Connection Type	cupronickel tube		cupronickel tube		cupronickel tube		cupronickel tube		cupronickel tube	
Refrigerant Line Connection Discharge (in)	1/4		1/4		1/4		1/4		1/4	
Refrigerant Line Connection Suction (in)	3/8		3/8		3/8		3/8		1/2	
Net Weight[4] (lbs/kg)	43/20		43/20		45/20		47/21		49/22	50/23
Gross Weight[4] (lbs/kg)	50/23		50/23		52/24	51/23	54/24		56/26	57/26
Max Height[5] (in/mm)	12 / 305		12 / 305		13 / 331		13 / 331		14.1 / 359	
Width[5] (in/mm)	13.3 / 338		13.3 / 338		13.3 / 338		13.3 / 338		13.3 / 338	
Depth Without Elec. Box (in/mm)	13.3 / 338		13.3 / 338		13.3 / 338		13.3 / 338		13.3 / 338	
Depth With Elec. Box (in/mm)	15.1 / 384		15.1 / 384		15.1 / 384		15.1 / 384		15.1 / 384	
Height-Electrical Box (in/mm)	8.75 / 223		8.75 / 223		8.75 / 223		8.75 / 223		8.75 / 223	
Width-Electrical Box (in/mm)	6.5 / 166		6.5 / 166		6.5 / 166		6.5 / 166		6.5 / 166	
Depth-Electrical Box (in/mm)	2.63 / 67		2.63 / 67		2.63 / 67		2.63 / 67		2.63 / 67	

1. For dual frequency units 6K through 16K, to complete the model numbers for a specific voltage/cycle/phase, add a '-410', then '1171' for 115 V/50–60 Hz/1-Phase, or -2371' for 230 V/50–60 Hz/1-Phase (e.g. 'DEG12-410 2371'). For ranges 24K through 72K, add a '-410', '-2251' for 220–240 V/50 Hz/1-Phase, or '-2361' for 230 V/60 Hz/1-Phase (e.g. 'DEU24-410 2361').
2. BTU and electrical data are based on a 45 °F/7.2 °C evaporator and 100 °F/37.8 °C condenser in cool mode, and a 45 °F/7.2 °C evaporator and 130 °F/54.4 °C condenser in heat mode.
3. For ranges 24K through 72K, 60 Hz units must not operate at 50 Hz and 50 Hz units must not operate at 60 Hz unless data plate says otherwise.
4. All weights ± 10%.
5. All dimensions ± 0.30 in/8 mm.

Dimensions DEGX6–16

Contents, specifications and availability are subject to change in the interests of technical improvement.

Dometic DEUX
Marine Condenser

MODEL[1]	DEUX24				DEUX30				DEUX36				
Capacity[2] (BTU/h)	24,000				30,000				36,000				
Voltage (V)	230	240	230	380	230	240	230	380	230	240	230	460	380
Cycle[3]/Phase (Hz/Ph)	60/1	50/1	60/3	50/3	60/1	50/1	60/3	50/3	60/1	50/1	60/3	60/3	50/3
Full Load (FLA) Cool (A)	6.3	6.3	4.5	2.7	7.4	7.3	5.4	3.2	8.9	9.9	6.3	4.5	3.3
Full Load (FLA) Heat (A)	9.5	9.7	6.2	3.6	11.1	11	7.3	4.2	13.2	13	8.3	5.9	4.2
Locked Rotor (LRA) (A)	58.3	54	55.4	28	73	61	58	38	96.7	97	71	45	38
Max. Circuit Breaker (A)	45	35	20	15	45	40	25	15	50	60	35	20	15
Min. Circuit Ampacity (A)	25	22	14	10	28	24	17	10	34	34	20	13	10
Refrigerant Type	R410A				R410A				R410A				
Seawater Inlet Connection (in/mm)	0.625/16				0.75/19				0.625/16				
Seawater Connection Type	cupronickel tube				cupronickel tube				cupronickel tube				
Refrigerant Line Connection Discharge (in)	3/8				3/8				3/8				
Refrigerant Line Connection Suction (in)	5/8				3/4				3/4				
Net Weight[4] (lbs/kg)	98 / 44				110 / 50				110 / 50				
Gross Weight[4] (lbs/kg)	135 / 61				140 / 64				149 / 68				
Max Height[5] (in/mm)	18 / 458				18 / 458				18 / 458				
Width[5] (in/mm)	16 / 407				16 / 407				16 / 407				
Depth Without Elec. Box[5] (in/mm)	16 / 407				16 / 407				16 / 407				
Depth With Elec. Box[5] (in/mm)	18.8 / 478				18.8 / 478				18.8 / 478				
Height Electrical Box (in/mm)	13.25 / 337				13.25 / 337				13.25 / 337				
Width Electrical Box (in/mm)	7.75 / 197				7.75 / 197				7.75 / 197				
Depth Electrical Box (in/mm)	3.75 / 96				3.75 / 96				3.75 / 96				

1. For dual frequency units 6K through 16K, to complete the model numbers for a specific voltage/cycle/phase, add a '-410', then '1171' for 115 V/50–60 Hz/1-Phase, or -2371' for 230 V/50–60 Hz/1-Phase (e.g. 'DEG12-410 2371'). For ranges 24K through 72K, add a '-410', '-2251' for 220–240 V/50 Hz/1-Phase, or '-2361' for 230 V/60 Hz/1-Phase (e.g. 'DEU24-410 2361').
2. BTU and electrical data are based on a 45 °F/7.2 °C evaporator and 100 °F/37.8 °C condenser in cool mode, and a 45 °F/7.2 °C evaporator and 130 °F/54.4 °C condenser in heat mode.
3. For ranges 24K through 72K, 60 Hz units must not operate at 50 Hz and 50 Hz units must not operate at 60 Hz unless data plate says otherwise.
4. All weights ± 10%.
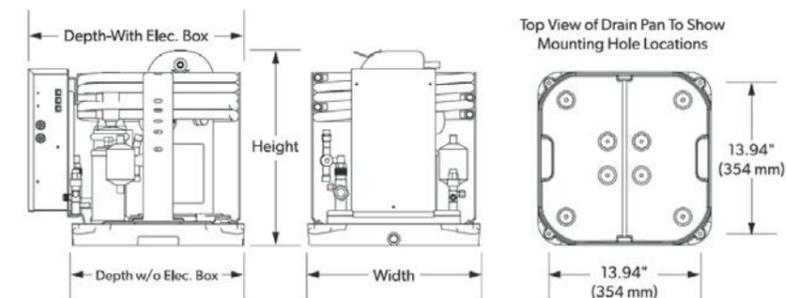5. All dimensions ± 0.30 in/8 mm.

Dimensions DEUX24–72

Dometic DEUX

Marine Condenser

MODEL[1]	DEUX48					DEUX60					DEUX72				
Capacity[2] (BTU/h)	48,000					60,000					72,000				
Voltage (V)	230	240	230	460	380	230	240	230	380	460	230	220	230	380	460
Cycle[3]/Phase (Hz/Ph)	60/1	50/1	60/3	60/3	50/3	60/1	50/1	60/3	50/3	60/3	60/1	50/1	60/3	50/3	60/3
Full Load (FLA) Cool (A)	10.9	12.10	8.2	5.3	3.8	13.0	14.4	10.2	5.6	5.29	16.6	21.5	11.2	7.1	5.94
Full Load (FLA) Heat (A)	16.2	18.0	10.90	6.6	5.0	20.2	21.4	12.7	7.6	6.6	24.0	29.1	14.8	8.8	7.40
Locked Rotor (LRA) (A)	105	102.5	95	60	45	150	130	120	70	60	145	130	120	87	70
Max. Circuit Breaker (A)	70	70	45	30	20	80	80	55	30	30	100	100	60	40	30
Min. Circuit Ampacity (A)	43	42	28	17	13	48	48	33	19	17	57	57	34	24	19
Refrigerant Type	R410A					R410A					R410A				
Seawater Inlet Connection (in/mm)	0.625/16					0.625/16					0.625/16				
Seawater Connection Type	cupronickel tube					cupronickel tube					cupronickel tube				
Refrigerant Line Connection Discharge (in)	3/8					3/8					3/8				
Refrigerant Line Connection Suction (in)	3/4					3/4					3/4				
Net Weight[4] (lbs/kg)	115 / 52					147 / 67					147 / 67				
Gross Weight[4] (lbs/kg)	150 / 68					176 / 80					183 / 83	187 / 84	183 / 83	180 / 82	181 / 82
Max Height[5] (in/mm)	18.5 / 470					20 / 508					20 / 508				
Width[5] (in/mm)	16 / 407					16 / 407					16 / 407				
Depth Without Elec. Box[5] (in/mm)	16 / 407					16 / 407					16 / 407				
Depth With Elec. Box[5] (in/mm)	18.8 / 478					18.8 / 478					18.8 / 478				
Height Electrical Box (in/mm)	13.25 / 337					13.25 / 337					13.25 / 337				
Width Electrical Box (in/mm)	7.75 / 197					7.75 / 197					7.75 / 197				
Depth Electrical Box (in/mm)	3.75 / 96					3.75 / 96					3.75 / 96				

1. For dual frequency units 6K through 16K, to complete the model numbers for a specific voltage/cycle/phase, add a '-410', then '1171' for 115 V/50–60 Hz/1-Phase, or -2371' for 230 V/50–60 Hz/1-Phase (e.g. 'DEG12-410 2371'). For ranges 24K through 72K, add a '-410', '-2251' for 220–240 V/50 Hz/1-Phase, or '-2361' for 230 V/60 Hz/1-Phase (e.g. 'DEU24-410 2361').
2. BTU and electrical data are based on a 45 °F/7.2 °C evaporator and 100 °F/37.8 °C condenser in cool mode, and a 45 °F/7.2 °C evaporator and 130 °F/54.4 °C condenser in heat mode.
3. For ranges 24K through 72K, 60 Hz units must not operate at 50 Hz and 50 Hz units must not operate at 60Hz unless data plate says otherwise.
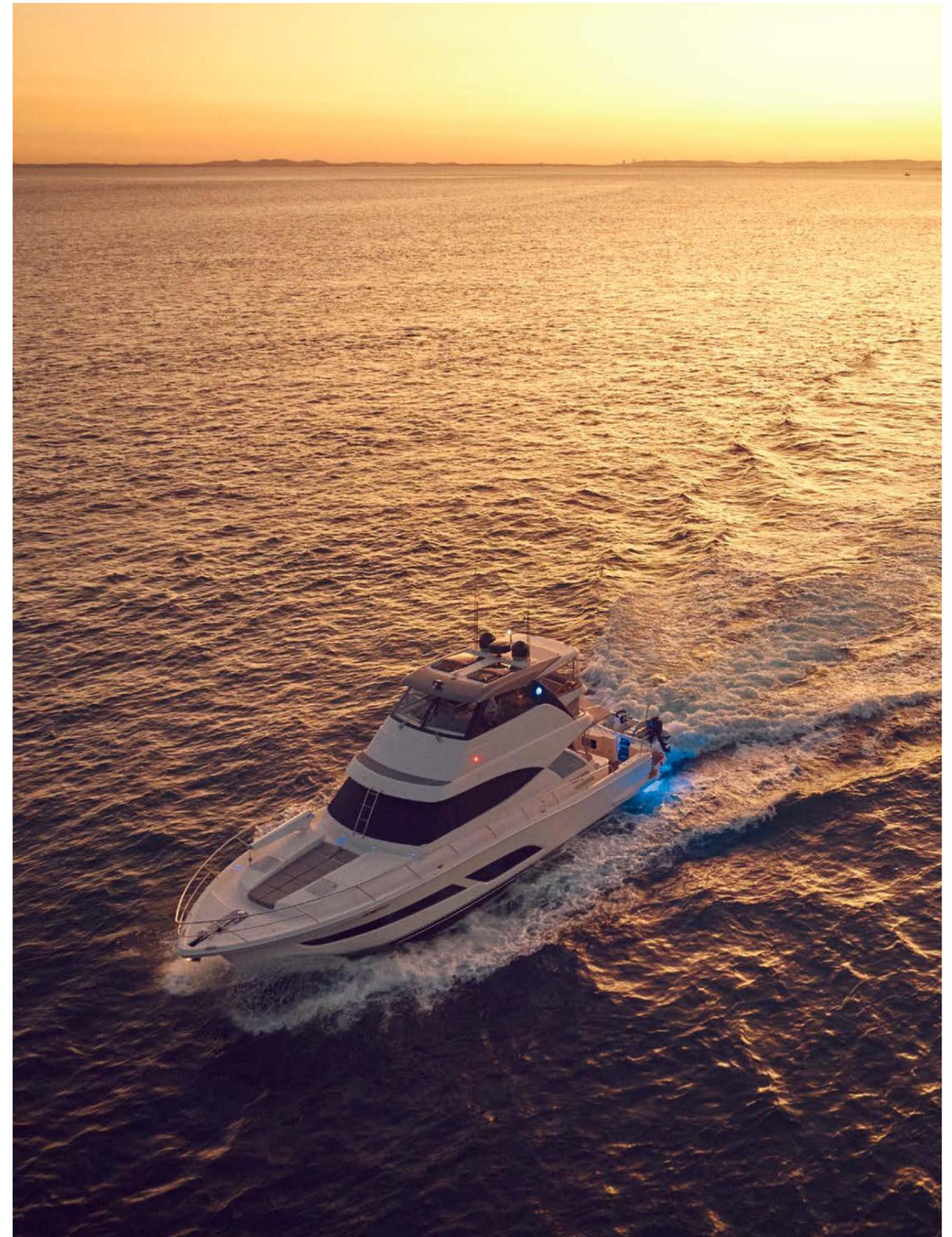4. All weights ±10%.
5. All dimensions ±0.30 in/8 mm.

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Contents, specifications and availability are subject to change in the interests of technical improvement.

DOMETIC.COM — 35

CLIMATE
SPLIT-GAS SYSTEMS

CLIMATE

FOOD & BEVERAGE

POWER & CONTROL

HYGIENE & SANITATION

Dometic TVE
Evaporating Units

The Dometic Emerald TurboVap (TVE) direct expansion (DX) split-gas evaporator is based on the innovative engineering advancements of the award-winning Dometic Turbo self-contained air conditioning system. TVE units work with Dometic Emerald R410A condensing units.

- Up to 15 minutes faster to install
- Rust-free composite drain pan
- Designed to be used with Emerald Series (R410A) condensers
- The drain pan features anti-slosh, "positive flow" drain channels for rapid removal of condensate
- Single adjustment screw for 270° of blower rotation
- Vibration-isolation mounts reduce noise and vibration

115 V/50 or 60 Hz 230 V/50 or 60 Hz

4,000 – 16,000 BTU/h

Dometic EVAPS EBE
Evaporating Units

Compact EBE evaporators are draw-through, ductable cooling units with reverse cycle heating. Featuring a rotatable, high-efficiency permanent split capacitor (PSC) blower in which the motor is concealed.

- Compact cooling or heating units
- High-velocity (HV) fully-insulated blowers are rotatable
- Insulated condensate pan with anti-slosh, anti-fungal foam lining
- Available with electric heat
- High-efficiency evaporator coil
- Larger blower inlet for increased airflow across the coil
- Blower support bracket with cushioned mounts reduce noise and vibration

230 V/50 or 60 Hz

18,000 – 24,000 BTU/h

Dometic EVAPS EBLE
Low-profile Evaporating Units

EBLE series low-profile evaporating units are ductable cooling and heating units. EBLE units are designed for installations where there is limited vertical space such as beneath a seat or bunk, or in overhead spaces.

- Environmentally safe R410A refrigerant
- Dual variable-speed, high-efficiency PSC blowers are rotatable
- Drain pan has anti-slosh, anti-fungal foam lining
- Exposed sheet metal is insulated against secondary condensation
- Thermal expansion valve for optimal performance over a range of conditions

115 V/50 or 60 Hz 230 V/50 or 60 Hz

12,000 – 36,000 BTU/h

Contents, specifications and availability are subject to change in the interests of technical improvement.

Dometic TVE

Evaporating Units

MODEL[1]	TVE4		TVE6		TVE8		TVE10		TVE12		TVE16	
Capacity[2] (BTU/h)	4,000		6,000		8,000		10,000		12,000		16,000	
Voltage @ 50/60 Hz 1-Ph (V)	115	230	115	230	115	230	115	230	115	230	115	230
Full Load Amps (FLA) Cool (A)	0.82	0.41	0.82	0.41	1.56	0.83	1.14	0.61	1.14	0.61	1.61	0.78
Max. Circuit Breaker (A)	5		5		5		5		5		5	
Min. Circuit Ampacity (A)	2	1	2	1	2	1	2	1	2	1	3	1
Height-Coil[2] (in/mm)	10.8 / 275		10.8 / 275		10.8 / 275		12.6 / 321		12.6 / 321		13 / 331	
Height-Blower[2] (in/mm)	10.8 / 275		10.8 / 275		11.4 / 290		12.6 / 321		12.6 / 321		13.6 / 346	
Width[2] (in/mm)	12.3 / 313		12.3 / 313		12.3 / 313		14.3 / 364		14.3 / 364		14.3 / 364	
Depth[2] (in/mm)	9.5 / 242		9.5 / 242		9.5 / 242		10.4 / 265		10.4 / 265		11.6 / 295	
Min. Supply Duct Size (in/mm)	4 / 102		4 / 102		5 / 127		6 / 153		6 / 153		7 / 178	
Min. Supply Air Grille Size (sq in/cm²)	32 / 207		32 / 207		48 / 310		60 / 388		70 / 452		81 / 523	
Min. Return Air Grille Size (sq in/cm²)	64 / 413		64 / 413		80 / 517		110 / 710		130 / 839		160 / 1033	
Net Weight[3] (lbs/kg)	10.5/4.8	11.25/5.2	12/5.5	12.25/5.6	14/6.4		17.5/8		17.5/8	17.75/8.1	20.5/9.3	21/9.6
Gross Weight[3] (lbs/kg)	18.5/8.4	18/8.2	19/8.7	20.25/9.2	22/10		25.5/11.6	25/11.4	25.5/11.6	24.75/11.3	28/12.8	28.5/13

1. Add '115 V' or '230 V' to the model number for 115 V and 230 V units, respectively.
2. All dimensions ± 0.30 in/8 mm.
3. All weights ± 10%.

Height-Blower

Height-Coil

Depth

Width
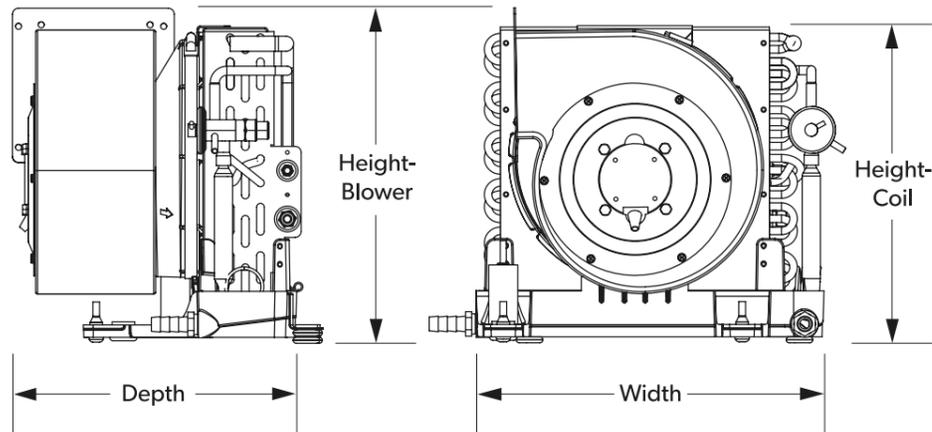
Dometic EVAPS EBE

Evaporating Units

MODEL[1]	EBE18	EBE24	EBE30	EBE36	EBHE8	EBHE10	EBHE12	EBHE16	EBHE24
Capacity[2] (BTU/h)	18,000	24,000	30,000	36,000	8,000	10,000	12,000	16,000	24,000
Voltage @ 50/60 Hz 1-Ph (V)	230	230	230	230	230	230	230	230	230
Full Load Amps (FLA) Cool (A)	1.15	1.64	1.64	7.3	0.98	0.66	0.56	0.88	1.64
Full Load Amps (FLA) Heat (A)	n/a	n/a	n/a	n/a	5.4	7.2	9.26	9.58	14.68
Full Load Amps (FLA) Blower (A)	1.15	1.64	4	4	0.98	0.66	0.56	1.15	1.64
Max. Circuit Breaker (A)	5	5	5	10	10	10	10	10	20
Min. Circuit Ampacity (A)	2	3	3	10	6	8	10	10	16
Electric Heat (kW/hp)	n/a	n/a	n/a	n/a	1/1.4	1.5/2.1	2/2.7	2/2.7	3/4.1
Heater Amps (A)	n/a	n/a	n/a	n/a	4.35	6.52	8.7	8.7	13.04
Air Flow (cfm/m³h)	540 / 918	800 / 1360	1000 / 1700	1200 / 2039	266 / 452	333 / 566	400 / 680	533 / 906	800 / 1360
Height-Coil[2] (in/mm)	13.63 / 347	16.5 / 420	20.5 / 521	20.5 / 521	11.25 / 286	12.5 / 318	12.5 / 318	13.5 / 343	16.5 / 420
Height-Blower[2] (in/mm)	15.13 / 385	17 / 432	22 / 559	22.25 / 566	12.5 / 318	13.5 / 343	13.5 / 343	15.5 / 394	17 / 432
Width[2] (in/mm)	16 / 407	20 / 508	20.75 / 528	20.75 / 528	13.75 / 350	14.25 / 362	14.25 / 362	16 / 407	20 / 508
Depth[2] (in/mm)	14 / 356	14.5 / 369	15 / 381	17.75 / 451	12 / 305	13.75 / 350	14.5 / 369	14.75 / 375	15 / 381
Min. Supply Duct Size (in/mm)	7 / 178	9 / 229	10 / 254	10 / 254	6 / 152	6 / 152	6 / 152	7 / 178	9 / 229
Min. Supply Air Grille Size (sq in/cm²)	100 / 645	140 / 903	170 / 1097	196 / 1265	49 / 316	60 / 387	70 / 452	80 / 516	140 / 903
Net Weight[3] (lbs/kg)	27 / 12.3	37.65 / 17.1	36 / 16.4	41.75 / 19	21 / 9.6	23 / 10.5	23 / 10.5	28 / 12.8	44.75 / 20.3
Gross Weight[3] (lbs/kg)	35 / 15.9	49.5 / 22.5	42 / 19.1	56.5 / 25.7	29 / 13.2	31 / 14.1	31.5 / 14.3	36 / 16.4	56.25 / 25.6

1. 'EBE' indicates evaporator without electric heat; 'EBHE' indicates evaporator with electric heat. Dometic also offers an EBHE6-1KW and EBHE16-3KW.
2. All dimensions ± 0.30 in/8 mm.
3. All weights ± 10%.

MODEL[1]	EBLE12		EBLE16		EBLE16		EHBLE24	EBLE24	EBLE30	EBLE36
Capacity[2] (BTU/h)	12,000		16,000		16,000		24,000	24,000	30,000	36,000
Voltage @ 50/60 Hz 1-Ph (V)	115	230	115	230	115	230	230	230	230	230
Full Load Amps (FLA) Cool (A)	1.64	0.74	3.2	1.44	2.4	1.2	1.76	2.8	3.6	3.6
Max. Circuit Breaker (A)	5		25	15	5		20	5	5	5
Min. Circuit Ampacity (A)	3	2	22	11	4	2	16	3	3	3
Electric Heat (kW/hp)	n/a		2/2.7		n/a		2/2.7	n/a	n/a	n/a
Heater Amps (A)	n/a		17.4	8.7	n/a		8.7	n/a	n/a	n/a
Height[2] (in/mm)	11.25 / 286		11.25 / 286		11.25 / 286		12.5 / 318	12.5 / 318	13 / 331	13 / 331
Width[2] (in/mm)	24 / 610		20.5 / 521		24 / 610		27.5 / 699	27.5 / 699	37.5 / 953	37.5 / 953
Depth[2] (in/mm)	13.5 / 343		16 / 407		3.5 / 343		17 / 432	14 / 356	14 / 356	14 / 356
Min. Supply Duct Size (in/mm)	6 / 153		7 / 178		7 / 178		8 / 204	8 / 204	9 / 229	10 / 254
Quantity-Duct Connections	2		2		2		2	2	2	2
Min. Supply Air Grille Size (sq in/cm²)	70 / 452		80 / 517		80 / 517		140 / 904	140 / 904	170 / 1097	196 / 1265
Min. Return Air Grille Size (sq in/cm²)	130 / 839		160 / 1,033		160 / 1,033		240 / 1,549	240 / 1,549	350 / 2,259	360 / 2,323
Refrigerant Line Connection-Discharge (in/mm)	0.25 / 6.4		0.375 / 9.5		0.375 / 9.5		0.375 / 9.5	0.375 / 9.5	0.375 / 9.5	0.375 / 9.5
Refrigerant Line Connection-Suction (in/mm)	0.375 / 9.5		0.5 / 12.7		0.5 / 12.7		0.625 / 16	0.625 / 16	0.75 / 19	0.75 / 19

1. EHBLE units are available with return-air plenum.
2. Height values shown are from the mounting surface to the top of the coil with blowers in the horizontal position.

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Contents, specifications and availability are subject to change in the interests of technical improvement.

DOMETIC.COM — 39

CHILLED WATER SYSTEMS

Dometic TWDX
Modular Titanium Chillers

A fully enclosed, high-performance reverse-cycle chiller that cools and heats, and is available in a wide range of models.

- Titanium condenser dramatically increases product lifespan
- Reverse-cycle unit cools and heats
- Units can be multiplexed for larger capacity
- Chilled water flow switch
- High- and low-refrigerant pressure switches
- Inlet and outlet CW temperature sensors

230 V/60 Hz/1-Ph or 3-Ph
220–240 V/50 Hz/1-Ph
460 V/60 Hz/3-Ph
380 V/50 Hz/3-Ph

24,000 –
72,000 BTU/h

Dometic MCGXLP
Modular Titanium Chillers

Designed for locations onboard where height is an obstacle. These units are much shorter than other chillers in the same capacity range but possess no shortage of performance or reliability.

- Titanium condenser dramatically increases product lifespan
- For installations where height is limited; stand only 18.25 in/464 mm high (3 to 6-ton models) or 25.2 in/640 mm high (12.5 and 15-ton models)
- Reverse-cycle cooling and heating
- 25 % larger condenser area than similar low-profile units
- Stainless-steel drain pan
- Removable PVC water headers that resist corrosion and erosion

230 V/60 Hz/1-Ph or 3-Ph
220–240 V/50 Hz/1-Ph
460 V/60 Hz/3-Ph
380 V/50 Hz/3-Ph

36,000 –
180,000 BTU/h

Dometic MCGX
Titanium Chillers

Featuring a compact base design, these modules can be staged to provide a larger system which is easily retrofitted and staged in the field. Unaffected by vibration, moisture or ambient temperatures up to 60 °C /140 °F, these condensing units can be installed in any convenient location.

- Titanium condenser dramatically increases product lifespan
- Up to six modules can be staged
- Hermetically sealed and pre-charged with environmentally friendly R410A refrigerant
- Features freeze controls, high-limit switches, high and low aquastats and timers
- Unaffected by vibration, moisture or ambient temperatures up to 60 °C/140 °F
- Monitored and protected by Dometic's exclusive Digital Diagnostic Controller (DDC)

230 V/60 Hz/1-Ph or 3-Ph
220–240 V/50 Hz/1-Ph
460 V/60 Hz/3-Ph
380 V/50 Hz/3-Ph

24,000 –
180,000 BTU/h

Dometic VARCX
Titanium Variable Capacity Chillers

Maximize chiller efficiency and reduce electrical load fluctuations with Dometic's innovative Variable Capacity Chiller (VARC). At full speed, the VARC provides its maximum output of cooling or heating. It also has the ability to modulate its speed to precisely match temperature demand. By precisely balancing output to load, the fluctuation in loop water temperature is minimized. This smooth operation eliminates large swings in electrical demand on the generator.

- Variable-capacity through the unit's BTU range (1 to 4 tons or 2 to 6 tons) as thermal load changes
- Compact footprint
- Operates steadily at lower speeds to provide maximum efficiency
- Select from three user-adjustable amp limits: Econo, Standard, or Boost
- Electronic expansion valve for precise control of superheat

208–230 V/
50 or 60Hz/1-Ph

24,000 –
72,000 BTU/h

Dometic TWDX
Modular Titanium Chillers

MODEL[1]	TWDX24		TWDX30			TWDX36				
Capacity[2] (BTU/h)	24,000		30,000			36,000				
Voltage (V)	220	380	230	220	230	220	460	230	230	380
Cycle[3] (Hz)/**Phase** (Ph)	50/1	50/3	60/3	50/1	60/1	50/1	60/3	60/1	60/3	50/3
Full Load Amps (FLA) Cool (A)	9.5	3.5	7.2	10.3	9.1	9.6	3.9	12	8.3	5.1
Full Load Amps (FLA) Heat (A)	11.8	4.6	9.1	12	13.2	13.2	5	15.7	10.9	6.6
Locked Rotor (LRA) (A)	63	45	73	63	96.7	63	45	105	95	50
Max. Circuit Breaker (A)	45	20	35	45	60	45	20	70	50	70
Min. Circuit Ampacity (A)	28	13	21	28	34	28	13	43	27	15
Refrigerant Type	R410A		R410A			R410A				
Height Without Elec. Box[3] (in/mm)	18.6 / 473		18.6 / 473			18.6 / 473				
Height With Elec. Box[3] (in/mm)	22.6 / 575		22.6 / 575			22.6 / 575				
Max. Width[3] (in/mm)	13 / 331		13 / 331			13 / 331				
Depth-Drain Pan[3] (in/mm)	18 / 458		18 / 458			18 / 458				
Max. Depth[3] (in/mm)	19.4 / 493		19.4 / 493			19.4 / 493				
Seawater Inlet Connection (in/mm)	0.625 / 16		0.625 / 16			0.625 / 16				
Chilled Water Inlet Connection (in/mm)	0.75 / 20		0.75 / 20			0.75 / 20				
Chilled Water Outlet Connection (in/mm)	1 / 26		1 / 26			1 / 26				
Chilled Water Connection Type	FPT		FPT			FPT				

1. Add a 'C' for 230 V/60 Hz/1-Ph, 'CK' for 22–250 V/50 Hz/1-Ph, 'DC' for 230 V/60 Hz/3-Ph, 'ECK' for 380 V/50 Hz/3-Ph, or 'EC' for 460 V/60 Hz/3-Ph.
   For example, TWCV24DC = 230 V/60 Hz/3-ph unit.
2. For information about voltages not shown in this sheet, please contact Dometic Marine sales at 954-973-2477.
3. All dimensions ± 0.30 in/8 mm.

Dometic TWDX
Modular Titanium Chillers

MODEL[1]	TWDX48					TWDX60					TWDX72			
Capacity[2] (BTU/h)	48,000					60,000					72,000			
Voltage (V)	460	230	220	230	380	460	230	220	230	380	230	230	460	380
Cycle[3] (Hz)/**Phase** (Ph)	60/3	60/1	50/1	60/3	50/3	60/3	60/1	50/1	60/3	50/3	60/1	60/3	60/3	50/3
Full Load Amps (FLA) Cool (A)	5.2	13.8	14.7	11.3	5.8	5.9	15.8	22.2	11.3	8.3	20.1	16.2	7.1	10.1
Full Load Amps (FLA) Heat (A)	6.6	20.2	21.4	12.7	7.6	7.4	23	29.1	14.8	10.8	29.3	20.1	8.9	13.3
Locked Rotor (LRA) (A)	60	150	130	120	70	70	145	130	123	87	145	160	87	100
Max. Circuit Breaker (A)	30	80	90	55	30	33	101	100	60	42	90	81	42	42
Min. Circuit Ampacity (A)	17	48	50	33	19	19	57	57	34	24	53	45	24	24
Refrigerant Type	R410A					R410A					R410A			
Height Without Elec. Box[3] (in/mm)	23.4 / 595					23.4 / 595					23.4 / 595			
Height With Elec. Box[3] (in/mm)	23.4 / 595					23.4 / 595					23.4 / 595			
Max. Width[3] (in/mm)	13.3 / 338					13.3 / 338					13.3 / 338			
Depth-Drain Pan[3] (in/mm)	18 / 458					18 / 458					18 / 458			
Max. Depth[3] (in/mm)	23.9 / 608					23.9 / 608					23.9 / 608			
Seawater Inlet Connection (in/mm)	1.25 / 32					1.25 / 32					1.25 / 32			
Chilled Water Inlet Connection (in/mm)	1 / 26					1 / 26					1 / 26			
Chilled Water Outlet Connection (in/mm)	1 / 26					1 / 26					1 / 26			
Chilled Water Connection Type	FPT					FPT					FPT			

1. Add a 'C' for 230 V/60 Hz/1-Ph, 'CK' for 220–250 V/50 Hz/1-Ph, 'DC' for 230 V/60 Hz/3-Ph, 'ECK' for 380 V/50 Hz/3-Ph, or 'EC' for 460 V/60 Hz/3-Ph.
   For example, TWCV24DC = 230 V/60 Hz/3-ph unit.
2. For information about voltages not shown in this sheet, please contact Dometic Marine sales at 954-973-2477.
3. All dimensions ± 0.30 in/8 mm.

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CLIMATE | FOOD & BEVERAGE | POWER & CONTROL | HYGIENE & SANITATION

Dometic MCGX

Titanium Chillers

MODEL[1]	MCGX24					MCGX36					MCGX48				
Capacity (BTU/h)	24,000					36,000					48,000				
Voltage (V)	230	220	230	380	460	230	240	230	380	460	240	230	230	380	460
Cycle (Hz)/**Phase** (Ph)	60/1	50/1	60/3	50/3	60/3	60/1	50/1	60/3	50/3	60/3	50/1	60/1	60/3	50/3	60/3
Full Load (FLA) Cool (A)	6.4	9.6	5.5	3.5	2.7	12	12.3	8.3	5.1	3.9	14.7	13.8	11.3	5.8	5.2
Full Load (FLA) Heat (A)	9.5	11.9	7.3	4.6	3.6	15.7	18	10.9	6.6	5	21.4	20.2	14	7.6	6.6
Locked Rotor (LRA) (A)	58.3	97	58	45	28	105	115	95	50	45	130	150	120	70	60
Max. Circuit Breaker (A)	45	45	29	20	18	70	75	50	27	23	90	80	50	33	30
Min. Circuit Ampacity (A)	25	28	17	13	10	43	41	27	15	12	50	48	33	19	17
Refrigerant Type	R410A					R410A					R410A				
Height Without Elec. Box[2] (in/mm)	17.22 / 438					23.57 / 599					23.57 / 599				
Height With Elec. Box[2] (in/mm)	21.74 / 553					23.57 / 599					23.57 / 599				
Width-Drain Pan[2] (in/mm)	12 / 305					12 / 305					12 / 305				
Max. Width[2] (in/mm)	12 / 305					12.5 / 318					12.5 / 318				
Depth-Drain Pan[2] (in/mm)	24 / 610					24 / 610					24 / 610				
Max. Depth[2] (in/mm)	24.97 / 635					30.78 / 782					30.78 / 782				
Seawater Inlet Connection (in/mm)	0.625 / 16					1 / 26					1 / 26				
Chilled Water Inlet Connection Size (in/mm)	1 / 26					1 / 26					1 / 26				
Height-Electrical Box (in/mm)	11 / 280					11 / 280					11 / 280				
Width-Electrical Box (in/mm)	9.8 / 249					9.8 / 249					9.8 / 249				
Depth-Electrical Box (in/mm)	3.7 / 94					3.7 / 94					3.7 / 94				

1. For information about net weight and shipping weight please contact a Dometic Marine sales representative at 954-973-2477.
2. All dimensions ± 0.30 in/8 mm.

Dometic MCGX

Titanium Chillers

MODEL[1]	MCGX60					MCGX72				MCGX90		
Capacity (BTU/h)	60,000					72,000				90000		
Voltage (V)	230	240	230	380	460	230	230	380	460	230	380	460
Cycle (Hz)/**Phase** (Ph)	60/1	50/1	60/3	50/3	60/3	60/1	60/3	50/3	60/3	60/3	50/3	60/3
Full Load (FLA) Cool (A)	17.8	22.2	11.3	8.3	5.9	20.1	14.2	10.1	7.1	22.3	14.7	9.2
Full Load (FLA) Heat (A)	23	29.1	14.8	10.8	7.4	29.3	17.9	13.3	8.9	31.5	14.9	13.4
Locked Rotor (LRA) (A)	145	130	123	87	70	145	160	100	87	235	110	110
Max. Circuit Breaker (A)	100	100	60	40	33	90	80	42	42	100	56	42
Min. Circuit Ampacity (A)	57	57	34	24	19	49	45	24	24	57	32	34
Refrigerant Type	R410A					R410A				R410A		
Height Without Elec. Box[2] (in/mm)	23.44 / 596					23.44 / 596				2 7.66 / 703		
Height With Elec. Box[2] (in/mm)	26.08 / 663					26.08 / 663				31.07 / 790		
Width-Drain Pan[2] (in/mm)	12 / 305					12 / 305				16 / 407		
Max. Width[2] (in/mm)	13.25 / 337					13.25 / 337				17.37 / 442		
Depth-Drain Pan[2] (in/mm)	24 / 610					24 / 610				24 / 610		
Max. Depth[2] (in/mm)	30.7/780	30.04 / 764				30.04 / 764				30.04 / 764		
Seawater Inlet Connection (in/mm)	1 / 26					1 / 26				1.5 / 38		
Chilled Water Inlet Connection Size (in/mm)	1 / 26					1 / 26				1.5 / 38		
Height-Electrical Box (in/mm)	11 / 280					11 / 280				13.3 / 338		
Width-Electrical Box (in/mm)	9.8 / 249					9.8 / 249				12 / 305		
Depth-Electrical Box (in/mm)	3.7 / 94					3.7 / 94				4.3 / 110		

1. For information about net weight and shipping weight please contact a Dometic Marine sales representative at 954-973-2477.
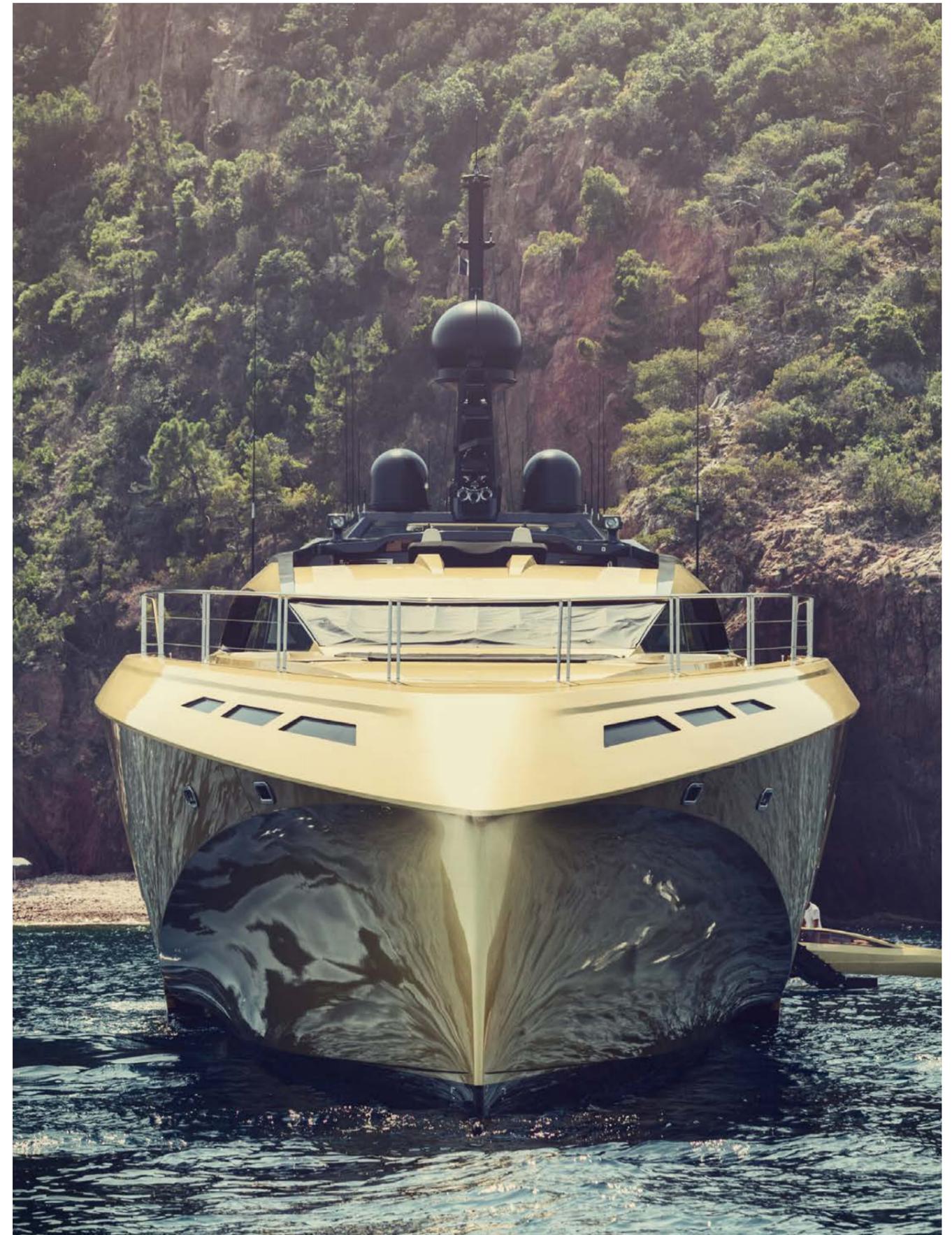2. All dimensions ± 0.30 in/8 mm.

Contents, specifications and availability are subject to change in the interests of technical improvement.

CLIMATE
CHILLED WATER SYSTEMS

CLIMATE

FOOD & BEVERAGE

POWER & CONTROL

HYGIENE & SANITATION

Dometic MCGX

Titanium Chillers

MODEL[1]	MCGX120		MCGX150			MCGX180		
Capacity (BTU/h)	120,000		150,000			180,000		
Voltage (V)	230	380	230	380	460	230	380	460
Cycle (Hz)/**Phase** (Ph)	60/3	50/3	60/3	50/3	60/3	60/3	50/3	60/3
Full Load (FLA) Cool (A)	25.3	15.4	30.6	19.9	15.1	38.3	24.1	20.2
Full Load (FLA) Heat (A)	31.3	19.2	38.9	24.5	19.3	50	29.9	25
Locked Rotor (LRA) (A)	267	147	304	197	147	351	239	197
Max. Circuit Breaker (A)	103	60	144	86	67	168	55	86
Min. Circuit Ampacity (A)	58	38	80	49	38	94	55	49
Refrigerant Type	R410A		R410A			R410A		
Height Without Elec. Box[2] (in/mm)	33.61 / 854		46.24 / 1,175			49.5 / 1,258		
Height With Elec. Box[2] (in/mm)	37.71 / 958		n/a			n/a		
Width-Drain Pan[2] (in/mm)	16 / 407		18.63 / 474			18.63 / 474		
Max. Width[2] (in/mm)	17.4 / 442		19.5 / 496			19.5 / 496		
Depth-Drain Pan[2] (in/mm)	24 / 610		26.75 / 680			26.75 / 680		
Max. Depth[2] (in/mm)	30.84 / 784		31.88 / 810			31.88 / 810		
Seawater Inlet Connection (in/mm)	1.5 / 38		2 / 51			2 / 51		
Chilled Water Inlet Connection Size (in/mm)	1.5 / 38		2 / 51			2 / 51		
Height-Electrical Box (in/mm)	13.3 / 338		n/a		n/a	n/a	n/a	13.3 / 338
Width-Electrical Box (in/mm)	12 / 305		n/a		n/a	n/a	n/a	12 / 305
Depth-Electrical Box (in/mm)	4.3 / 110		n/a		n/a	n/a	n/a	4.3 / 110

1. For information about net weight and shipping weight please contact a Dometic Marine sales representative at 954-973-2477.
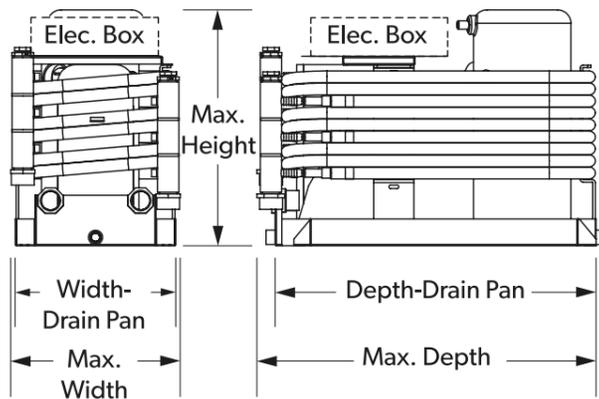2. All dimensions ± 0.30 in/8 mm.

Contents, specifications and availability are subject to change in the interests of technical improvement.

Dometic MCGXLP
Modular Titanium Chillers

MODEL[1]	MCGXLP36				MCGXLP48				
Capacity (BTU/h)	36,000				48,000				
Voltage (V)	230	220	230	460	230	220	230	380	460
Cycle (Hz)/Phase (Ph)	60/1	50/1	60/3	60/3	60/1	50/1	60/3	50/3	60/3
Full Load (FLA) Cool (A)	12.9	12.3	8.3	3.9	13.8	14.7	11.3	5.8	5.2
Full Load (FLA) Heat (A)	16.8	18	10.9	5	20.2	21.4	12.7	7.6	6.6
Locked Rotor (LRA) (A)	105	102.5	95	45	150	130	120	70	60
Max. Circuit Breaker (A)	70	75	50	23	80	90	58	33	30
Min. Circuit Ampacity (A)	43	41	27	12	48	50	33	19	17
Refrigerant Type	R410A				R410A				
Max. Height[2] (in/mm)	18.25 / 464				18.25 / 464				
Width-Drain Pan[2] (in/mm)	12 / 305				12 / 305				
Max. Width[2] (in/mm)	12.69 / 323				12.69 / 323				
Depth-Drain Pan[2] (in/mm)	24 / 610				24 / 610				
Max. Depth[2] (in/mm)	25.38 / 645				25.38 / 645				
Seawater Inlet Connection (in/mm)	1 / 26				1 / 26				
Chilled Water Inlet Connection Size (in/mm)	1 / 26				1 / 26				
Height-Electrical Box (in/mm)	11 / 280				11 / 280				
Width-Electrical Box (in/mm)	9.8 / 249				9.8 / 249				
Depth-Electrical Box (in/mm)	3.7 / 94				3.7 / 94				

1. For information about net weight and shipping weight please contact a Dometic Marine sales representative at 954-973-2477.
2. All dimensions ± 0.30 in/8 mm.

Dometic MCGXLP
Modular Titanium Chillers

MODEL[1]	MCGXLP60				MCGXLP72				MCGXLP150			MCGXLP180		
Capacity (BTU/h)	60,000				72,000				150,000			180,000		
Voltage (V)	220	230	380	460	220	230	380	460	230	380	460	230	380	460
Cycle (Hz)/Phase (Ph)	50/1	60/3	50/3	60/3	60/1	60/3	50/3	60/3	60/3	50/3	60/3	60/3	50/3	60/3
Full Load (FLA) Cool (A)	22.2	11.3	8.3	5.9	20.1	14.2	10.1	7.1	30.6	19.9	15.1	38.3	24.1	20.2
Full Load (FLA) Heat (A)	29.1	14.8	10.8	7.4	29.3	17.9	13.3	8.9	38.9	24.5	19.3	50	29.9	25
Locked Rotor (LRA) (A)	130	123	87	70	145	160	100	87	304	197	147	351	239	197
Max. Circuit Breaker (A)	101	60	42	33	94	81	42	42	144	86	67	168	114	86
Min. Circuit Ampacity (A)	57	34	24	19	53	45	24	24	80	49	38	94	64	49
Refrigerant Type	R410A				R410A				R410A			R410A		
Max. Height[2] (in/mm)	18.25 / 464				18.25 / 464				25.2 / 641			25.2 / 641		
Width-Drain Pan[2] (in/mm)	12 / 305				12 / 305				20.13 / 512			20.13 / 512		
Max. Width[2] (in/mm)	12.69 / 323				12.69 / 323				21.5 / 547			21.5 / 547		
Depth-Drain Pan[2] (in/mm)	24 / 610				24 / 610				36.75 / 934			36.75 / 934		
Max. Depth[2] (in/mm)	25.38 / 645				25.38 / 645				40.03 / 1,017			40.03 / 1,017		
Seawater Inlet Connection (in/mm)	1 / 26				1 / 26				2 / 51			2 / 51		
Chilled Water Inlet Connection Size (in/mm)	1.25 / 32				1.25 / 32				2 / 51			2 / 51		
Height-Electrical Box (in/mm)	11 / 280				11 / 280				13.3 / 338			13.3 / 338		
Width-Electrical Box (in/mm)	9.8 / 249				9.8 / 249				12 / 305			12 / 305		
Depth-Electrical Box (in/mm)	3.7 / 94				3.7 / 94				4.3 / 110			4.3 / 110		

1. For information about net weight and shipping weight please contact a Dometic Marine sales representative at 954-973-2477.
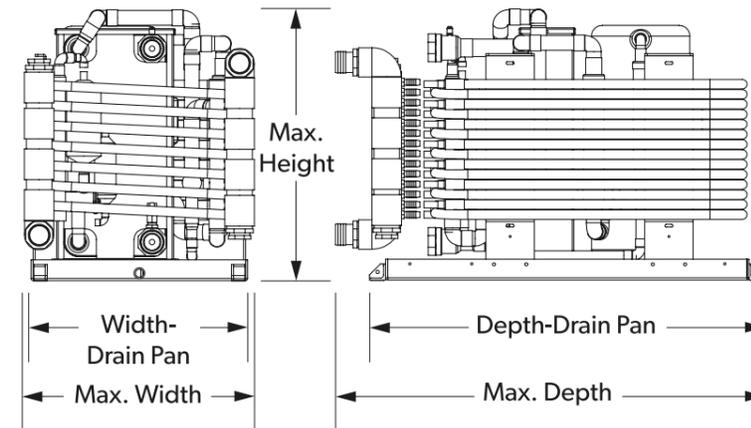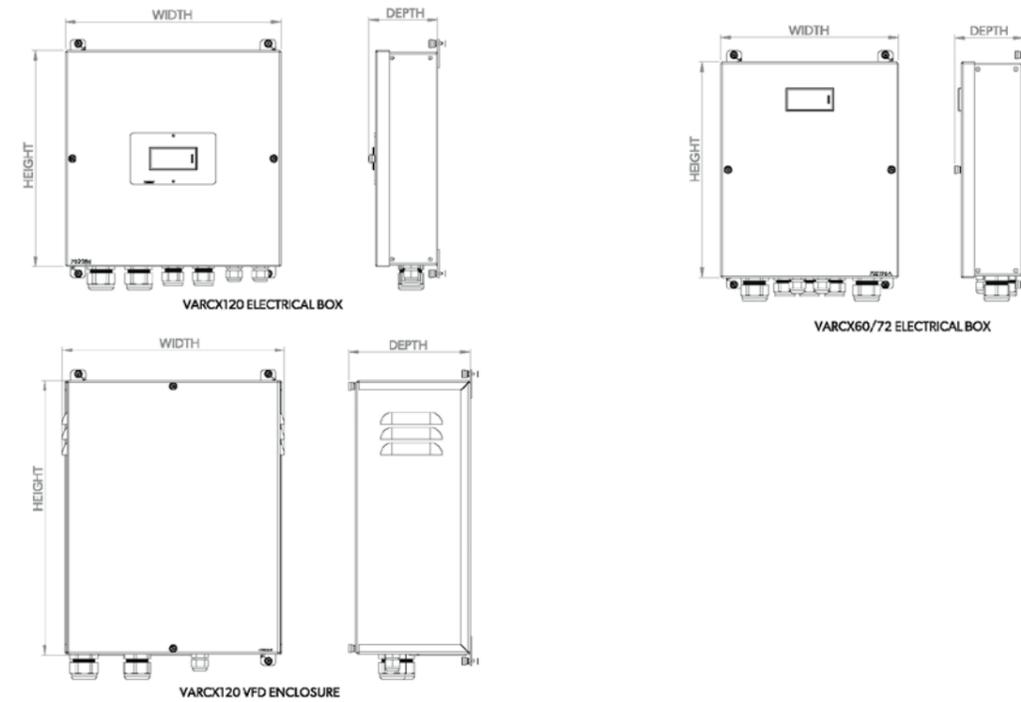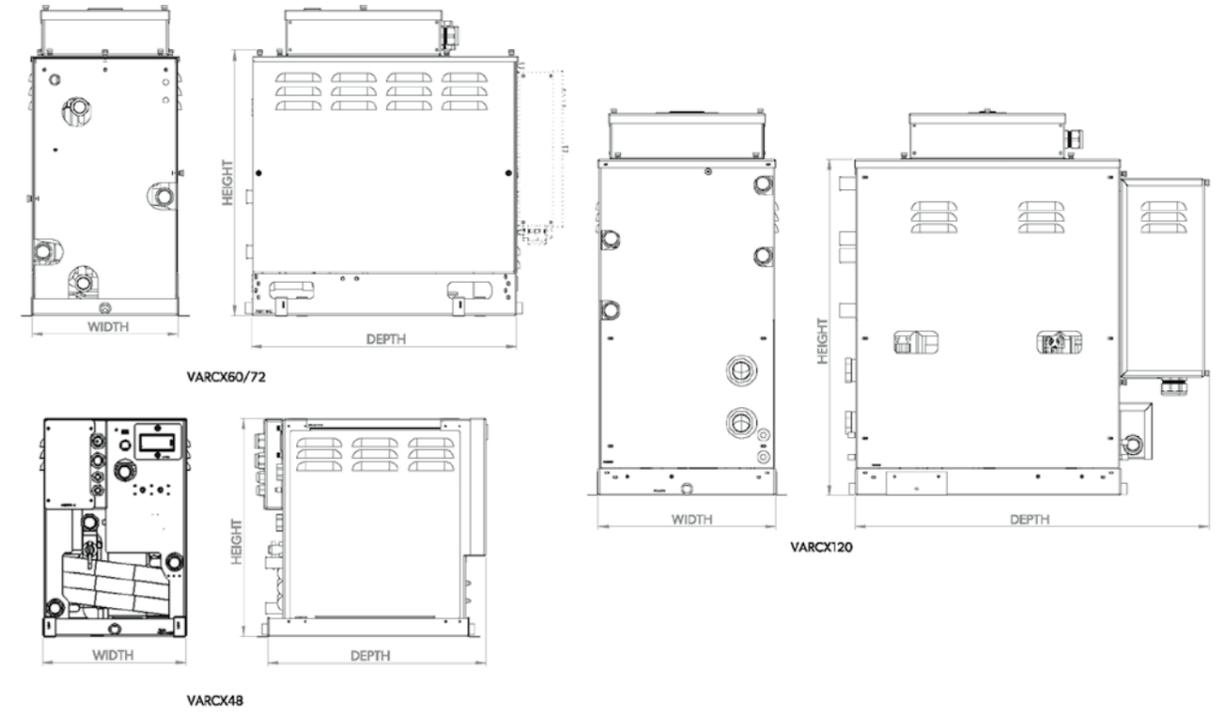2. All dimensions ± 0.30 in/8 mm.

MCGXLP 3- TO 6-TON MODULES

MCGXLP 12.5- TO 15-TON MODULES

Dometic VARCX

Titanium Variable Capacity Chillers

MODEL	VARCX48	VARCX60	VARCX72	VARX120		
Capacity (BTU/h)	12,000–48,000	15,000–60,000	18,000–72,000	30,000–120,000		
Voltage (V)	208–230	208–230	208–230	230	230	380–460
Cycle (Hz)	50/60	50/60	50/60	50/60	50/60	50/60
Phase (Ph)	1	1	1	1	3	1
Full Load (FLA) Cool (A)	15.9	21.0**	28.0**	50**	40**	22.3/18.4
Full Load (FLA) Heat (A)	17.0	21.0	28.0**	50**	40**	27.5/22.7
Refrigerant	410A	410A	410A	410A		
Seawater Connection OD Tube FPT (in/mm)	1.0 / 25	1.25 / 32	1.25 / 32	*(2×) 1.25 / 32		
Chilled Water Connection FPT (in/mm)	1.0 / 25	1.0 / 25	1.0 / 25	1.5 / 38		
Drain Connection (in/mm)	0.5 / 13	0.5 / 13	0.5 / 13	0.5 / 13		
Net Weight (lbs/kg)	108 / 49	172 / 78	190 / 86	315 / 143		
Gross Weight (lbs/kg)	194 / 88	236 / 107	260 / 118	435 / 197		
Height (in/mm)	19.7 / 501	24.0 / 610	24.0 / 610	30.4 / 772		
Width (in/mm)	13.0 / 330	13.3 / 338	13.3 / 338	16.1 / 409		
Depth (in/mm)	19.7 / 500	24.0 / 610	24.0 / 610	32.0 / 813		
Height-Electrical Box (in/mm)	n/a	14.2 / 361	14.2 / 361	14.2 / 361		
Width-Electrical Box (in/mm)	n/a	11.7 / 298	11.7 / 298	14.2 / 361		
Depth-Electrical Box (in/mm)	n/a	4.1 / 105	4.1 / 105	4.1 / 106		

*   VARCX120 Seawater Connection has two inlets and two outlets at 1.25 in/32 mm.

** Maximum VFD input current shown. Actual operating amperages are normally lower.

VARCX60/72

VARCX48

VARCX120

VARCX120 ELECTRICAL BOX

VARCX60/72 ELECTRICAL BOX

VARCX120 VFD ENCLOSURE

Contents, specifications and availability are subject to change in the interests of technical improvement.

Dometic PCWM

Designed to ensure simple and intuitive use, the heat pump unit is specifically for air-conditioning systems on boats; it is, therefore, made with materials highly resistant to corrosion. The PRWM units differ from PCWM/FCL units in that they use only the R-410A gas with which they are pre-filled at the factory. The products are available in a broad range of models with different power ratings. There is an electronic control system for operating each unit.

- Compact design
- Easy to install
- Materials highly resistant to corrosion
- Uses R-410A and R407C gas
- Smart Start for single-phase installations
- Available with titanium condenser

ACCESSORIES

- Inverter for three-phase/starter systems
- Inverter for single-phase systems
- Vertical version on request

88,000 – 288,000 BTU/h

WM Series

The WMs are units for producing cold water, made with materials resistant to corrosion. These units are available in a broad range of models with different power ratings. Each unit has its own circuit switch, flow switch, antifreeze protection, and high and low pressure refrigerant switch; these safety settings help to protect the compressor against overheating.

- Rust-free composite drain pan with "positive flow" drain channels for no spills and rapid removal of condensate
- Vibration-isolation mounts reduce noise and vibration
- Single adjustment screw for 270° of blower rotation
- Easy access to water heater overload reset button
- R-407C gas
- Fully customizable

160,000 – 1,200,000 BTU/h

Dometic PCWM VAR

Designed to ensure simple and intuitive use, the PCWM VAR heat pump unit with variable speed compressor is available in a broad range of models, all with different power ratings suited for almost any application. The modulating system guarantees excellent functional performance and energy savings, and the system features dedicated inverters to limit the inrush current during the start-up process.

- Modular compressor speed (from 20 rps to 100 rps)
- Starting compressor power peak eliminated by dedicated Inverters
- Low energy consumption
- Anti-freeze protection of the plate heat exchanger and seawater exchanger
- Sea water pumps' functioning control (cyclic/direct) can be controlled by the software
- Available with titanium condenser

18,000 – 144,000 BTU/h

25% Smaller in length than On/Off Systems

20% Less average weight than On/Off Systems

Adaptable compressor speed results in optimised power consumption

Peak spikes are automatically regulated by inverter

Electronic thermostat valve regulates superheat soil

Zero modulating starting speed, inverter gives smooth acceleration

Eco Mode: system matches power supplied in certain underpowered dock plugs

Inverter allows all PCWM VAR units to support bi-frequency compressors

Microchiller

Microchillers are not only easy to use and install but are used to produce both hot and cold water. This unit is extremely compact, making it suitable for applications where very little depth is available. Featuring a slim profile these air handlers make previously unusable areas suitable for installation.

- Unique vertical design results in dramatically reduced depth
- Fits into walls and other tight spaces
- Low-profile models have a reduced height for tight installation spaces
- Square models allow 90° of blower rotation in the field
- Exposed sheet metal is insulated against secondary condensation
- Optional DC "Whispercool" blowers are extremely quiet
- Modularity for attaining the required capacity with greater flexibility

18,000 – 42,000 BTU/h

Contents, specifications and availability are subject to change in the interests of technical improvement.

Dometic PCWM / FCL

Heat Pump Units, PCWM / FCL Q.S. – 3/4 Compressors

MODEL			22503	27003	30004	36004	45003	60004	72004	81004
Refrigerant			R407C	R407C	R407C	R407C	R407C	R407C	R407C	R407C
Rated cooling capacity		kcal/h	22,500	27,000	30,000	36,000	45,000	60,000	72,000	81,000
		Btu/h	90,000	108,000	120,000	144,000	180,000	240,000	288,000	324,000
		W	26,163	31,395	34,884	41,860	52,326	69,767	83,736	94,203
Rated heating capacity		kcal/h	28,125	33,750	37,500	45,000	56,250	75,000	90,000	101,250
		Btu/h	112,500	135,000	150,000	180,000	225,000	300,000	360,000	405,000
		W	32,703	39,244	43,605	52,326	65,407	87,209	104,670	117,753
Compressor	**Absorption (A)**	230/1/50	13.7	13.7	13.7	13.7	n/a	n/a	n/a	n/a
		230/1/60	14.5	18.4	14.5	18.4	n/a	n/a	n/a	n/a
		230/3/50	11.1	14.1	11.1	14.1	15.1	15.1	23.9	n/a
		208/3/60	n/a	n/a	n/a	n/a	18.5	18.5	18.5	21.7
		400/3/50	4.8	4.8	4.8	4.8	8.5	8.5	9.9	12.5
		440/3/60	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Dimensions (mm)	**Separate panel**	Length (mm)	1100	1050	1200	1200	1250	1500	1400	1400
		Width (mm)	600	600	700	700	730	840	850	850
		Height (mm)	510	560	560	560	610	600	680	680
Panel L × H × W (mm)		230/1	400 × 500 × 250		500 × 700 × 250		custom	custom	custom	custom
		400/3	400 × 500 × 250		500 × 700 × 250		400×500×250		500 × 700 × 250	
Weight (kg)			231	241	315	363	370	450	custom	custom
Pumps (kW/A)	**Fresh water circulation**	230/1/50	0.55 / 3.5	0.75 / 5.7	0.75 / 5.7	0.75 / 5.7	n/a	n/a	n/a	n/a
		230/1/60	0.55 / 4.3	0.75 / 6.5	0.75 / 6.5	0.75 / 6.5	n/a	n/a	n/a	n/a
		230/3/50	0.55 / 3.0	0.75 / 4.0	0.75 / 4.0	0.75 / 4.0	1.1 / 5.0	1.5 / 7.5	1.5 / 7.5	n/a
		208/3/60	n/a	n/a	n/a	0.75 / 4.5	1.1 / 5.7	1.5 / 4.3	1.5 / 8.0	2.2 / 10.7
		400/3/50	0.55 / 1.7	0.75 / 2.3	0.75 / 2.3	0.75 / 2.3	1.1 / 2.9	1.5 / 4.3	1.5 / 4.3	2.2 / 5.3
		440/3/60	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	Salt water circulation	230/1/50	0.55 / 4.5	0.55 / 4.5	0.55 / 4.5	0.75 / 5.8	n/a	n/a	n/a	n/a
		230/1/60	0.55 / 5.4	0.55 / 5.2	0.55 / 5.2	0.75 / 7.0	n/a	n/a	n/a	n/a
		230/3/50	0.55 / 3.0	0.55 / 3.0	0.55 / 3.0	0.75 / 4.0	0.75 / 4.0	1.1 / 5.0	1.1 / 5.0	n/a
		208/3/60	n/a	n/a	n/a	0.75 / 4.8	0.75 / 4.8	1.1 / 6.0	1.1 / 6.0	1.1 / 2.9
		400/3/50	0.55 / 1.7	0.55 / 1.7	0.55 / 1.7	0.75 / 2.3	0.75 / 2.3	1.1 / 2.9	1.1 / 2.9	1.1 / 2.9
		440/3/60	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Water connections		Salt water	1 ¼" gas M	1 ¼" gas M	1 ½" gas M	1 ½" gas M	2" gas M	4 × ½" gas M	4 × ½" gas M	4 × ½" gas M
		Circulation	1 ¼" gas F	1 ¼" gas F	1 ½" gas F	1 ½" gas M	2" gas F	2" gas F	2" gas F	2" gas F
		Drainage	3/8" gas F	3/8" gas F	3/8" gas F	3/8" gas F	3/8" gas F	3/8" gas F	3/8" gas F	3/8" gas F
		Filling	1/2" gas F	1/2" gas F	1/2" gas F	1/2" gas F	1/2" gas F	1/2" gas F	1/2" gas F	1/2" gas F

Where the diameter is in mm, a pipe fitting is used; and where the diameter is in inches, a threaded connection ring is used.
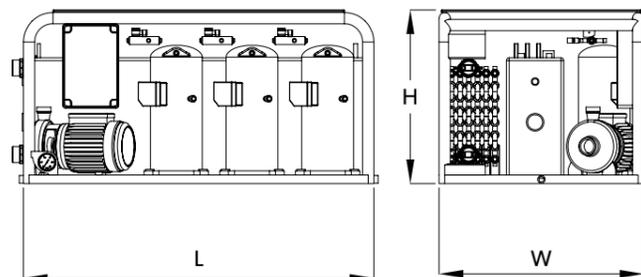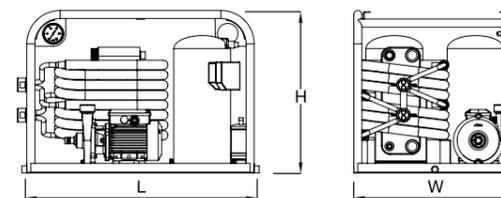

Dometic PCWM / LT

Heat Pump Units, PCWM / LT Q.S. – 1 / 2 Compressors

MODEL			45001	27502	30002	45002	60002	72002
Refrigerant			R410A	R410A	R410A	R410A	R410A	R410A
Rated cooling capacity		kcal/h	45,000	27,500	30,000	45,000	60,000	72,000
		Btu/h	180,000	110,000	120,000	180,000	240,000	288,000
		W	52,326	32,219	34,884	52,326	69,767	83,721
Rated heating capacity		kcal/h	56,250	34,376	37,500	56,250	75,000	90,000
		Btu/h	225,000	137,510	150,000	225,000	300,000	360,000
		W	65,407	39,972	43,605	65,407	87,209	10,4651
Compressor	**Absorption (A)**	230/1/50	n/a	29.0	29.0	n/a	n/a	n/a
		230/1/60	n/a	24.3	n/a	n/a	n/a	n/a
		230/3/50	n/a	n/a	17.3	23.0A	n/a	n/a
		208/3/60	45.7	n/a	17.3	23.0	n/a	n/a
		220/3/60	n/a	n/a	n/a	n/a	32.9	45.7
		400/3/50	24.4	n/a	8.6	11.6	21.6	18.3
		440/3/60	n/a	n/a	n/a	n/a	n/a	n/a
Dimensions (mm)	**Separate panel**	Length (mm)	800	1050	1050	1200	970	970
		Width (mm)	550	560	560	620	870	870
		Height (mm)	750	600	600	600	750	750
Panel L × H × W (mm)		230/1	400 × 500 × 250	400 × 600 × 250	400 × 500 × 250	400 × 500 × 250	400 × 500 × 250	400 × 500 × 250
		400/3	400 × 500 × 250	custom	custom	custom	custom	custom
Weight (kg)			custom	custom	custom	custom	custom	custom
Pumps (kW/A)	**Fresh water circulation**	230/1/50	n/a	0.75 / 5.7	0.75 / 5.7	n/a	n/a	n/a
		230/1/60	n/a	0.75 / 6.5	0.75 / 6.5	n/a	n/a	n/a
		230/3/50	1.1 / 5.0	0.75 / 4.0	0.75 / 4.0	1.1 / 5.0	1.5 / 7.5	1.5 / 7.5
		208/3/60	1.1 / 5.7	0.75 / 4.5	0.75 / 4.5	1.1 / 5.7	1.5 / 8.0	1.5 / 8.0
		400/3/50	1.1 / 2.9	0.75 / 2.3	0.75 / 2.3	1.1 / 2.9	1.5 / 4.3	1.5 / 4.3
		440/3/60	n/a	n/a	n/a	n/a	n/a	n/a
	Salt water circulation	230/1/50	n/a	0.55 / 4.5	0.55 / 4.5	n/a	n/a	n/a
		230/1/60	n/a	0.55 / 5.2	0.55 / 5.2	n/a	n/a	n/a
		230/3/50	0.75 / 4.0	0.55 / 3.0	0.55 / 3.0	0.75 / 4.0	1.1 / 5.0	1.1 / 5.0
		208/3/60	0.75 / 4.8	0.55 / 4.5	0.55 / 4.5	0.75 / 4.8	1.1 / 6.0	1.1 / 6.0
		400/3/50	0.75 / 2.3	0.55 / 1.7	0.55 / 1.7	0.75 / 2.3	1.1 / 2.9	1.1 / 2.9
		440/3/60	n/a	n/a	n/a	n/a	n/a	n/a
Water connections		Salt water	Ø45	1 ½" gas M	1 ½" gas M	2" gas M	2" gas M	2" gas M
		Circulation	1 ½" gas F	1 ½" gas F	1 ½" gas F	2" gas F	2" gas F	2" gas F
		Drainage	3/8" gas F	3/8" gas F	3/8" gas F	3/8" gas F	1/2" gas F	1/2" gas F
		Filling	1/2" gas F	1/2" gas F	1/2" gas F	1/2" gas F	1/2" gas F	1/2" gas F

Where the diameter is in mm, a pipe fitting is used; and where the diameter is in inches, a threaded connection ring is used.

Contents, specifications and availability are subject to change in the interests of technical improvement.

Dometic PCWM VAR

Heat Pump Units With Variable Yield, 1 Compressor

MODEL			9001	12001	15001	18001
Refrigerant			R410A	R410A	R410A	R410A
Rated cooling capacity		kcal/h	9,000	12,000	15,000	18,000
		Btu/h	36,000	48,000	60,000	72,000
		W	10,465	13,953	17,442	20,930
Rated heating capacity		kcal/h	11,250	15,000	18,750	22,500
		Btu/h	45,000	60,000	75,000	90,000
		W	13,081	17,442	21,802	26,163
Dimensions (mm)	**Fitted panel**	Length (mm)	custom	700	700	720
		Width (mm)	custom	500	500	550
		Height (mm)	custom	500	500	580
Panel L × H × W (mm)		230/1	300 × 400 × 200	300 × 400 × 200	300 × 400 × 200	300 × 400 × 200
		400/3	custom	custom	custom	custom
Weight (kg)			custom	custom	110	custom
Pumps (kW/A)	**Fresh water circulation**	230/1/50	0.45 / 3.0	0.45 / 3.0	0.55 / 3.5	0.55 / 3.5
		230/1/60	0.55 / 4.3	0.55 / 4.3	0.55 / 4.3	0.55 / 4.3
		230/3/50	0.45 / 2.4	0.45 / 2.4	0.55 / 3.0	0.55 / 3.0
		208/3/60	n/a	n/a	n/a	n/a
		400/3/50	0.45 / 1.4	0.45	0.45 / 1.4	0.55 / 1.7
		440/3/60	n/a	n/a	n/a	n/a
	Salt water circulation	230/1/50	0.37 / 2.8	0.45 / 3.6	0.45 / 3.6	0.55 / 4.5
		230/1/60	0.37 / 3.4	0.45 / 4.3	0.45 / 4.3	0.55 / 5.4
		230/3/50	0.37 / 2.3	0.45 / 2.3	0.45 / 2.3	0.55 / 3.0
		208/3/60	n/a	n/a	n/a	n/a
		400/3/50	0.37 / 1.3	0.45 / 1.3	0.45 / 1.3	0.55 / 1.7
		440/3/60	n/a	n/a	n/a	n/a
Water connections		Salt water	Ø19	1" gas F	1" gas F	1 ¼" gas M
		Circulation	Ø25	1" gas M	1" gas M	1" gas M
		Drainage	n/a	3/8" gas F	3/8" gas F	3/8" gas F
		Filling	n/a	1/2" gas F	1/2" gas F	1/2" gas F

Where the diameter is in mm, a pipe fitting is used; and where the diameter is in inches, a threaded connection ring is used.
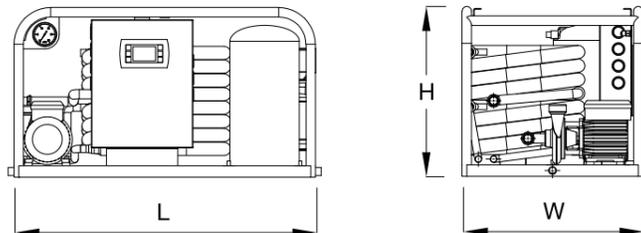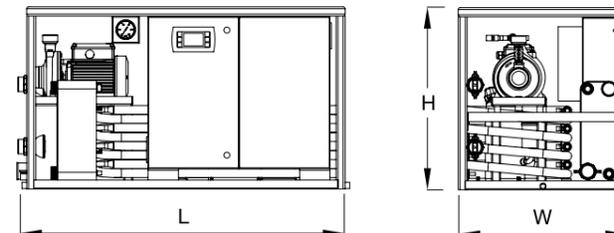

Dometic PCWM VAR

Heat Pump Units With Variable Yield. 2 Compressors

MODEL			24002	27502	30002	36002
Refrigerant			R410A	R410A	R410A	R410A
Rated cooling capacity		kcal/h	24,000	27,500	30,000	36,000
		Btu/h	96,000	110,000	120,000	144,000
		W	27,905	31,977	34,884	41,860
Rated heating capacity		kcal/h	30,000	34,377	37,500	45,000
		Btu/h	120,000	137,510	150,000	180,000
		W	34,884	39,973	43,605	52,325
Dimensions (mm)	**Fitted panel**	Length (mm)	1,050	1,050	1,050	1,150
		Width (mm)	560	560	560	6,50
		Height (mm)	600	600	600	1,150
Panel L × H × W (mm)		230/1	600 × 500 × 150	600 × 500 × 150	600 × 500 × 150	800 × 700 × 220
		400/3	800 × 600 × 200	800 × 600 × 200	800 × 600 × 200	custom
Weight (kg)			custom	custom	custom	custom
Pumps (kW/A)	**Fresh water circulation**	230/1/50	n/a	0.75 / 5.7	0.75 / 5.7	n/a
		230/1/60	n/a	0.75 / 6.5	0.75 / 6.5	n/a
		230/3/50	n/a	0.75 / 4.0	0.75 / 4.0	n/a
		208/3/60	n/a	0.75 / 4.5	0.75 / 4.5	n/a
		400/3/50	n/a	0.75 / 2.3	0.75 / 2.3	n/a
		440/3/60	n/a	n/a	n/a	n/a
	Salt water circulation	230/1/50	n/a	n/a	0.55 / 4.5	n/a
		230/1/60	n/a	n/a	0.55 / 5.2	n/a
		230/3/50	n/a	n/a	0.55 / 3.0	n/a
		208/3/60	n/a	n/a	0.55 / 4.5	n/a
		400/3/50	n/a	n/a	0.55 / 1.7	n/a
		440/3/60	n/a	n/a	n/a	n/a
Water connections		Salt water	1 ½" gas M	1 ½" gas M	1 ½" gas M	1 ½" gas M
		Circulation	1 ½" gas F	1 ½" gas F	1 ½" gas F	1 ½" gas F
		Drainage	3/8" gas F	3/8" gas F	3/8" gas F	3/8" gas F
		Filling	1/2" gas F	1/2" gas F	1/2" gas F	1/2" gas F

Where the diameter is in mm, a pipe fitting is used; and where the diameter is in inches, a threaded connection ring is used.

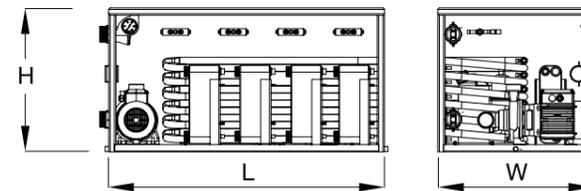Contents, specifications and availability are subject to change in the interests of technical improvement.

Dometic PCWM VAR

Heat Pump Units With Variable Yield, 3 Compressors

MODEL			45003	54003
Refrigerant			R410A	R410A
Rated cooling capacity		kcal/h	45,000	54,000
		Btu/h	180,000	216,000
		W	52,326	62,791
Rated heating capacity		kcal/h	56,250	67,500
		Btu/h	281,250	270,000
		W	65,407	78,488
Dimensions	**Separate panel**	**Length** (mm)	custom	custom
		Width (mm)	custom	custom
		Height (mm)	custom	custom
Panel L × H × W (mm)		230/1	720 × 550 × 200	custom
		400/3	custom	custom
Weight (kg)			257	custom
Pumps (kW/A)	**Fresh water circulation**	230/1/50	n/a	n/a
		230/1/60	n/a	n/a
		230/3/50	1.1 / 5.0	n/a
		208/3/60	1.1 / 5.7	n/a
		400/3/50	1.1 / 2.9	n/a
		440/3/60	n/a	n/a
	Salt water circulation	230/1/50	n/a	n/a
		230/1/60	n/a	n/a
		230/3/50	0.75 / 4.0	n/a
		208/3/60	0.75 / 4.8	n/a
		400/3/50	0.75 / 2.3	n/a
		440/3/60	n/a	n/a
Water connections		Salt water	2" gas M	n/a
		Circulation	2" gas F	n/a
		Drainage	3/8" gas F	n/a
		Filling	1/2" gas F	n/a

Where the diameter is in mm, a pipe fitting is used; and where the diameter is in inches, a threaded connection ring is used.
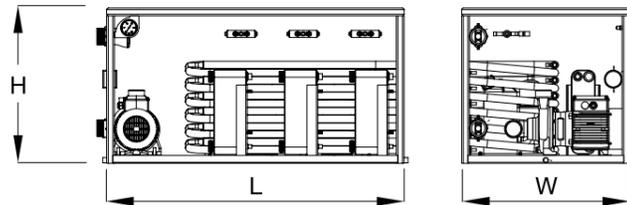

Dometic PCWM VAR

Heat Pump Units With Variable Yield, 4 Compressors

MODEL			48004	60004	72004	80004	96004	120004
Refrigerant			R410A	R410A	R410A	R410A	R410A	R410A
Rated cooling capacity		kcal/h	48,000	60,000	72,000	80,000	96,000	120,000
		Btu/h	192,000	240,000	288,000	320,000	384,000	480,000
		W	55,814	69,767	83,721	93,023	111,628	139,535
Rated heating capacity		kcal/h	60,000	75,000	90,000	100,000	120,000	150,000
		Btu/h	240,000	300,000	360,000	400,000	480,000	600,000
		W	69,767	87,209	10,4651	116,280	139,535	174,419
Dimensions	**Fitted panel**	**Length** (mm)	custom	custom	custom	custom	custom	custom
		Width (mm)	custom	custom	custom	custom	custom	custom
		Height (mm)	custom	custom	custom	custom	custom	custom
Panel L × H × W (mm)		230/1	custom	custom	custom	custom	custom	custom
		400/3	custom	custom	custom	custom	custom	custom
Weight (kg)			custom	custom	custom	custom	custom	custom
Pumps (kW/A)	**Fresh water circulation**	230/1/50	n/a	n/a	n/a	n/a	n/a	n/a
		230/1/60	n/a	n/a	n/a	n/a	n/a	n/a
		230/3/50	n/a	1.5 / 7.5	1.5 / 7.5	n/a	n/a	n/a
		208/3/60		1.5 / 8.0	1.5 / 8.0	n/a	n/a	n/a
		400/3/50	n/a	1.5 / 4.3	1.5 / 4.3	n/a	n/a	n/a
		440/3/60	n/a	n/a	n/a	n/a	n/a	n/a
	Salt water circulation	230/1/50	n/a	n/a	n/a	n/a	n/a	n/a
		230/1/60	n/a	n/a	n/a	n/a	n/a	n/a
		230/3/50	n/a	1.1 / 5.0	1.1 / 5.0	n/a	n/a	n/a
		208/3/60	n/a	1.1 / 6.0	1.1 / 6.0	n/a	n/a	n/a
		400/3/50	n/a	1.1 / 2.9	1.1 / 2.9	n/a	n/a	n/a
		440/3/60	n/a	n/a	n/a	n/a	n/a	n/a
Water connections		Salt water	n/a	n/a	n/a	n/a	n/a	n/a
		Circulation	n/a	n/a	n/a	n/a	n/a	n/a
		Drainage	n/a	n/a	n/a	n/a	n/a	n/a
		Filling	n/a	n/a	n/a	n/a	n/a	n/a

Where the diameter is in mm, a pipe fitting is used; and where the diameter is in inches, a threaded connection ring is used.
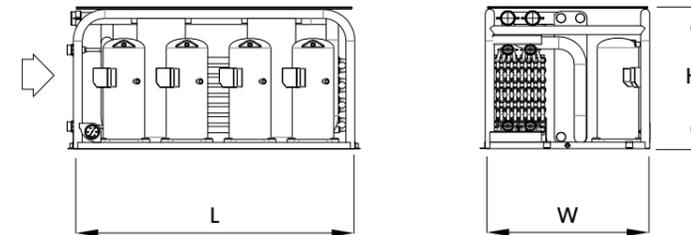
Contents, specifications and availability are subject to change in the interests of technical improvement.

Dometic WM

Cooling-Only Water Chillers with Salt Water Condensers, 2 Compressors

MODEL			90002	120002	150002	180002	210002	240002	300002
Refrigerant			R407C	R407C	R407C	R407C	R407C	R407C	R407C
Rated cooling capacity		kcal/h	9,0000	120,000	150,000	180,000	210,000	240,000	300,000
		Btu/h	360,000	480,000	600,000	720,000	840,000	960,000	1,200,000
		W	104,651	139,534	174,419	209,302	244,186	279,070	348,837
Dimensions	**Separate panel**	**Length** (mm)	1,650	1,650	1,800	1,800	1,800	1,800	custom
		Width (mm)	750	750	850	850	850	850	custom
		Height (mm)	1,100	1,150	1,150	1,150	1,150	1,150	custom
Weight (kg)			custom	custom	custom	custom	custom	custom	custom
Pumps (kW/A)	**Fresh water circulation**	400/3/50	2.2 / 5.3	2.2 / 5.3	4 / 9.6	4 / 9.6	7.5 / 14.3	7.5 / 14.3	7.5 / 14.3
		440/3/60	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	Salt water circulation	400/3/50	1.1 / 2.9	1.5 / 4.3	2.2 / 5.3	2.2 / 5.3	3 / 6.6	3 / 6.6	4 / 9.6
		440/3/60	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Water connections	**Salt water**		2 × 1½" gas F	2 × 1½" gas F	2 × 1½" gas F	2 × 1½" gas F	2 × 1½" gas F	2 × 1½" gas F	2 × 1½" gas F

Where the diameter is in mm, a pipe fitting is used; and where the diameter is in inches, a threaded connection ring is used.
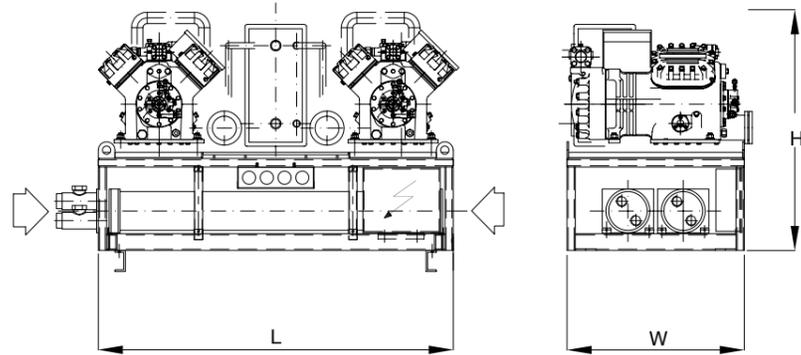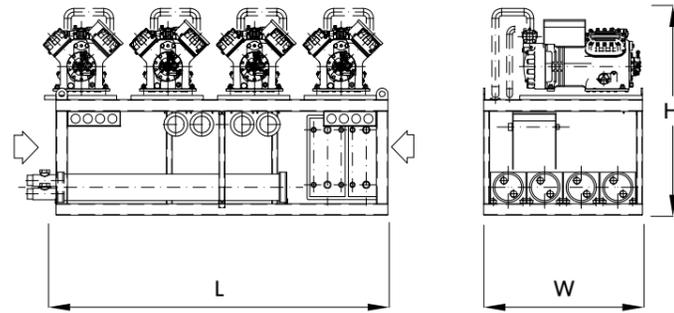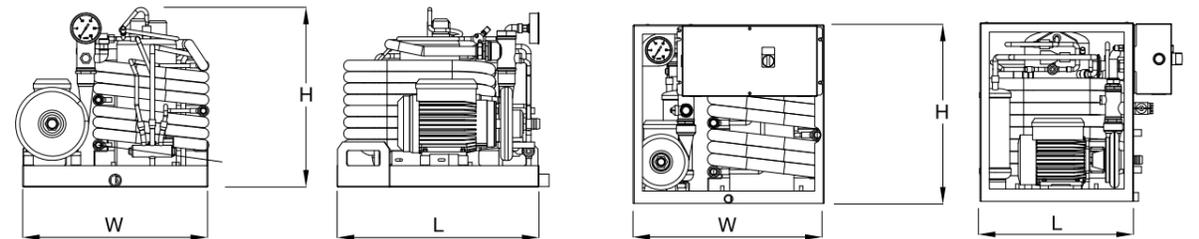

Dometic WM

Cooling-Only Water Chillers with Salt Water Condensers, 4 Compressors

MODEL			40004	48004	72004	81004
Refrigerant			R407C	R407C	R407C	R407C
Rated cooling capacity		kcal/h	40,000	48,000	72,000	81,000
		Btu/h	160,000	192,000	288,000	324,000
		W	46,512	55,814	83,721	94,186
Dimensions	**Separate panel**	**Length** (mm)	custom	custom	1,250	1,250
		Width (mm)	custom	custom	730	730
		Height (mm)	custom	custom	600	600
Weight (kg)			custom	custom	custom	custom
Pumps (kW/A)	**Fresh water circulation**	230/1/50	1.1 / 7.4	n/a	n/a	n/a
		230/1/60	n/a	1.1 / 8.5	n/a	n/a
		230/3/50	n/a	n/a	1.5 / 7.5	
		208/3/60	n/a	n/a	1.5 / 8.0	2.2 / 10.7
		400/3/50	1.1 / 2.9	1.1 / 2.9	1.5 / 4.3	2.2 / 5.3
		440/3/60	n/a	n/a	n/a	n/a
	Salt water circulation	230/1/50	0.55 / 4.5	n/a	n/a	n/a
		230/1/60	n/a	n/a	n/a	n/a
		230/3/50	n/a	n/a	1.1 / 5.0	n/a
		208/3/60	n/a	n/a	1.1 / 6.0	1.1 / 2.9
		400/3/50	0.55 / 1.7	0.75 / 2.3	1.1 / 2.9	1.1 / 2.9
		440/3/60	n/a	n/a	n/a	n/a
Water connections	**Salt water**		1½" gas M	1½" gas M	1½" gas M	1½" gas M
	Circulation		2" gas F	2" gas F	2" gas F	2" gas F
	Drainage		3/8" gas F	3/8" gas F	3/8" gas F	3/8" gas F
	Filling		1/2" gas F	1/2" gas F	1/2" gas F	1/2" gas F

Where the diameter is in mm, a pipe fitting is used; and where the diameter is in inches, a threaded connection ring is used.

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Dometic WM

Cooling-Only Water Chillers with Salt Water Condensers, 4 Compressors

MODEL			240004	300004	360004	400004
Refrigerant			R407C	R407C	R407C	R407C
Rated cooling capacity		kcal/h	240,000	300,000	360,000	400,000
		Btu/h	960,000	1,200,000	1,440,000	1,600,000
		W	279,070	348,837	418,605	465,117
Dimensions	Separate panel	Length (mm)	2,380	2,380	2,380	2,610
		Width (mm)	980	980	1,100	1,100
		Height (mm)	1,450	1,450	1,450	1,450
Weight (kg)			custom	custom	custom	custom
Pumps (kW/A)	Fresh water circulation	400/3/50	7.5 / 14.3	7.5 / 14.3	7.5 / 14.3	
		440/3/60	n/a	n/a	n/a	n/a
	Salt water circulation	400/3/50	3 / 6.6	4 / 9.6	4 / 9.6	
		440/3/60	n/a	n/a	n/a	n/a
Water connections	Salt water		4 × 1 ½" gas F	4 × 1 ½" gas F	4 × 1 ½" gas F	4 × 1 ½" gas F

Where the diameter is in mm, a pipe fitting is used; and where the diameter is in inches, a threaded connection ring is used.

Dometic Microchiller

Compact. Modular and Expandable Chillers

MODEL			18	24	30	36	42
Refrigerant			R410A	R410A	R410A	R410A	R410A
Rated cooling capacity		kcal/h	4.500	6.000	7.500	9.000	10.500
		Btu/h	18.000	24.000	30.000	36.000	42.000
		W	5.230	6.975	8.720	10.460	12.210
Rated heating capacity		kcal/h	5.625	7.500	9.000	11.250	13.125
		Btu/h	22.500	30.000	36.000	45.000	52.500
		W	6.540	8.720	10.460	13.080	15.225
Dimensions	Fitted panel	Length (mm)	425	495	495	615	615
		Width (mm)	405	460	460	400	400
		Height (mm)	380	430	430	450	450
Weight (kg)			43	custom	66	custom	78
Pumps (kW/A)	Fresh water circulation	230/1/50	0.37 / 2.5	0.45 / 3.0	0.45 / 3.0	0.45 / 3.0	0.45 / 3.0
		230/1/60	0.37 / 3.1	0.45 / 4.3	0.55 / 4.3	0.55 / 4.3	0.55 / 4.3
		230/3/50	n/a	n/a	n/a	0.45 / 2.4	0.45 / 2.4
		208/3/60	n/a	n/a	n/a	n/a	n/a
		400/3/50	n/a	n/a	0.45 / 1.4	0.45 / 1.4	0.45 / 1.4
		440/3/60	n/a	n/a	n/a	n/a	n/a
	Salt water circulation	230/1/50	0.37 / 2.8	0.37 / 2.8	0.37 / 2.8	0.37 / 2.8	0.37 / 2.8
		230/1/60	0.37 / 3.4	0.37 / 3.4	0.37 / 3.4	0.37 / 3.4	0.37 / 3.4
		230/3/50	n/a	n/a	n/a	0.37 / 2.3	0.37 / 2.3
		208/3/60	n/a	n/a	n/a	n/a	n/a
		400/3/50	n/a	n/a	0.37 / 1.3	0.37 / 1.3	0.37 / 1.3
		440/3/60	n/a	n/a	n/a	n/a	n/a
Water connections	Salt water		Ø16	Ø16	Ø16	Ø19	Ø19
	Circulation		Ø19	Ø19	Ø19	Ø25	Ø25
	Drainage		1/2" gas F	1/2" gas F	1/2" gas F	1/2" gas F	1/2" gas F
	Filling		1/2" gas F	1/2" gas F	1/2" gas F	1/2" gas F	1/2" gas F

Where the diameter is in mm, a pipe fitting is used; and where the diameter is in inches, a threaded connection ring is used.

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DOMETIC.COM — 63

Dometic AU Gold Series
Air Handlers

Featuring a rust-free composite drain pan, HV blowers and flexible mounting options, AU air handlers incorporate innovative features for quiet, powerful performance.

• Rust-free composite drain pan with "positive flow" drain channels for no spills and rapid removal of condensate
• Vibration-isolation mounts reduce noise and vibration
• Single adjustment screw for 270° of blower rotation
• Easy access to water heater overload reset button
• Optional integrated Breathe Easy™ air purifier
• Optional DC "Whispercool" blowers are extremely quiet

115 V/50 or 60 Hz
230 V/50 or 60 Hz

6,000 –
24,000 BTU/h

Dometic ATL
Low-Profile Air Handlers

An improved design approach to low-profile, draw-through air handlers, ATL "open top" units allow easier maintenance access and reduced dimensions overall.

• Suspend from above or support from below (hardware included)
• Vibration-isolation mounts reduce noise and vibration
• The bypass valve has a removable power head for simple servicing
• The valve body is soldered to prevent leaks
• Remote air bleeder on 6 ft/1.8 m of flexible tubing with ball valve
• Optional DC "Whispercool" blowers are extremely quiet

115 V/50 or 60 Hz
230 V/50 or 60 Hz

6,000 –
24,000 BTU/h

Dometic ATV
Slim-Profile Air Handlers

Designed for applications where very little depth is available. Featuring a slim profile these air handlers make previously unusable areas suitable for installation.

• Unique vertical design results in dramatically reduced depth
• Fits into walls and other tight spaces
• Low-profile models have a reduced height for tight installation spaces
• Square models allow 90° of blower rotation in the field
• Exposed sheet metal is insulated against secondary condensation
• Optional DC "Whispercool" blowers are extremely quiet

115V/50 or 60Hz
230V/50 or 60Hz

6,000 –
24,000 BTU/h

Contents, specifications and availability are subject to change in the interests of technical improvement.

Dometic AU

"Gold" Series Air Handlers

MODEL[1,2]	AU6HV		AU9HV		AU12HV		AU18HV		AU24HV	
Nominal Capacity – Cool (BTU/h)	6,000		9,000		12,000		18,000		24,000	
Voltage @ 50/60 Hz 1-Ph (V)	230	115	230	115	230	115	230	115	230	115
Full Load (FLA) Cool (A)	0.83	1.56	0.61	1.14	0.78	1.61	1.18	2.52	1.64	3.4
Full Load (FLA) Heat (A)	5.18	10.26	4.96	9.84	7.3	14.65	14.22	28.61	14.68	29.49
Optional Electric Heat (kW)	1		1.5		1.5		3		3	
Max. Circuit Breaker (A)	10	15	10	15	10	20	15	30	20	35
Min. Circuit Ampacity (A)	6	11	6	11	8	16	15	30	16	31
Water Flow (gpm/lpm)	1.5 / 5.7		2.3 / 8.8		3 / 11.4		4.5 / 17.1		6 / 22.8	
Air Flow (cfm/m³h)	229 / 390		278 / 473		338 / 575		465 / 791		506 / 860	
External Static Pressure (in H₂O/Pa)	0.3 / 74.7		0.3 / 74.7		0.3 / 74.7		0.3 / 74.7		0.3 / 74.7	
Chilled Water Pressure Drop (PSI)	1.1		4.4		8		4.6		11	
Max. Height³ (in/mm)	12.13 / 309		13.31 / 339		13.38 / 340		15.38 / 391		16.75 / 426	
Max. Width³ (in/mm)	14.5 / 369		16.5 / 420		16.5 / 420		20.13 / 512		22.63 / 575	
Max. Depth³ (in/mm)	12.56 / 320		13.25 / 337		14.25 / 362		15 / 381		15.38 / 391	
Drain Connection Size (in/mm)	0.5 / 13		0.5 / 13		0.5 / 13		0.5 / 13		0.5 / 13	
Drain Connection Type	FPT		FPT		FPT		FPT		FPT	
Chilled Water Connection Size (in/mm)	0.5 / 13		0.5 / 13		0.5 / 13		0.5 / 13		0.5 / 13	
Chilled Water Connection Type	FPT		FPT		FPT		FPT		FPT	
Min. Supply Duct Size (in/mm)	5 / 127		6 / 153		6 / 153		7 / 178		8 / 204	
Min. Supply Air Grille Size (sq in/cm²)	35 / 226		49 / 317		70 / 452		100 / 646		140 / 904	
Min. Return Air Grille Size (sq in/cm²)	70 / 452		98 / 633		130 / 839		200 / 1291		240 / 1549	
Net Weight (lbs/kg)	22 / 10		26 / 11.8		30 / 13.6		34.75 / 15.8		40.5 / 18.4	
Gross Weight (lbs/kg)	29 / 13.15		34 / 15.4		39 / 17.7		45 / 20.5		53 / 24.0	

1. Model numbers shown are for 115 V units with high-velocity (HV) blowers. Add a 'Z' for 230 V units; add '-FC' for optional flow control; add '-L__' or '-R__' for valve position (relative to the coil) and angle of the blower; add '__kW' for amount of optional electric heat in kilowatts (for ex. 1.5 kW). See DWG H3050002 for a visual explanation of valve orientation and blower angle.
2. 'HV' indicates high-velocity blower.
3. All dimensions ± 0.30 in/8 mm.

Dometic AU

"Gold" Series Air Handlers

MODEL[1,2]	AU6DC	AU9DC	AU12DC	AU18DC	AU24DC
Nominal Capacity – Cool (BTU/h)	6,000	9,000	12,000	18,000	24,000
Voltage @ 50/60 Hz 1-Ph (V)	230	230	230	230	230
Full Load (FLA) Cool (A)	1.4	1.4	3.17	3.9	3.86
Full Load (FLA) Heat (A)	5.75	7.92	9.69	17	16.9
Full Load (FLA) Blower (A	1.4	1.4	3.2	3.9	3.9
Optional Electric Heat (kW)	1	1	1.5	3	3
Max. Circuit Breaker (A)	10	10	15	20	20
Min. Circuit Ampacity (A)	7	9	11	18	18
Water Flow (gpm/lpm)	1.5 / 5.7	2.25 / 8.6	3 / 11.4	4.5 / 17.1	6 / 22.8
Air Flow (cfm/m³h)	200 / 340	300 / 510	400 / 680	600 / 1,020	700 / 1,190
External Static Pressure (in H₂O/Pa)	2.9 / 722.1	2.8 / 697.2	2.6 / 647.4	2.1 / 522.9	1.4 / 348.6
Chilled Water Pressure Drop (PSI)	1.1	4.4	8	4.6	11
Max. Height² (in/mm)	11.7 / 298	13.4 / 341	13.4 / 341	14.4 / 366	15.5 / 394
Max. Width² (in/mm)	14.4 / 366	16.4 / 417	16.4 / 417	19.9 / 506	22.4 / 569
Max. Depth² (in/mm)	14 / 356	14 / 356	16.7 / 425	17.3 / 440	17.3 / 440
Drain Connection Size (in/mm)	0.5 / 13	0.5 / 13	0.5 / 13	0.5 / 13	0.5 / 13
Drain Connection Type	FPT	FPT	FPT	FPT	FPT
Chilled Water Connection Size (in/mm)	0.5 / 13	0.5 / 13	0.5 / 13	0.5 / 13	0.5 / 13
Chilled Water Connection Type	FPT	FPT	FPT	FPT	FPT
Min. Supply Duct Size (in/mm)	5 / 127	6 / 153	6 / 153	7 / 178	8 / 204
Min. Supply Air Grille Size (sq in/cm²)	35 / 226	49 / 317	70 / 452	100 / 646	140 / 904
Min. Return Air Grille Size (sq in/cm²)	70 / 452	98 / 633	130 / 839	200 / 1291	240 / 1549
Net Weight (lbs/kg)	24 / 10.9	26.5 / 12.1	33.25 / 15.1	42 / 19.1	46 / 20.9
Gross Weight (lbs/kg)	31 / 14.1	35 / 15.9	42 / 19.1	54 / 24.5	58 / 26.4

1. Model numbers shown are for 230 V units with brushless "WhisperCool" (DC) blowers. Add a 'Z' for 230 V units; add '-FC' for optional flow control; add '-L__' or '-R__' for valve position (relative to the coil) and angle of the blower; add '__kW' for amount of optional electric heat in kilowatts (for ex. 1.5 kW). See DWG H3050002 for a visual explanation of valve orientation and blower angle.
2. All dimensions ± 0.30 in/8 mm.

Dometic ATV
Slim-Profile Air Handlers

MODEL[1]	ATV6HV-LP		ATV9HV-LP		ATV12HV-LP		ATV18HV-LP		ATV24HV-LP	
Nominal Capacity – Cool (BTU/h)	6,000		9,000		12,000		18,000		24,000	
Voltage @ 50/60 Hz 1-Ph (V)	115	230	115	230	115	230	230	115	230	115
Full Load Amps (FLA) Cool (A)	1.6	0.9	1.1	0.7	1.5	0.7	1.15	2.3	1.64	2.3
Full Load Amps (FLA) Blower (A)	1.6	0.9	1.1	0.7	1.5	0.7	1.15	2.3	1.64	2.3
Optional Electric Heat (kW)	1		1.5		1.5		3		3	
Heater Amps (A)	8.7	4.3	13	6.5	13	6.5	13	26.1	13	26.1
Max. Circuit Breaker (A)	5		5		5		5		5	
Min. Circuit Ampacity (A)	2		2	1	2	1	2	3	3	
Water Flow (gpm/lpm)	1.5 / 5.7		2.25 / 8.6		3 / 11.4		4.5 / 17.1		6 / 22.8	
Air Flow (cfm/m³h)	245 / 417		280 / 476		370 / 629		485 / 825		709 / 1205	
External Static Pressure (in H$_2$O/Pa)	0.3 / 74.7		0.3 / 74.7		0.3 / 74.7		0.3 / 74.7		0.3 / 74.7	
Max. Height [2][3] (in/mm)	23 / 585		24.2 / 615		24.1 / 613		28.1 / 714		31.46 / 800	
Width-Drain Pan [2] (in/mm)	19.4 / 493		19.4 / 493		19.2 / 488		20.3 / 516		22.8 / 580	
Depth-Drain Pan [2] (in/mm)	4.4 / 112		4.4 / 112		4.2 / 107		6.3 / 160		7.93 / 202	
Max. Depth [2] (in/mm)	7.1 / 181		7.7 / 196		7.9 / 201		9.1 / 232		10.86 / 276	
Drain Connection Size (in/mm)	0.5 / 13		0.5 / 13		0.5 / 13		0.5 / 13		0.5 / 13	
Drain Connection Type	FPT		FPT		FPT		FPT		FPT	
Chilled Water Connection Size (in/mm)	0.5 / 13		0.5 / 13		0.5 / 13		0.5 / 13		0.5 / 13	
Chilled Water Connection Type	FPT		FPT		FPT		FPT		FPT	
Min. Supply Duct Size (in/mm)	5 / 127		6 / 153		6 / 153		7 / 178		8 / 204	
Min. Supply Air Grille Size (sq in/cm²)	35 / 226		49 / 317		70 / 452		100 / 646		140 / 904	
Min. Return Air Grille Size (sq in/cm²)	70 / 452		98 / 633		130 / 839		200 / 1,291		240 / 1,549	

1. 'DC' indicates WhisperCool DC blower. 'LP' indicates low-profile configuration; replace with 'SQ' for square configuration.
2. All dimensions ± 0.30 in/8 mm.
3. Heights listed are for 'LP' configurations.

Dometic ATV
Slim-Profile Air Handlers

MODEL[1]	ATV6DC-LP	ATV9DC-LP	ATV12DC-LP	ATV18DC-LP	ATV24DC-LP	ATV36DC-LP
Nominal Capacity – Cool (BTU / h)	6000	9000	12000	18000	24000	36000
Voltage @ 50 / 60 Hz 1-Ph (V)	230	230	230	230	230	230
Full Load Amps [2] **(FLA) Cool** (A)	1.4	1.4	3.2	3.9	3.9	3.9
Full Load Amps (FLA) Blower (A)	1.4	1.4	3.2	3.9	3.9	3.9
Optional Electric Heat (kW)	1	1.5	1.5	3	3	3
Heater (A)	4.3	6.5	6.5	13	13	13
Max. Circuit Breaker (A)	10	5	5	5	15	5
Min. Circuit Ampacity (A)	7	2	4	3	13	5
Water Flow (gpm/lpm)	1.5 / 5.7	2.25 / 8.6	3 / 11.4	4.5 / 17.1	6 / 22.8	9 / 34.1
Air Flow (cfm/m³h)	290 / 493	290 / 493	421 / 716	548 / 932	670 / 1,139	670 / 1,139
External Static Pressure (in H$_2$O/Pa)	0.3 / 74.7	0.3 / 74.7	2.1 / 522.9	1.4 / 348.6	0.3 / 74.7	0.3 / 74.7
Min. Height [3] (in/mm)	20.2 / 514	20.2 / 514	20.6 / 524	25.4 / 646	27.7 / 704	31.9 / 811
Max. Height [3] (in/mm)	22.9 / 582	22.9 / 582	24.1 / 613	27.9 / 709	29.9 / 760	34.7 / 882
Max. Width [3] (in/mm)	20.3 / 516	20.3 / 516	20.3 / 516	21.1 / 536	23.7 / 602	29.4 / 747
Min. Depth [3] (in/mm)	4.1 / 105	4.1 / 105	4.2 / 107	6 / 153	7.7 / 196	7.6 / 194
Max. Depth [3] (in/mm)	7.5 / 191	7.5 / 191	9.4 / 239	10.1 / 257	10.8 / 275	11.4 / 290
Drain Connection Size (in/mm)	0.5 / 13	0.5 / 13	0.5 / 13	0.5 / 13	0.5 / 13	0.5 / 13
Drain Connection Type	FPT	FPT	FPT	FPT	FPT	FPT
Chilled Water Connection Size (in/mm)	0.5 / 13	0.5 / 13	0.5 / 13	0.5 / 13	0.5 / 13	1 / 26
Chilled Water Connection Type	FPT	FPT	FPT	FPT	FPT	FPT
Min. Supply Duct Size (in/mm)	5 / 127	6 / 153	6 / 153	7 / 178	8 / 204	8 / 204
Min. Supply Air Grille Size (sq in/cm²)	35 / 226	49 / 317	70 / 452	100 / 646	140 / 904	196 / 1,265
Min. Return Air Grille Size (sq in/cm²)	70 / 452	98 / 633	130 / 839	200 / 1,291	240 / 1,549	360 / 2,323

1. "DC" indicates optional brushless "WhisperCool" (DC) blowers. 'Z' indicates 230V. Add '-FC' for optional flow control; add '-L' for valve on the left relative to the blower side of the coil (right side is the default); add '#kW' for amount of optional electric heat in kilowatts.
2. Blower amps will be reduced at lower speed/cfm or higher static pressure. Amps listed are at free air.
3. All dimensions ± 0.30 in/8 mm.

Dometic ATL
Low-Profile Air Handlers

MODEL¹	ATL6HV	ATL9HV	ATL12HV (115)	ATL12HV (230)	ATL18HV	ATL24HV (115)	ATL24HV (230)
Nominal Capacity (BTU/h)	6,000	9,000	12,000		18,000	24,000	
Voltage @ 50/60 Hz 1-Ph (V)	230	230	115	230	230	115	230
Full Load Amps (FLA) Cool (A)	0.9	0.6	3.12	1.8	1.8	2.3	1.15
Full Load Amps (FLA) Blower (A)	0.7	0.5	3.2	1.4	1	3.4	1.3
Optional Electric Heat (kW)	1	1	1		1.5	1.5	
Heater Element Quantity	1	1	2		2	1	
Heater Amps (A)	5	4.8	20.6	10.1	9.7	16.4	7.8
Max. Circuit Breaker (A)	5	5	5		5	5	
Min. Circuit Ampacity (A)	2	1	4	3	3	3	2
Water Flow (gpm/lpm)	1.5 / 5.7	2.25 / 8.6	3 / 11.4		4.5 / 17.1	6 / 22.8	
Air Flow (cfm/m³h)	200 / 340	233 / 396	350 / 595		467 / 793	730 / 1241	
External Static Pressure (in H₂O/Pa)	0.3 / 74.7	0.3 / 74.7	0.3 / 74.7		0.3 / 74.7	0.3 / 74.7	
Height-Deck Mount⁴ (in/mm)	8 / 204	8 / 204	8.1 / 206		8.1 / 206	10 / 254	
Height-Suspension Mount⁴ (in/mm)	8.1 / 206	8.1 / 206	8.1 / 206		8.1 / 206	10.1 / 257	
Max. Width⁴ (in/mm)	19.6 / 498	19.6 / 498	31.6 / 803		31.6 / 803	42.9 / 1090	
Depth-Without Heat⁴ (in/mm)	18 / 458	19.7 / 501	17.9 / 455		19.8 / 503	22 / 559	
Depth-With Heat⁴ (in/mm)	23.7 / 602	25.4 / 646	23.6 / 600		25.5 / 648	27.7 / 704	
Drain Connection Size (in/mm)	0.5 / 13	0.5 / 13	0.5 / 13		0.5 / 13	0.5 / 13	
Drain Connection Type	tube stubs	tube stubs	tube stubs		tube stubs	tube stubs	
Chilled Water Connection Size (in/mm)	0.5 / 13	0.5 / 13	0.5 / 13		0.5 / 13	0.5 / 13	
Chilled Water Connection Type	FPT	FPT	FPT		FPT	FPT	
Quantity-Duct Connections	1	1	2		2	1	
Min. Supply Duct Size⁵ (in/mm)	4 / 102	6 / 153	6 / 153		7 / 178	9 / 229	
Min. Supply Air Grille Size (sq in/cm²)	35 / 226	49 / 317	35 / 226		49 / 317	147 / 949	
Min. Return Air Grille Size (sq in/cm²)	70 / 452	98 / 633	130 / 839		200 / 1,291	240 / 1,549	
Pan Style	sloped	sloped	sloped		sloped	sloped	

1. 'HV' indicates high-velocity blower. Add '-FC' at end of model name for optional flow control; the default valve position is to the left of the coil (as one faces it), so add 'R' to the model for the valve on the right side; add '#kW' for amount of optional electric heat in kilowatts.
2. 1.5 kW is recommended for the ATL24 because it has one blower. 2 kW is the maximum.
3. Air flow data is for units without electric heat. Electric heat reduces air flow by an amount to be determined.
4. All dimensions ± 0.30 in/8 mm.
5. ATL12, ATL18, and ATL36 models have dual blowers and therefore two supply duct rings.

Dometic ATL
Low-Profile Air Handlers

MODEL¹	ATL6DC	ATL9DC	ATL12DC	ATL18DC	ATL24DC	ATL36DC
Nominal Capacity (BTU/h)	6,000	9,000	12,000	18,000	24,000	36,000
Voltage @ 50/60 Hz 1-Ph (V)	230	230	230	230	230	230
Full Load Amps (FLA) Cool (A)	1.4	1.4	2.8	2.8	3.9	7.8
Full Load Amps (FLA) Blower (A)	1.4	1.4	2.8	2.8	1.5	3
Optional Electric Heat (kW)	1	1	2	2	1.5	3
Heater Element Quantity	n/a	n/a	n/a	n/a	n/a	n/a
Heater Amps (A)	5.7	5.7	11.5	11.5	8	16
Max. Circuit Breaker (A)	5	5	5	5	5	30
Min. Circuit Ampacity (A)	2	2	4	4	5	23
Water Flow (gpm/lpm)	1.5 / 5.7	2.25 / 8.6	3 / 11.4	4.5 / 17.1	6 / 22.8	9 / 34.1
Air Flow (cfm/m³h)	200 / 340	233 / 396	350 / 595	467 / 793	670 / 1139	1,000 / 1,700
External Static Pressure (in H₂O/Pa)	1.75 / 435.8	0.6 / 149.4	1.75 / 435.8	0.6 / 149.4	0.3 / 74.7	0.3 / 74.7
Height-Deck Mount⁴ (in/mm)	8 / 204	8 / 204	8 / 204	8 / 204	10 / 254	10 / 254
Height-Suspension Mount⁴ (in/mm)	8.2 / 209	8.2 / 209	8.2 / 209	8.2 / 209	10.1 / 257	10.1 / 257
Max. Width⁴ (in/mm)	19.6 / 498	19.6 / 498	31.5 / 801	31.5 / 801	43.8 / 1,113	61.8 / 1,570
Depth-Without Heat⁴ (in/mm)	19.7 / 501	19.7 / 501	17.9 / 455	17.9 / 455	20.5 / 521	20.5 / 521
Depth-With Heat⁴ (in/mm)	25.4 / 646	25.4 / 646	23.6 / 600	23.6 / 600	26.2 / 666	26.2 / 666
Drain Connection Size (in/mm)	0.5 / 13	0.5 / 13	0.5 / 13	0.5 / 13	0.5 / 13	0.5 / 13
Drain Connection Type	tube stubs	FPT	tube stubs	tube stubs	tube stubs	tube stubs
Chilled Water Connection Size (in/mm)	0.5 / 13	0.5 / 13	0.5 / 13	0.5 / 13	0.5 / 13	0.5 / 13
Chilled Water Connection Type	FPT	FPT	FPT	FPT	FPT	FPT
Quantity-Duct Connections	1	1	2	2	1	2
Min. Supply Duct Size⁵ (in/mm)	4 / 102	6 / 153	6 / 153	7 / 178	9 / 229	10 / 254
Min. Supply Air Grille Size (sq in/cm²)	35 / 226	49 / 317	35 / 226	49 / 317	147 / 949	168 / 1,084
Min. Return Air Grille Size (sq in/cm²)	70 / 452	98 / 633	130 / 839	200 / 1,291	240 / 1,549	360 / 2,323
Pan Style	sloped	sloped	sloped	sloped	sloped	sloped

1. 'DC' indicates optional brushless "WhisperCool" (DC) blowers. Add '-FC' at end of model name for optional flow control; the default valve position is to the left of the coil (as one faces it), so add 'R' to the model for the valve on the right side; add '#kW' for amount of optional electric heat in kilowatts.
2. 1.5 kW is recommended for the ATL24 because it has one blower. 2 kW is the maximum.
3. Air flow data is for units without electric heat. Electric heat reduces air flow by an amount to be determined.

230 V/50 or 60 Hz   **3,000 –
22,000 BTU/h**

230 V/50 or 60 Hz   **5,440 –
13,600 BTU/h**

Dometic AP Series
High Prevalence Fan-Coil Channel

Each air handler in the AP series has a ducted high-pressure fan with 10 speed settings. The fan has a twin screw (except in the case of the APM and AP12) for easy orientation.

The series has a plastic pan designed to ensure quick removal of condensate, along with two pipe fittings that can be adjusted in a simple and intuitive way via the display.

AP5 and AP8 models are available in a "slim" version which is particularly compact and the option to add an additional stainless steel pan is available upon request.

KEY BENEFITS

- Easy to install
- Silent
- Three/ten speeds
- Air conditioning system from 3,000 to 22,000 BTU/h
- Adjustable fan (except APM and AP12)
- Plastic pan for quick removal of condensate.
- Heat exchanger in copper and aluminium
- Wiring of electrical system with Plug & Play connections
- Simple adjustment of the unit

ACCESSORIES

- Three-way valve
- Electric heating element
- Stainless steel drip pan for condensate removal
- Antivibration mounts that reduce vibrations and noise
- Safety probe

Dometic ALU Series
(Junior – Giant4 – Giant8)

The air handlers in the ALU series have low-pressure fans and cannot be ducted. Each air handler in the series stands out for its slimline and compact design, which make it perfect for installation in relatively tight spaces.

The air handlers in the ALU series can be mounted vertically or horizontally, at the user's discretion, without the need for making changes on-site. A vertical custom version with the filter at the front can be set up to meet special requirements.

Each unit in the series has a plastic pan designed to ensure quick removal of condensate. An additional stainless steel pan can be installed on request. Each air handler in the series has two pipe fittings. Each unit can be adjusted in a simple and intuitive way at the display.

KEY BENEFITS

- Modern and compact design
- Easy to install
- Silent
- Air conditioning from 5,440 to 13,600 BTU/h
- Three/ten speeds
- Heat exchanger in copper and aluminium
- Plastic pan for quick removal of condensate
- Wiring of electrical system with Plug & Play connections
- Simple adjustment of the unit

ACCESSORIES

- Three-way valve
- Electric heating element
- Stainless steel drip pan for condensate removal
- Antivibration mounts that reduce vibrations and noise
- Thermal probe

Dometic AP Series

High Prevalence Fan-Coil Channel

MODEL	APM	AP1	AP3	AP5	AP5 SLIM	AP8	AP8 SLIM	AP10	AP12
Max yield (kcal/h)	850	1,120	1,550	2,300	2,300	3,120	3,120	4,000	6,000
Max yield (BTU/h)	3,400	4,480	6,200	9,200	9,200	12,480	12,480	16,000	24,000
1Ph Power supply (V)	230	230	230	230	230	230	230	230	230
Max absorption of fan 50 Hz (A)	0.25	0.46	0.46	0.60	0.60	0.80	0.80	0.80	1.25
Max absorption of fan 60 Hz (A)	0.29	0.51	0.51	0.68	0.68	0.88	0.88	0.88	1.55
Optional electric heating element (W)	400	400	800	800	800	1,000	1,000	1,500	1,500
Water flow rate (l/s)	0.06	0.11	0.14	0.19	0.19	0.20	0.20	0.31	0.41
Air flow rate (m³/h)	160	230	330	470	470	600	600	680	950
Length (mm)	395	386	386	386	451	415	451	515	515
Width (mm)	240	292	292	292	292	330	292	330	330
Height (mm)	205	300	320	357	320	370	357	380	420
Water connection (in/mm)	0.5 / 16	0.5 / 16	0.5 / 16	0.5 / 16	0.5 / 16	0.5 / 16	0.5 / 16	0.5 / 16	0.5 / 16
Main duct (in/mm)	4 / 100	4 / 100	5 / 125	5 / 125	5 / 125	6 / 150	5 / 125	7 / 180	8 / 200
Min size of delevery grille (dm²)	2.8	3.5	4.6	6.5	6.5	8.3	8.3	9.4	13.2
Min size of return grille (dm²)	2.8	3.5	4.6	6.5	6.5	8.3	8.3	9.4	13.2
Weight (kg)	5.5	6.5	7.5	8	9	13	11	14	15.5

The size and weight data of the terminal units are not inclusive of the valve and stainless steel drip pan.
(*) Hose connector Ø 6 mm – 3/4" gas hose.
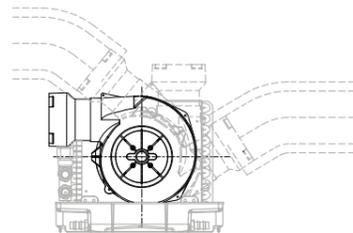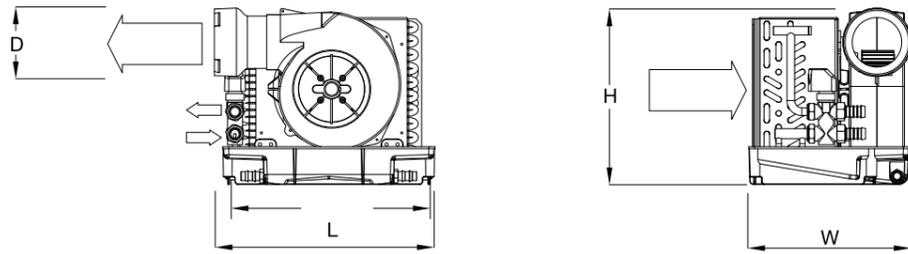
Dometic ALU Series (JUNIOR – GIANT4 – GIANT8)

Fan-coil, Fitted and Low Pressure

MODEL	JUNIOR	GIANT 4	GIANT 8
Max yield (kcal/h)	1,470	2,330	3,700
Max yield (BTU/h)	5,880	9,320	14,800
1Ph Power supply (V)	230	230	230
Max absorption of fan 50 Hz (A)	0.31	0.33	0.66
Max absorption of fan 60 Hz (A)	0.36	0.37	0.74
Optional electric heating element (W)	800	1,250	1,500
Water flow rate (l/s)	0.12	0.18	0.30
Air flow rate (m³/h)	300	450	770
Length (mm)	580	630	850
Width (mm)	410	465	465
Height (mm)	205	245	245
Water connection (in/mm)	0.5 / 16	0.5 / 16	0.5 / 16
Min size of delevery grille (dm²)	4.2	6.3	10.7
Min size of return grille (dm²)	4.2	6.3	10.7
Weight (kg)	10.5	13.0	17.0

The size and weight data of the terminal units are not inclusive of the valve and stainless steel drip pan.
(*) Hose connector Ø 6 mm – 3/4" gas hose.

Dometic PHD12HV
Defroster

Removes moisture or condensation that may form on the inside of a pilot-house windshield.

- Custom configuration for up to six duct ring outlets
- May be mounted horizontally or vertically
- Fan-with-heat or fan-only models
- Tapered duct housing permits easy mounting and installation of ducting

115 V/50 or 60 Hz
230 V/50 or 60 Hz
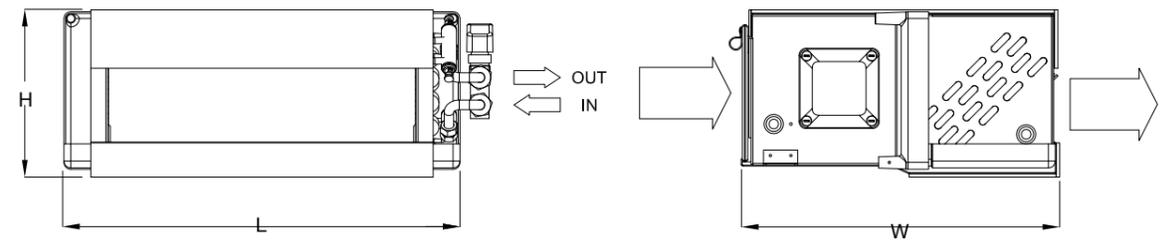
230 V/50 or 60 Hz   **12,000 – 18,000 BTU/h**

Dometic TWIN Series
High prevalence fan-coil channel

The TWIN series, comprising the TWIN12 and TWIN18 models, uses high-pressure centrifugal fans to guarantee better distribution of air. The TWIN series has two ductable high-pressure fans with 10 speed settings and two bolts for easy rotation and orientation.

Each unit in the series has a plastic pan designed to ensure quick removal of condensate. An additional stainless-steel pan can be installed on request.

Additionally, each air handler in the series has two pipe fittings and can be adjusted in a simple and intuitive way via the display.

KEY BENEFITS

- Easy to install
- Silent
- Twin high-pressure centrifugal fan
- Air conditioning systems of 12,000 and 18,000 BTU/h
- Three/ten speeds
- Heat exchanger in copper and aluminium
- The fans have a twin screw for turning them in the required direction and adjusting the flow of air
- Wiring of electrical system with Plug & Play connections

ACCESSORIES

- Three-way valve
- Electric heating element
- Stainless steel drip pan for condensate removal
- Antivibration mounts that reduce vibrations and noise
- Safety probe

WATER HEATING

Dometic Proheat X30
Auxiliary Heater

The Dometic Proheat X30 provides pre-heat and auxiliary heat to help equipment and passengers perform in the coldest environments. The X30 integrates and smartly adapts to virtually any application to provide reliable performance. Combining new innovative technologies and over 25 years of heater know-how, the X30 is ready whenever and wherever.

- Integrated oxygen sensor keeps heater cleaner longer
- Integrated coolant pump
- Multiple mounting points
- Aluminium and steel components for maximum life
- Available for 15,000 to 31,000 BTU/h (2.9 to 9.1 kW)

15,000 – 31,000 BTU/h

Contents, specifications and availability are subject to change in the interests of technical improvement.

Dometic TWIN Series

High Prevalence Fan-Coil Channel

MODEL	TWIN 12	TWIN 18
Max yield (kcal/h)	3,000	4,500
Max yield (BTU/h)	12,000	18,000
1Ph Power supply (V)	230	230
Max absorption of fan 50 Hz (A)	0.92	1.25
Max absorption of fan 60 Hz (A)	1.02	1.55
Optional electric heating element (W)	1,500	1,500
Water flow rate (l/s)	0.21	0.31
Air flow rate (m³/h)	600	950
Length (mm)	620	620
Width (mm)	290	290
Height (mm)	350	380
Water connection (in/mm)	0.5 / 16	0.5 / 16
Main duct (in/mm)	2×4 / 2×100	2×4 / 2×100
Min size of delevery grille (dm²)	8.3	11.1
Min size of return grille (dm²)	8.3	11.1
Weight (kg)	13.5	14.5

The size and weight data of the terminal units are not inclusive of the valve and stainless steel drip pan.
(*) Hose connector Ø 6 mm – 3/4" gas hose.
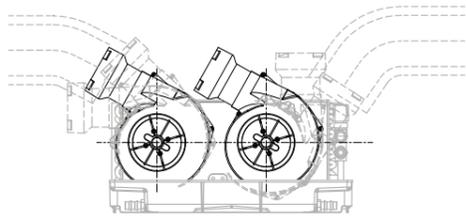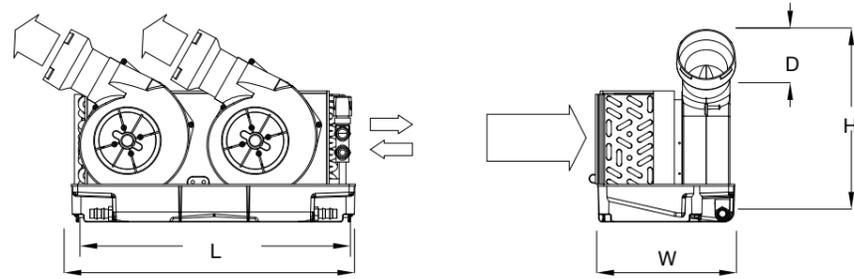
Dometic Proheat X30

Marine Heater

MODEL	PROHEAT X30
Rating	15,000 to 31,000 BTU/h (2.9 to 9.1 kW)
Operating Voltage Range	10–30 V DC
Power Consumption	90 W Max (7.5 A @ 12 V DC, 3.8 A @ 24 V DC)
Fuel Consumption	0.1 to 0.31 gal/h (0.4 to 1.17 L/h)
Coolant Flow (minimum)	3.0 gal/min (11.4 L/min)
Coolant Temperature (at heater)	150–185 °F (65–85 °C)
Operating Temperature Range	-40–185 °F (-40–85 °C)
Operating Altitude Range	0–15,000 ft (0–4,572 m)
Fuel Types	Diesel (ULSD #1, #2 and Arctic Blend), Kerosene (K-1), Jet (A, A-1 and JP8), Biofuels (up to B20)
Ignition Type	Electronic Spark Ignition
Heat Exchanger Capacity	0.36 quart (0.34 L)
Weight **- Heater Only** **- With Enclosure**	36 lbs (16.3 kg) 44 lbs (20 kg)
Dimensions-Heater, L × W × H	12.3 × 10.2 × 9.9 in (312 × 256 × 251 mm)
Dimensions-Enclosure, L × W × H	13.25 × 11.25 × 11 in (337 × 286 × 279 mm)

Contents, specifications and availability are subject to change in the interests of technical improvement.

AIR TREATMENT

Fresh-Air Makeup
Air Handlers

Custom air handlers that introduce treated fresh air into vessel areas that need improved air quality such as below decks. These units are coated to resist corrosion.

- Ducts fresh dehumidified air into interior spaces below decks
- Corrosion-resistant coating on evaporator coil, blower, and drain pan
- Electric heat with two-stage electric heat overload
- Optional DC "Whispercool" blowers are extremely quiet
- Allows for tighter control of output temperature

115 V/50 or 60 Hz
230 V/50 or 60 Hz

18,000 –
36,000 BTU/h

Fresh-Air Makeup
Large Capacity Air Handlers

Available in three standard versions or a custom version, air handler units are designed to filter air and reduce its degree of humidity and salinity. These units are coated to resist corrosion and have an aluminium and sheet metal frame providing additional strength. The structure of the filtering section makes it easy to replace and clean.

- The entire structure is insulated to guarantee thermal efficiency and lower noise emissions
- Light and strong frame in extruded aluminium
- Electric motors that can be inverter-assisted for optimal performance and quieter operation with low thermal load
- Centrifugal fans with single or double inlet
- Fan and motors with single base frame and isolated from the structure by antivibration mounts and flexible joint on the outlet temperature

EXHAUSTERS

Exhausters

The air exhaust boxes exchange the air and are available in three standard versions: horizontal orientation to the left, single-phase, and three-phase, covering an extensive range of airflow rates.

The frame and panels are made with extruded aluminium and confer strength to the machine. Each air exhaust box uses an aerodynamic fan that guarantees high efficiency and high pressure while reducing the level of noise, and the entire structure is insulated to guarantee thermal efficiency and lower noise emissions.

- Easy to install
- Easy maintenance
- Materials resistant to corrosion

Contents, specifications and availability are subject to change in the interests of technical improvement.

CABIN DISPLAYS

Dometic Smart Touch

The customizable Smart Touch control features intuitive submenus to step the user through full system access.

- Customizable displays enable personal preferences
- Intuitive icons and menus for ease of use
- Programmable scheduler for system start, shutdown, and temperature changes
- CAN Bus compatible

Dometic CapTouch

The CapTouch Cabin Control's phone app revolutionizes setup and operation. The cabin control offers remote access to the system.

- Easy to use
- Cabin Control

Dometic Elite II

Easy to use with raised buttons and a scroll button for mode selection. Cool-only, heat-only, dehumidify, and automatic mode. Automatic humidity control reduces moisture when the boat is unattended.

Dometic VMD2.5

Intuitively designed touch screen, with an easy-to-understand user menu. 2.4" LCD screen with vivid colour and clarity. Combine the display with the Vimar Eikon bezel to coordinate with any room décor. Display bezel sold separately.

Dometic Touch IDEA

The Touch IDEA 2,4" colour touch screen display lets users regulate both the airflow and temperature within their onboard environment. The display features temperature monitoring, a brightness dimmer, alongside adjustable settings such as background colour and bezels.

CHILLER DISPLAYS

Dometic PGD1

Automatically control the operation of a water chilling unit and/or heat pump of an electric water heater, in the case of a unit with one or two or three or four compressors.

Dometic PGDX

The customizable PGDX is a touch screen device that can automatically control the operation of a water chilling unit and/or heat pump of an electric water heater. Featuring intuitive icons and menus for ease of use.

Dometic LogiQ

The LogiQ display features a 7-segment, 3-digit LCD display providing clear access to all system information, with indicator lights and buttons to control up to two compressors' activity, mode, and power settings.

Dometic LogiQ+

The LogiQ+ display features a 7-segment, 3-digit LCD display providing clear access to all system information, with indicator lights and buttons for three and four compressor activities, heating or cooling modes and more, both enhancing user experience and operational efficiency.

Dometic LogiQ Touch

Available in two SKUs – one featuring the display and another with both the display and refit frame, the LogiQ Touch has the same functionality as the LogiQ/LogiQ+ displays but uniquely features a versatile remote solution, ensuring the display can be installed in various configurations and locations on a boat.

Dometic SmartTouch
Cabin Control

MODEL	VIMAR EIKON BEZEL	VIMAR EIKON EVO BEZEL
Display, H × W × D (in/mm)	2.87 × 4.31 × 1.37 / 73 × 110 × 35	2.87 × 4.31 × 1.37 / 73 × 110 × 35
Cut Out, H × W (in/mm)	2.17 × 2.9 / 55 × 74	2.17 × 2.9 / 55 × 74
Between Mounting Holes, H × W (in/mm)	2.17 × 3.47 / 55 × 88	2.17 × 3.47 / 55 × 88
Bezel, H × W (in/mm)	3.31 × 4.72 / 82.0 × 120.0	4.15 × 4.62 / 106 × 118

Dometic CapTouch
Cabin Control

MODEL	IDEA BEZEL	EIKON BEZEL
Display, H × W × D (in/mm)	2.97 × 4.41 × 0.85 / 75.41 × 111.99 × 21.68	2.86 × 4.45 × 0.94 / 72.76 × 112.96 × 23.75
Cut Out, H × W (in/mm)	2.25 × 3.45 / 57.15 × 87.63	1.85 × 2.80 / 46.90 × 71.03
Between Mounting Holes, H × W (in/mm)	2.36 × 3.82 / 59.94 × 97.03	2.20 × 3.78 / 55.88 × 96.01
Bezel, H × W (in/mm)	3.22 × 4.72 / 82.0 × 120.0	3.73 × 3.73 / 94.8 × 94.8

Dometic Elite II
Microprocessor Control

MODEL	ELITE (VIMAR IDEA BEZEL)	ELITE (VIMAR EIKON BEZEL)
Set Point Temp. Range (°F/°C)	65–85 / 18.4–29.5	65–85 / 18.4–29.5
Display Temp. Range (°F/°C)	5–150 / −15–65.6	5–150 / −15–65.6
Air Sensor Temp. Range (°F/°C)	5–150 / −15–65.6	5–150 / −15–65.6
Sensor Accuracy (°F/°C)	2–77 / −16.7–25	2–77 / −16.7–25
Water Inlet Sensor Cable Length (AH-Elite) (ft/m)	7 / 3	7 / 3
Display Cable Length[1] (ft/m)	10–75 / 3.1–22.9	10–75 / 3.1–22.9
Optional Alternate/Remote Air Cable Length[1] (ft/m)	7–60 / 2.2–18.3	7–60 / 2.2–18.3
Optional Outside Air Sensor Cable Length[1] (ft/m)	7–50/2.2–15.3	7–50/2.2–15.3
Optional Pump Sentry Cable Length (ft/m)	7–60 / 2.2–18.3	7–60 / 2.2–18.3
Water Inlet Sensor Cable Length (AH-Elite) (ft/m)	7–60 /3–19	7–60 / 3–19
Height-Display (in/mm)	2.96 / 76	2.88 / 74
Height-Display (in/mm)	4.41 / 113	4.45 / 114
Depth-Display (in/mm)	1.08 / 28	1.05 / 27
Panel Cut-Out Height (in/mm)	2.19 / 56	1.88 / 48
Panel Cut-Out Width (in/mm)	3.31 / 85	2.75 / 70
Height-Bezel[2] (in/mm)	2.96 / 76	3.31 / 85
Width-Bezel (in/mm)	4.41 / 113	4.69 / 120

1. Maximum length is 75 ft (23 m).
2. Bezels sold separately; dimensions may vary depending on style.
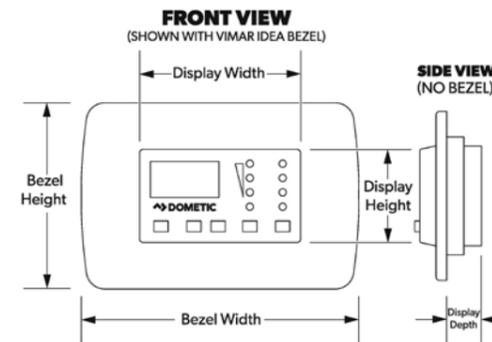
Dometic VMD2.5

Cabin Control

MODEL	VIMAR EIKON BEZEL	VIMAR EIKON EVO BEZEL
Display, H × W × D (in/mm)	2.87 × 4.31 × 1.37 / 73 × 110 × 35	2.87 × 4.31 × 1.37 / 73 × 110 × 35
Cut Out, H × W (in/mm)	2.17 × 2.9 / 55 × 74	2.17 × 2.9 / 55 × 74
Between Mounting Holes, H × W (in/mm)	2.17 × 3.47 / 55 × 88	2.17 × 3.47 / 55 × 88
Bezel, H × W (in/mm)	3.31 × 4.72 / 82.0 × 120.0	4.15 × 4.62 / 106 × 118
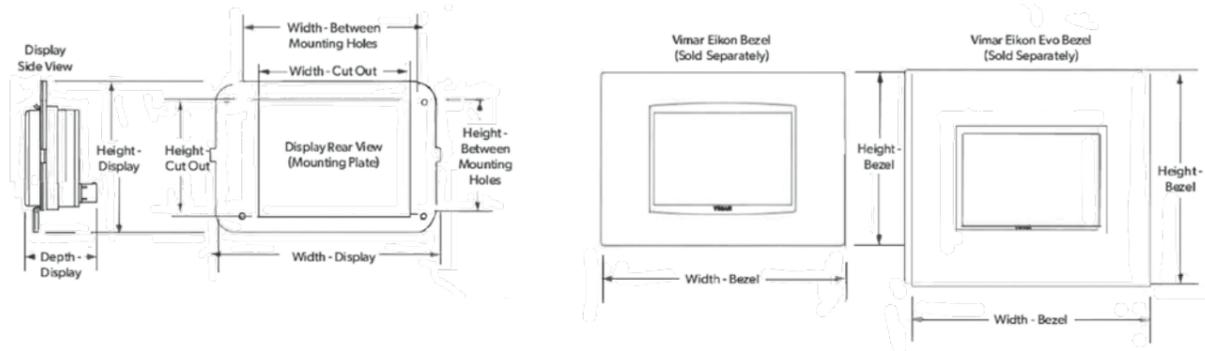
Dometic PGD

Cabin Control

MODEL	PGD1	PGDX
Display, H × W × D (in/mm)		69 × 127 × 8.9
Cut Out, H × W (in/mm)		67.5 × 125.7
Between Mounting Holes, H × W (mm)		42 × 133.8
Bezel, H × W (mm)		87.7 × 151.5
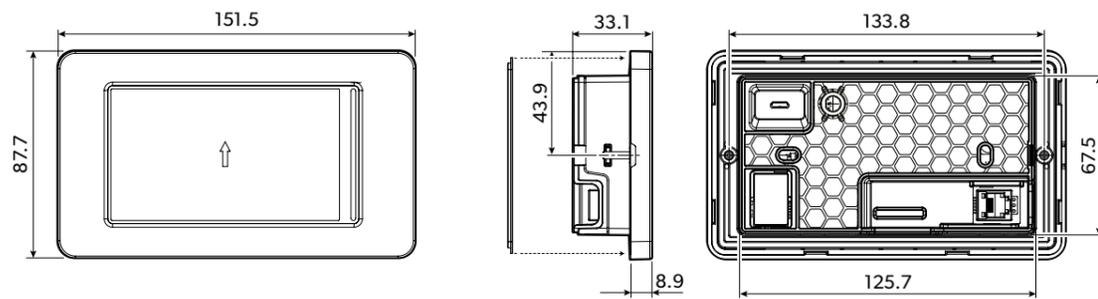
Dometic LogiQ

Speed Chiller Control

MODEL	LOGIQ BOARD 1 - 2 COMPRESSOR	LOGIQ DISPLAY 1 COMPRESSOR	LOGIQ DISPLAY 2 COMPRESSORS
Application	Fixed Speed chiller units: PCWM, Microchiller or WM up to 4 compressor		
Electrical	23 V / 50 or 60 Hz		
Dimensions W × H × D (mm)	100 × 135 × 35	100 × 135 × 21	100 × 135 × 21
Weight (kg)	0.5	0.3	0.3
Certifications	Pre-compliance conducted emission IEC 60533 Power & Distribution		

Dometic LogiQ+

Speed Chiller Control

MODEL	LOGIQ+ BOARD 3 - 4 COMPRESSORS	LOGIQ+ DISPLAY 3 - 4 COMPRESSORS
Application	Fixed Speed chiller units: PCWM, Microchiller or WM up to 4 compressor	
Electrical	23 V / 50 or 60 Hz	
Dimensions W × H × D (mm)	126 × 168 × 32	144 × 144 × 27
Weight (kg)	0.5	0.4
Certifications	Pre-compliance conducted emission IEC 60533 Power & Distribution	

Dometic LogiQ Touch

Speed Chiller Control

MODEL	LOGIQ TOUCH REMOTE DISPLAY	LOGIQ TOUCH REMOTE DISPLAY W/FRAME
Application	Fixed Speed chiller units: PCWM, Microchiller or WM up to 4 compressor	
Electrical	23 V / 50 or 60 Hz	
Dimensions W × H × D (mm)	86 × 125 × 36	145 × 155 × 35
Weight (kg)	0.4	0.75
Certifications	Pre-compliance conducted emission IEC 60533 Power & Distribution	

Contents, specifications and availability are subject to change in the interests of technical improvement.

PUMPS

Dometic Marine Centrifugal Seawater Pumps

Dometic's marine centrifugal seawater pumps are an excellent choice for providing seawater circulation for marine air conditioning systems. The proven magnetic drive eliminates the troublesome mechanical shaft seal.

- Magnetic-drive impeller means no seal to wear, leak, or repair
- Efficient motor with low power consumption
- Exclusive marine-grade base
- 115 V and 230 V models
- Liquid-cooled (submersible) and air-cooled motors available
- All components in contact with water are plastic, ceramic, or stainless steel
- 6 ft (1.8 m) power cord is standard
- 1-year warranty on parts

115 V/50 or 60 Hz
230 V/50 or 60 Hz

Dometic MagDrive Centrifugal Pump

MagDrive sealless pump series is a rugged design with no mechanical seals. The composite heads and impellers will not be affected by the corrosive seawater. The carbon bushings gives the pump added protection in run dry situations. Rugged construction and a strong neodymium magnet make this pump robust and very low maintenance.

- Composite non-corrosive pump head and impeller
- No mechanical seals
- Run Dry protection (carbon bushings)
- Rotatable pump head
- Multi-position pump bracket
- Stainless hardware
- Full-size electric box
- 115-volt and 230-volt models
- Single and Three phase models
- Dual frequency
- TEFC pump motors
- Lead-free

230 V/60 Hz/1-Ph or 3-Ph
220–240 V/50 Hz/1-Ph
460 V/60 Hz/3-Ph
380 V/50 Hz/3-Ph

AIR DISTRIBUTION

Dometic Grilles

Dometic offers an extensive range of grilles in various shapes and sizes, colours, and materials to meet all requirements.

Dometic Transitions

Dometic offers an extensive range of PVC transitions in various shapes and sizes to meet all requirements.

Dometic Splitters

Dometic offers an extensive range of PVC splitters in various shapes and sizes to meet all requirements.

Dometic Ventilation Ducting

Dometic offers an extensive range of marine certified insulated ducting in a variety of diameters, to meet all installation requirements.

Dometic Marine Centrifugal Seawater Pumps

Centrifugal Pumps

MODEL	LC-2CP-MD		LC-3CP-MD		LC-5CP-MD		AC-5C-MD	
Voltage (V)	115	230	115	230	115	230	115	230
Cycle (Hz)[1]	50/60		50/60		50/60		50/60	
Phase (Ph)	1		1		1		1	
Amps (A)	1	0.53	2	1	2.2	1.1	2.1	1
Max. Flow (gpm)	5		8.5		14.5		17	
Max. Head (ft/m)	13 / 3.1		19 / 5.8		27 / 8.3		27 / 8.3	
Ignition Protection	yes		yes		yes		yes	
Motor HP (hp)	1/35		1/20		1/8		1/8	
Motor Type[2]	TE/SUB		TE/SUB		TE/SUB		TE/SUB	
Inlet Connection (in/mm)	0.75 / 19		0.75 / 19		1 / 26		1 / 26	
Outlet Connection (in/mm)	0.25 / 7		0.5 / 13		0.5 / 13		0.5 / 13	
Net Weight (lbs/kg)	5 / 2.3		9 / 4.1		15.5 / 7.1		10 / 4.6	
Wet End Assembly	A-507P		A-508P		A-506LC		A-506	

1. Standard (50/60 Hz) pumps may be operated at 50 Hz and reduced voltages but with a 17 % reduction in flow and as much as a 30 % drop in head; the LC-3CP-MD is 60 Hz only and may not be operated at 50 Hz.

2. TE/SUB motors are totally enclosed liquid-cooled types and can be operated in the open air or submerged; OD motors are open, drip-proof and air-cooled types which must be kept dry.

Performance Curve
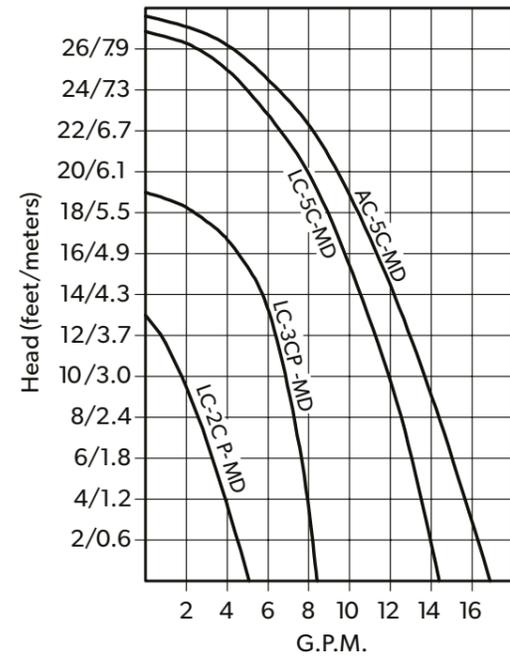
Dometic MagDrive

Centrifugal Pumps

MODEL	Product SKU	Hp	Phase (Ph)	Volts 60 Hz	Volts 50 Hz	Amps 60 Hz	Amps 50 Hz	Dimensions* L × W × H (in)	Impeller Size (in)	Wear Kit Item #	Wet End Item #
PO30	9610002000	0.25	1	115	115	2.5	3.3	12.8 × 5.4 × 6.8	2.5	4471004032	4471004037
	9610001803	0.25	1	230	220	1.5	1.9	12.8 × 5.4 × 6.8	2.5	4471004032	4471004037
	9610001976	0.50	1	115	115	4.2	5.6	13.3 × 5.4 × 7.2	3.0	4471004032	4471004038
	9610001977	0.50	1	230	220	2.2	2.7	13.3 × 5.4 × 7.2	3.0	4471004032	4471004038
	9610001980	0.50	1	230/460	220/460	1.6/0.8	1.7/0.9	13.4 × 5.4 × 6.9	3.0	4471004032	4471004038
PO45	9610001978	0.5	1	115	115	4.6	5.6	15.8 × 7.5 × 8.4	3.62	4471004034	4471004039
	9610001979	0.5	1	230	230	2.2	2.7	15.8 × 7.5 × 8.4	3.62	4471004034	4471004039
PO62	9610001981	0.5	1	115	115	4.6	5.6	15.7 × 7.5 × 8.4	3.5	4471004034	4471004040
	9610001982	0.5	1	230	230	2.2	2.7	15.7 × 7.5 × 8.4	3.5	4471004034	4471004040
	9610001983	0.5	3	230/460	230/460	1.6/0.8	1.7/0.9	15.7 × 7.5 × 8.4	3.5	4471004034	4471004040
PO75	9610001984	0.5	1	115	115	4.6	5.6	15.7 × 7.5 × 8.4	3.38	4471004034	4471004041
	9610001985	0.5	1	230	230	2.2	2.7	15.7 × 7.5 × 8.4	3.38	4471004034	4471004041
	9610001986	0.5	3	230/460	230/460	1.6/0.8	1.7/0.9	15.7 × 7.5 × 8.3	3.38	4471004034	4471004041
P100	9610001987	1.0	1	115/230	115/230	8.5/4.3	10.5/5.3	17.2 × 7.5 × 8.4	3.75	4471004034	4471004043
	9610001988	1.0	3	230/460	230/460	2.7/1.4	2.9/1.5	17.0 × 7.5 × 8.3	3.75	4471004034	4471004043
	9610001989	1.5	1	115/230	115/230	12.5/6.3	14.0/7.0	17.8 × 7.5 × 9.9	4.00	4471004034	4471004044
	9610001990	1.5	3	230/460	230/460	4.0/2.0	4.3/2.2	16.6 × 7.5 × 8.7	4.00	4471004034	4471004044
P137	9610001991	1.5	1	115/230	115/230	12.5/6.3	14.0/7.0	21.2 × 9.7 × 11.0	4.38	4471004035	4471004045
	9610001992	1.5	3	230/460	230/460	4.0/2.0	4.3/2.2	18.2 × 9.7 × 10.8	4.38	4471004035	4471004045
	9610001993	2	1	115/230	115/230	16.5/8.3	18.0/9.0	20.1 × 9.7 × 10.9	4.63	4471004035	4471004046
	9610001994	2	3	230/460	230/460	5.3/2.7	5.9/3.0	20.1 × 9.7 × 10.8	4.63	4471004035	4471004046
	9610001996	3	3	380	230/460	7.2/3.6	4.5	19.5 × 10.9 × 10.8	4.88	4471004035	4471004047
P150	9610001997	5	3	230/460	380	12.2/6.1	7.5	23.0 × 12.4 × 10.8	5.25	4471004035	4471004048
	9610001998	5	3	230/460	380	12.2/6.1	7.5	23.0 × 12.4 × 10.8	5.25	4471004035	4471004049
P200	9610001999	7.5	3	230/460	380	17.8/8.9	11	27.5 × 14.1 × 13.4	6	4471004036	4471004050

* All dimensions ± ¼".

90 — DOMETIC.COM

Contents, specifications and availability are subject to change in the interests of technical improvement.

DOMETIC.COM — 91
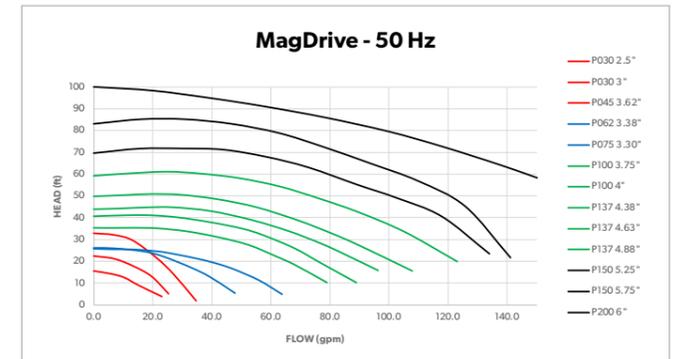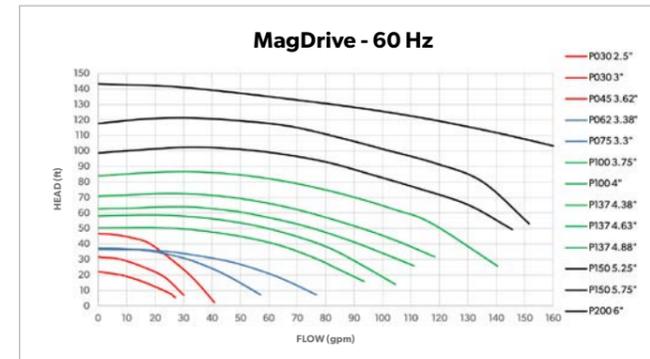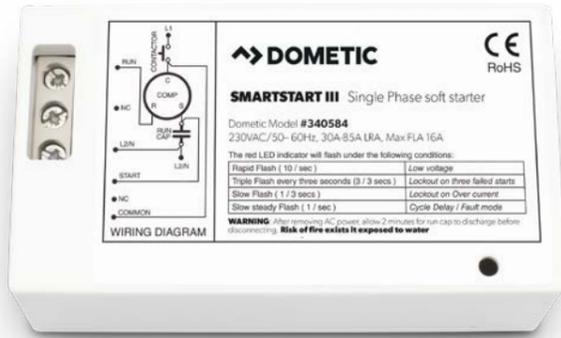
SOFT START

Dometic SmartStart III

Soft starter for marine air conditioning, 16 A, 30–85 kBTU/h.

Air conditioners may cause issues to your electrical systems when they start running. The Dometic SmartStart™ III IP 65 soft starter reduces the boat's air conditioning start-up spikes and helps to preserve the electrical supply network of your boat.

- Prevents voltage spikes when starting, helps prevent power outages
- Problem-free air conditioner start-up at moorings with low quality electrical circuit protection
- Reduces start-up amps by up to 65 %

115 V/50 or 60 Hz
208–240 V/50 or 60 Hz

IONIZER

Dometic Breathe Ionizer

Dometic's Breathe Ion generator is the easiest way to upgrade any new or existing system to the latest in air purification technology. Two holes can be drilled anywhere in the path of moving air: in the blower housing, transition box, or directly at the discharge grille plenum. The unit can be wired directly to the fan output so that it is only powered when needed. The wide input voltage range allows a one size fits all solution for our global customers. Power to the device is simply plug-and-play. An LED light on top of the device clearly indicates it is functioning.

- Reduce VOC, allergens, and mold
- No harsh chemicals
- Proven technology used in clean rooms and hospitals
- Simplistic installation – plug provides a simple solution for installing the brushes
- LED Indicator – light provides clear indication that unit is operating
- Flexible – can be connected to blower outlet or directly to discharge grille plenum

POSITIVE AND NEGATIVE ION GENERATION

The main working principle of the positive and negative ion generator is to boost the input voltage and create negative high-pressure ionized air (mainly oxygen). This generates a large amount of positive and negative ions. Simultaneous generation of ions in the air neutralize the positive and negative charges to generate a huge energy release, resulting in changes in the surrounding bacterial structure.
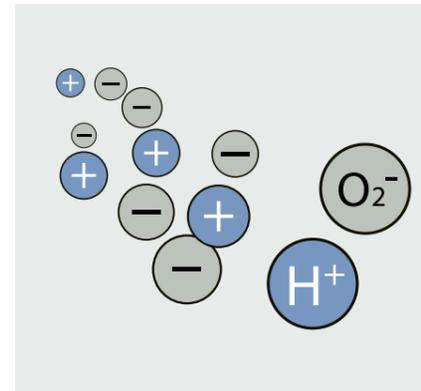
1. Ions are dispersed into the air
Positive and negative ions are created using water vapour in the air.
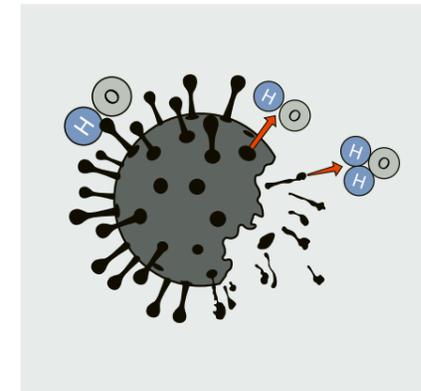
2. Attach to pollutants
The ions neutralise their charge by pulling apart airborne pollutants, thereby reducing the pollutants in the air.
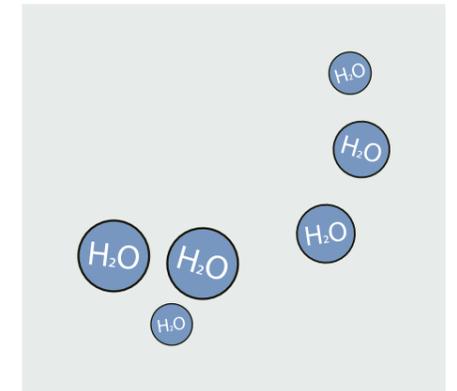
3. Ions return to the air
After neutralising pollutants, ions are converted to water vapour.

Contents, specifications and availability are subject to change in the interests of technical improvement.

Dometic SmartStart III

Soft Starter for Marine Air Conditioning

MODEL	SMART START III IP65
Voltage	208–240 V / 50 or 60 Hz
Supported Comp. Capacity (BTU/h)	12,000–30,000
Locked Rotor Amps	30–85 A
Max. FLA	16 A
Height	1.2 in / 55 mm
Width	6.30 in / 160 mm
Depth	3.12 in / 80 mm
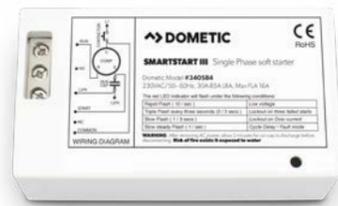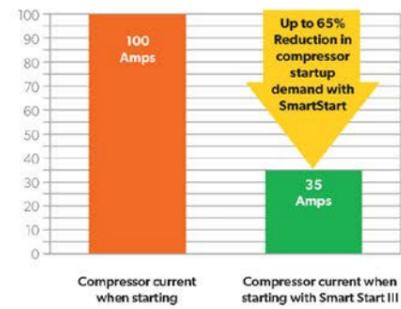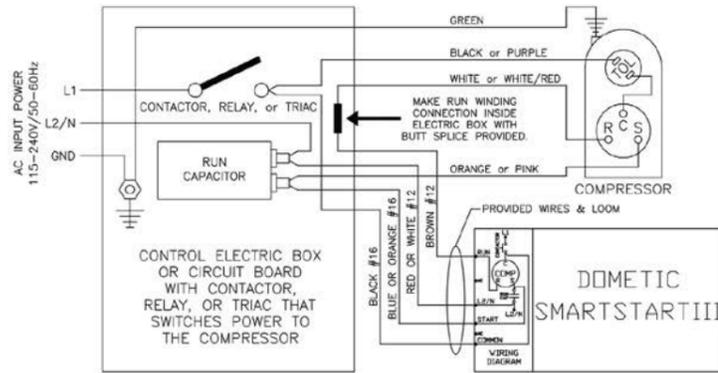
Dometic Breathe

Ion Generator

MODEL	BREATHE
Voltage (V)	70–240
FLA (mA)	50
Height (in/mm)	1.6 / 41
Width (in/mm)	5.4 / 138
Depth (in/mm)	3.7 / 94
Weight	TBD
Mount (in/mm)	5 / 127
Hole Size (in/mm)	0.18 / 4.5

ENGINE DRIVE CLIMATE SYSTEM

AMERICAS ONLY
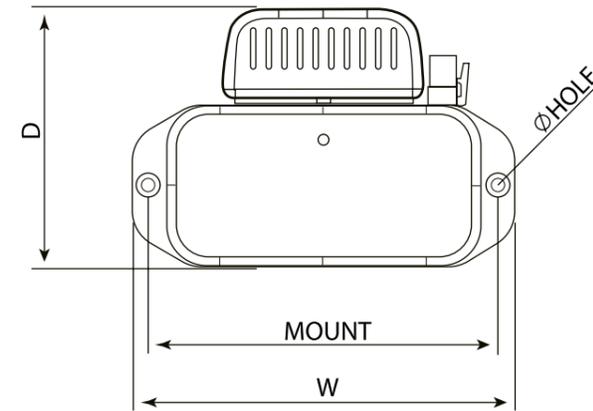
Dometic EDS

The Dometic Engine Drive Climate system is designed specific to each user's application. Whether you spend all your time at low speed or if you are on the go at high speeds we can dial in a system specifically for every need.

The EDC system provides cooling and dehumidification for those hot and muggy days, and heating for those cold mornings. A simplistic system that can take care of all climate situations.

- BTU Cooling Range from 10,000 to 24,000
- Optional engine wastewater heating
- Available in 24 V DC
- Belt Driven compressor
- Plug-and-play wire connection
- One and two-knob control display
- Lighted on/off compressor switch
- Flexible refrigerant line set
- Titanium water-cooled condenser coil
- Optional DC pump relay
- High-velocity multi-speed fan

24 V

10,000 – 24,000 BTU/h

NO GENERATOR NEEDED

Control
Return Grille
Condenser
Compressor
Evaporator
Duct
Supply Grille
Pump
Filter

DISCHARGE LINE
LIQUID LINE
SUCTION LINE
WATER LINE
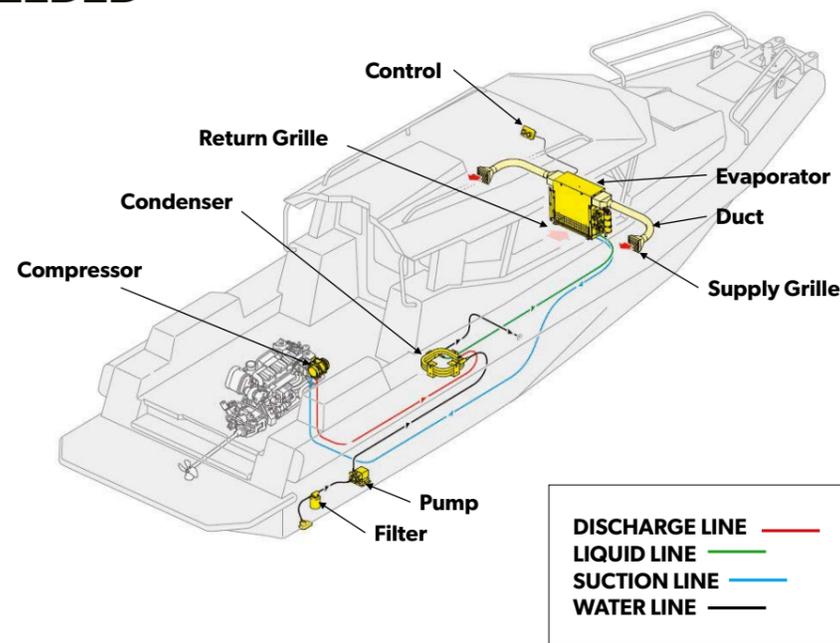
HIGH EFFICIENCY COOLING IN MOTION

Dometic's 24 V DC Engine Drive Climate System provides cooling and heating without the need for shore power or a generator. The engine-mounted air-conditioning compressor allows for cooling while the engine is running. The system's fan coil evaporator unit can be equipped with an optional heater core and water valve to use the engine's hot wastewater to be able to provide heat. The system uses a DC voltage seawater pump to draw seawater through the robust water-cooled titanium condenser coil to remove heat. The system's final major component is the mechanical control display which allows for simplistic and intuitive operation.

The system was designed to make the installation simplistic and plug-and-play. The electrical connections between the compressor, evaporator, and control display are plugged connections. This simplifies the installation and provides peace of mind for the installer. The mechanical display comes with a lighted compressor switch to let the user know when their compressor is on or off. Dometic provides an optional DC seawater pump relay to be able to switch the seawater pump on and off with the 2-knob control panel.

The Dometic EDC Solution has been engineered to be able to provide cooling and heating within various ranges of engine RPMs. The Dometic engineering team spent months in the lab dialing in a system so that we can provide adequate cooling at engine idle speed and not overload the system when running at full speed. The team designed a unique testing fixture to be able to test and validate BTUs on a complete system through the engine's RPM range. This testing fixture validated the system in the lab and allowed us to determine pulley sizes for the engine manufacturers, to be able to finalize the exact system running performance in the field. This allows the Dometic sales team to lay out and specify a complete system based on customer specifications, with confidence that everything will work as designed once installed in the field.
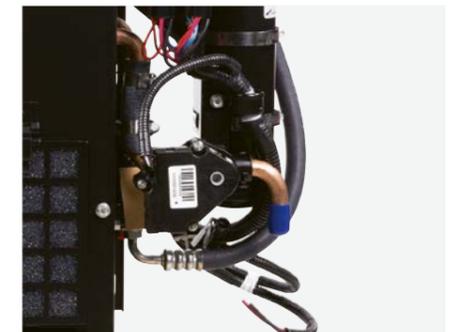
Flexible linesets
Flexible linesets for easy hose routing through the vessel.

Titanium condenser coil
Robust Titanium water cooled condenser resistant to seawater erosion.

Engine waste water heat
Optional evaporator with heater core and water valve to provide vessel heating.

Mechanical display
Simplistic and intuitive display with lighted compressor switch to verify compressor operation.

24 V DC compressor
Belt-driven 24VDC compressor that provides 10,000 to 24,000 BTUs.

24 V DC fancoil evaporator
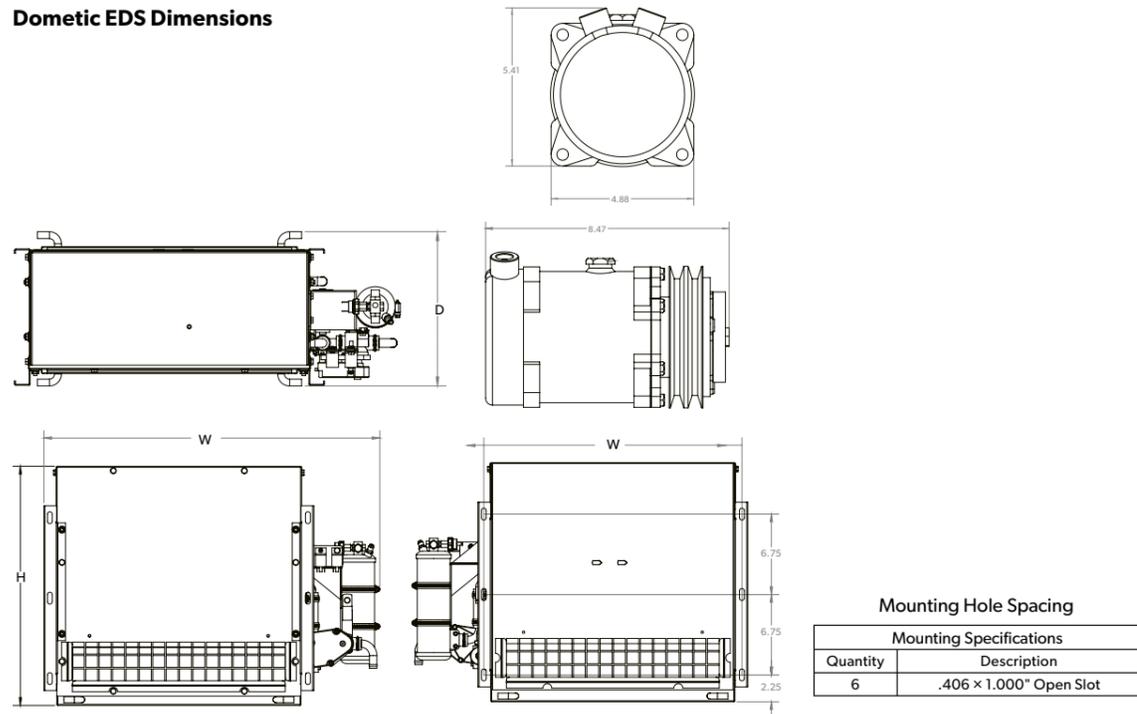Vertical or Horizontal 24VDC evaporator with plug-and-play electrical connections.

CLIMATE
ENGINE DRIVE CLIMATE SYSTEM

CLIMATE

FOOD & BEVERAGE

POWER & CONTROL

HYGIENE & SANITATION

Dometic EDS

Engine Drive Evaporator, Cool Only

MODEL	EDEVM COOL	ED COMP
Capacity (BTU)	10,000–24,000	10,000–24,000
Voltage (V)	24	24
FLA/RLA Cool or Heat Mode* (A)	21	1.42
Max. Circuit Breaker 24 V DC (A)	30	Combined with EDEVM
Min. Circuit Breaker 24 V DC (A)	24	Combined with EDEVM
Refrigerant Type	134a	134a
Height (in/mm)	20.06 / 509.5	5.41 / 137.4
Width (in/mm)	28.22 / 716.8	4.88 / 123.9
Depth (in/mm)	11.27 / 286.3	8.47 / 215.1
Gross Weight (lbs/kg)	69 / 31.3	17.6 / 8
Net Weight (lbs/kg)	66 / 30	16.1 / 7.3

* In cool mode at 85 °F/29.4 °C water and seawater pump not included.
** Duct size may change based on BTU load requirements.

Dometic EDS Dimensions

Mounting Hole Spacing

Mounting Specifications	
Quantity	Description
6	.406 × 1.000" Open Slot

Contents, specifications and availability are subject to change in the interests of technical improvement.

FRESHJET FJX3 COMMERCIAL GRADE MARINE ROOFTOP AC

The Freshjet FJX3 Commercial Grade rooftop air conditioner delivers powerful and quiet performance, with 13 % higher cooling capacity, 15 % more airflow and a 4 dB reduction in noise level for more restful sleep. It's 14 % lighter and uses 28 % less refrigerant than predecessors and is built with evaporator e-coated coils for durability.

REDUCED WEIGHT
IMPROVED COMPONENTS

IMPROVED COMPONENTS
HIGHER AIRFLOW

BACKWARDS COMPATIBLE
FIELD REPLACEABLE

COOLER, QUIETER, MORE AIR FLOW

The Freshjet FJX3 Commercial Grade rooftop air conditioner improves the way professionals and boaters cool their spaces, so they can cool down quickly – and stay comfortable. The innovative blower system quietly moves an average of 280 cubic feet of cool air per minute, providing a faster cooldown in hot ambient temperatures. With 13 % more cooling power, users can focus on their time on the water or at work – without the heat.

EPP foam insulation on the inside of the unit reduces weight, provides protection, and reduces noise for more restful sleep and quieter operation. The advanced design and state-of-the-art materials offer one of the lightest-weight rooftop air conditioners available for marine and commercial use. The composite base pan and shroud not only look modern but also save weight, allowing for easy installation and a lighter load for the journey ahead.

Now upgraded with marine-grade durability, the Freshjet FJX3 Commercial Grade features corrosion-resistant hardware and coated coils to withstand salt air and harsh environments. Built for reliability and performance, it's the ideal solution for vessels, mobile workspaces, and commercial applications where cooling power and rugged construction matter most.

Black | Ref. No: 9610007865
White | Ref. No: 9610007866

Key benefits

- Cooling Capacity: 15,000 BTU / 4,396 W
- 13 % higher cooling capacity compared to select rooftop air conditioners in the market today
- 15 % higher airflow than select rooftop air conditioners on the market today
- 4 dB less noise than select rooftop air conditioners on the market today
- Backwards compatible with existing Dometic and competitor air returns
- Ducted and non-ducted applications
- Operates at 115 V/60 Hz

NEW

AMERICAS ONLY

Unique coil design
Evaporator and Condenser coils e-coated for enhanced durability.

Increased cooling
Unique design delivers powerful performance and uniform temperature.

Quiet operation
Produces less perceived noise than its predecessors.

FRESHJET FJXM7 3500 MARINE ROOFTOP AC

Built on the high-performance platform of the FJXM7 3500, this marinised roof air conditioner delivers rapid cooling, whisper-quiet operation, and uncompromising durability, now optimised for life at sea. Designed to resist saltwater corrosion and withstand shock and vibration, it keeps your vessel cool, clean and comfortable in all conditions.

TESTED MARINE GRADE QUALITY

DROP-IN DESIGN READY TO INSTALL

FUTURE READY TECHNOLOGY

EFFORTLESS COOLING MARINE READY

The FreshJet FJX7 3500 Marine Edition combines the latest inverter compressor technology with a robust marinised design. From tropical anchorages to turbulent crossings, it performs reliably and efficiently, thanks to its smart airflow distribution, corrosion-resistant construction, and low-vibration layout.

Compact and aerodynamic, it installs easily on any motor yacht or cruiser over 8m. Fingertip control via digital panel, remote control or smartphone app – intuitive and stylish.

Black | Ref. No: 9630000021
White | Ref. No: 9630000003

EMEA ONLY

NEW

Key benefits

- Marine-grade stainless and coated components ensure lasting corrosion protection
- Inverter compressor delivers rapid, whisper-quiet cooling with exceptional efficiency
- Integrated CleanAir system helps neutralise odours and maintain cabin freshness
- Designed to fit standard 400 × 400 mm openings and 25–60 mm roof thickness
- Seamless connectivity with the Dometic Climate app for smart onboard control
- Operates at 220–240 V/50 or 60 Hz

Marine-Optimised Durability
All metal parts are stainless steel or coated, with salt-spray-tested components built to resist marine corrosion.

Advanced Cooling Performance
Inverter-driven compressor ensures efficient performance in any climate - quiet, powerful, and precise.

CleanAir Filtration
An integrated purifier system helps keep cabins fresh and odour-free, ideal for long stays onboard.

Sleek, Space-Saving Design
Low-profile rooftop unit with aerodynamic styling and LED lighting makes a premium design statement.

Intelligent Control Options
Control via digital panel or smartphone app – intuitive and stylish.

Easy to Fit & Maintain
Simple 400 x 400 mm installation, removable dust filter, and marine-grade robustness make ownership easy.

Contents, specifications and availability are subject to change in the interests of technical improvement.

DOMETIC.COM — 103

FreshJet FJX3 Commercial Grade
Rooftop Air Conditioner

MODEL	FRESHJET FJX3 COMMERCIAL GRADE
Operating Temperature (°C)	−2 to +52
Cooling Capacity (W/BTU/h)	4400 / 15,000
Heating Capacity (W)	No heating
Compressor	Fixed speed
Cooling Current (A) Max	6.9
Heating Current (A) Max	–
Required AC Circuit Protection (Amp)	20
Input Voltage (V AC/Hz)	115/60
Power Consumption (ISO 5151) (W)	1,652
Refrigerant Type	R32
Refrigerant Quantity (g)	329
CO_2 Equivalent	0.220t
Global Warming Potential (GWP)	675
Unit Dimensions (W × D × H) (in/mm)	27.6 × 29.6 × 14.4 / 702 × 753 × 351
Roof Opening (W × D) (mm)	363 × 363
Roof Thickness (mm)	25–60
Unit Weight (lbs/kg)	66 / 30
Remote Control	Included
Air Distributor Box	9600028602 FreshJet Mechanical ADB
Box Dimensions (W × D × H) (mm)	518 × 583 × 59
Box Weight (kg)	3.4
Test Marks	E-approved to EMC / Marine Directives (Pending)
Certification	CSA

Dometic FreshJet FJXM7 3500
Rooftop Air Conditioner

MODEL	FRESHJET FJXM7 3500
Operating Temperature (°C)	−2 to +52
Cooling Capacity (W/BTU/h)	3500 / 12000
Heating Capacity (W)	3000
Compressor	Inverter
Cooling Current (A) Max	7.5
Heating Current (A) Max	6.5
Required Circuit Protection (A)	8 (Cooling & Heating)
Input Voltage (V AC/Hz)	220–240 / 50–60
Refrigerant Type	R32
Refrigerant Quantity (g)	650
CO_2 Equivalent	0.439 t
Global Warming Potential (GWP)	675
Unit Dimensions (W × D × H) (mm)	1090 × 700 × 285
Roof Opening (W × D) (mm)	400 × 400
Roof Thickness (mm)	25–60
Unit Weight (kg)	38.9
Remote Control	Included
Air Distributor Box	FJX ADBD (Ref. No: 9600051008)
Box Dimensions (W × D × H) (mm)	579 × 518 × 48
Box Weight (kg)	3.9
Air Flow (m³/h)	350
Test Marks	E-approved to EMC / Marine Directives (Pending)
Certification	CE / UKCA

Contents, specifications and availability are subject to change in the interests of technical improvement.

BLIND SYSTEMS

Life on the water gives us plenty of light and action, but unfortunately with that comes excess heat and glare that can affect your comfort whilst at sea. The range of products from Dometic Blinds has been specifically developed to tackle this issue so that your time on the water is pleasant and enjoyable.

The complete range offers the ideal systems for managing light and privacy onboard for ultimate relaxation. Unrivalled in scope and choice, our product range is designed and manufactured in-house, destruction-tested and optimised for life at sea.

Dometic offers a wide range of handmade pleated, roller, roof & hatch, and Venetian blinds helping to create the ideal onboard environment. Whether you have a shaped or inclined, recessed or hatch window the Dometic sales team will find the ultimate shading solution to keeping you cool on the water.

To view our full range of Blinds and Soft Furnishings, including technical data, please see the Dometic Blinds catalogue or contact a Sales Representative at: blindsystems@dometic.com

PLEATED BLINDS

Create a pleasant onboard atmosphere with Dometic pleated blinds.

Fitted into any size, inclined or shaped window, our range of pleated blinds offers consistency in styling, effective light, and temperature control. Child safe and available in manual and powered models.

Dometic Oceanair Skysol Pleatedshade

Fabric pleated blind for portlights and small windows.

- Selection of easy-to-use hold-down and hold-up options
- White, beige or grey
- Portlight frame-fix available
- Available in standard sizes as well as custom design

Ref. No: 9600023475

Dometic Oceanair Skysol Motion

Auto-retractable pleated blind for portlights and small windows.

- Suitable for slight inclines
- No guide wires or loose cords
- Bottom fix hold-downs available
- Choice of classic pleat or honeycomb fabrics
- White, beige or graphite hardware
- Standard sizes available as well as custom designs

Ref. No: 9600023477

Dometic Oceanair Skysol Honeycomb

An elegant custom-built pleated blind, ideal for natural light and temperature control.

- Suitable for slim recesses and inclines
- Choice of fabric types and colours
- Powered operation available with 12 V DC or 24 V DC
- Hand-held remote, wall switch, or integration into the control system
- White, beige, graphite or black hardware

Ref. No: 9600023541

Dometic Oceanair Skysol Day/Night

Combination blackout and privacy pleated blind for windows.

- Suitable for slim recesses and inclines
- Powered operation available for effortless control (12 V or 24 V DC)
- Hand-held remote, wall switch, or integration into the control system
- White, beige, graphite or black hardware

Ref. No: 9600023474

Dometic Oceanair Skysol Classic

Pleated blinds for windows of any shape or incline.

- Powered operation is available with 12 V DC or 24 V DC
- Hand-held remote, wall switch, or integration into the control system
- Low profile headrail for a discrete look
- 16 shapes suitable for any window type
- Suitable for inclines of any angle

Ref. No: 9600023419

Dometic Oceanair Skysol Track Small

Pleated blind for curved doors and windows.

- Dual fabric option available to combine privacy and blackout fabrics
- Suitable for tight radius curves
- Choice of privacy or blackout 25 mm honeycomb fabrics
- Moving rail controls adjustable blind position, available with co-ordinating handles

Ref. No: 9600023478

Dometic Oceanair Skysol Precision

A simple pleated blind that can be fitted to a doorway.

- Magnet hold downs prevents rattling noises
- Minimal fabric stack when stowed
- Lightweight makes it effortless to use
- A choice of privacy or blackout honeycomb fabrics
- Perfectly suited to aft patio doors, including child-safe design

Ref. No: 9600023476

Dometic Oceanair Skyshade Airshade

The ideal roller blind for larger portlights, hatches and cabin windows.

- Precision control system
- Shaped cassette for a classic look
- Suitable for vertical applications
- Anti-rattle end caps
- Available in white or grey
- Range of hold downs available

Ref. No: 9620016712

Dometic Oceanair Rollerblind Manual

Keep it simple on the water with manually controlled roller blinds.

- Custom manufactured to client request
- Simple to use and easy to understand
- Optional side tracks and guide wires hold the blind in place, ideal for angled apertures or if used in any moving vehicle
- Mounted profile and cassette options for easy installation

Ref. No: 9600037250

Dometic Oceanair Rollerblind Powered

Roller blinds made easier with a choice of powered controls at your disposal.

- Powered operation (12 V DC, 24 V DC or mains)
- Hand-held remote, wall switch or integration into the control system
- Suitable for hard-to-reach areas
- Guide wire or side tracks available for securely held taught blinds

Ref. No: 9600023469

ROLLER BLINDS

Dometic roller blinds provide excellent shading qualities and the benefit of extended onboard privacy.

Available in a wide range of light and temperature-regulating fabrics with manual and power options, our roller blinds can be integrated to seamlessly fit and complement other window treatments.

Dometic Oceanair Skyshade Portshade

Slim blackout roller blind for portlights or hatches.

- Simple installation with just two screws
- Anti-rattle end caps
- Range of hold-downs available
- Available in white, beige, or silver
- Available in standard sizes as well as custom design

Ref. No: 9600023473

Dometic Oceanair Skyshade Cabinshade

Blackout roller blind for windows and hatches.

- Simple installation requires just two screws
- Anti-rattle end caps
- Range of hold-downs available
- Available in white, beige, or silver
- Ideal for larger applications
- Top or face fix

Ref. No: 9600023418

Dometic Oceanair Rollerblind PrecisionRise

Use the unique smart locking mechanism to easily set and secure your blind position.

- Available with a mounting profile or cassette for simple installation
- Robust quality, ideal for the harshest marine conditions
- Optional guide wire or side tracks
- Classic roller blind look

Ref. No: 9600023470

Smart locking mechanism
Easily set and secure your blind at any position, ensuring light and temperature control.

Expertly designed
Meticulously designed for robust quality and finish.

Standard & custom options available
Select from a wide range of sizes, styles and fabric colours.

Child safe compliant
The design eliminates the need for hanging cords or wires, removing any hazards.

Contents, specifications and availability are subject to change in the interests of technical improvement.

ROOF & HATCH BLINDS

Dometic roof and hatch blinds provide nighttime privacy and blackout whilst keeping insects away, allowing for a good night's sleep.

Our roof and hatch blinds' modular design accommodates any sized hatch or desired orientation and can be retrofitted over existing hatch trims or recessed into headlinings.

Dometic Oceanair Skyshade Hatchshade

Simple roller blind with a shaped cassette, designed to create a seamless finish with the headlining.

- Powder-coated aluminium hardware
- Side pegs enable halfway opening
- Available in white or beige
- Range of hold-downs available
- Also suitable for vertical operation
- Simple and fast installation with just two screws

Ref. No: 9600023489

Dometic Oceanair Skyscreen Roller Surface

Surface-mounted blackout and flyscreen blind, ideal for retrofit.

- Quick and easy installation
- White or beige hardware colour
- Magnetic closure
- Optional seal or liner systems
- Ideal for thin decks
- Standard sizes available as well as custom design

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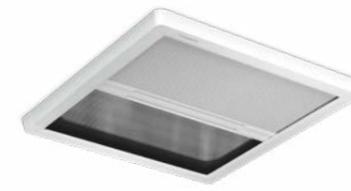
Dometic Oceanair Skyscreen Pleated

Surface-mounted blackout and flyscreen blind, ideal for retrofit.

- Slim cassette ensures minimal impact on headroom
- Easy to use lightweight blind with integrated, magnetic handles
- Suitable for angled hatches
- Concealed or surface mounted option
- White or beige hardware colour

Ref. No: 9600023485

Dometic Oceanair Skysol Track Large

Large pleated roof blind, with curved option.

- Lightweight, ideal for roof application
- Robust track technology suitable for tight radius curves
- Discrete cording with no visible guidewires
- Wide range of available fabrics in sheer, privacy, or blackout
- Day/Night option available
- Manual or powered operation available

Ref. No: 9600050502

Dometic Oceanair Skysol Frame

Combination hatch blind, engineered to sit flush with the headlining.

- Discrete cording supports fabric whilst leaving a completely clear aperture
- Pre-assembled, ready to install
- Blackout and flyscreen for temperature and light control, plus insect-free comfort
- Choose from pleated or honeycomb fabrics or use both in the same blind

Ref. No: 9600023491

Dometic Oceanair Skyscreen Roller Recessed

Combination hatch blind engineered to sit flush with the headlining.

- Durable powder-coated aluminium cassette
- Blackout blind for a good night's sleep
- Standard sizes available
- Magnetic closure

Ref. No: 9600023488

Dometic Oceanair Skyscreen Roller Concealed

Roller and flyscreen combination blind for concealed fitting within the headlining.

- Quick-release buttons available in 3 colours
- Flyscreen and blackout combination
- Custom painting available

Ref. No: 9600023487

Dometic Oceanair Skyscreen Powered

Powered hatch screen combination blind.

- Can be completely concealed into yacht headlining or recess fitted with optional covers
- Operation via hand-held remote, wall switch (not supplied), or integration into the control system
- Roller fabric
- Blackout or flyscreen or both

Ref. No: 9600023486
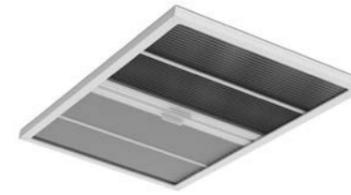
Dometic Oceanair Skysol Manual Roofblind

Manual pleated roofblind ideal for larger applications.

- Integrated within pre-assembled frame for simple installation
- Dual fabric capability for multiple shading function
- No visible guidewires when the blind is stowed

Ref. No: 9620017157

Dometic Oceanair Skysol Powered Roofblind

Pleated hatchblind for concealed fitting within the headlining.

- Innovative belt-drive system for quieter, strain-free operation
- Powered operation available with 12 V DC or 24 V DC motors
- Hand-held remote, wall switch, or integration into the control system
- Privacy or blackout fabrics available

Ref. No: 9600023490

VENETIAN BLINDS

From warm comfort to modern styling, Dometic's wide range of slats and ladders create a pleasant environment onboard whilst preserving outside views.

Our Venetian blinds accommodate shaped and inclined windows and offer optimum privacy, UV, temperature, and light control.

Dometic Oceanair Skyvenetian Precision

A versatile Venetian blind with precision-hold control.

- Choose from aluminium (16 mm or 25 mm) or wood slat (25 mm)
- Child-safe with no loose operating cords
- Elegant pinch-release chrome handles
- Range of standard colours to choose from

Ref. No: 9600023481

Dometic Oceanair Skyvenetian Alloy

Venetian blind for windows and doors.

- Curved slats offer added strength and ensure small stack height
- Powered operation available with 12 V DC, 24 V DC, or mains motors
- Range of standard colours available
- Various child-safe manual control options

Ref. No: 9600023479

Dometic Oceanair Skyvenetian Wood

Hand-crafted classic Venetian blind with the highest quality wooden slats.

- With a choice of 25 mm or 50 mm wooden slat
- Available with powered operation
- Various child-safe manual control options
- Available with guide wires or sidetracks to ensure taught blinds
- Range of standard colours to choose from

Ref. No: 9600023482

Dometic Oceanair Skyvenetian Leather

Luxury blind with slats covered in a choice of the finest leathers.

- Handmade in Great Britain
- Powered operation available
- Handheld remote, wall switch, or integration into the control system
- Select from faux or real leather fabrics
- Available with guide wires or sidetracks

Ref. No: 9600023480

SOFT FURNISHINGS

From classic to contemporary or simply introducing a touch of home comfort onboard, the versatility of Dometic's range of soft furnishings provide the ideal solution.

With an infinite choice and combination of fabrics, styles, and finishes, our design team is on hand to guide you through the entire process.

Dometic Oceanair Romanblind

Handmade fabric blind for windows.

- Suitable for slight inclines
- Interlining available for extra warmth and a luxurious touch
- Available with guide wires and side tracks
- Powered operation available with 12 V DC, 24 V DC, or mains motors
- Hand-held remote, wall switch, or integration into the control system

Ref. No: 9600023483

Dometic Oceanair Curtains

Fabric drapes for windows and doors.

- Sheer, privacy, blackout, thermal, and fire retardant fabrics available
- Powered operation available with 24 V DC or mains motors
- Hand-held remote, wall switch, or integration into the control system
- Custom track bending service, ideal for curved surfaces

Ref. No: 9600023484

Dometic Oceanair Bedding

Complete set of luxurious bedding.

- Luxury sheets made from the finest premium linens, blending cotton and polyester for optimum durability and comfort
- Design consultancy to coordinate fabrics with existing interior and furnishings
- Wide range of quality fabrics to complement any interior
- Custom-made bedspreads and throws to cater for mattresses of all shapes and sizes

Ref. No: 9600023467

Dometic Oceanair Cushions

Luxury cushions and pillows.

- Bespoke products with a large choice of styles, sizes, and designs
- Custom embroidery available on request
- Choice of luxury fillings; duck down, feather pads, polyester or custom specified
- We can select fabric to match your décor or work with your supplied fabric
- Wide variety of fabrics to choose from
- Colour contrast border options

Ref. No: 9600023466

Dometic Oceanair Towels

3-piece towel set.

- Embroidery service available
- Quick-drying properties are ideal for on-board usage
- Lengthened low twist, stable spun fibre loops offer durability, reduced drying times, and lasting colour
- Tested for absorbency, shrinkage, colour fastness, and shedding
- 100 % premium cotton

Ref. No: 9600023465

FOOD & BEVERAGE

1. Compressor Refrigerators
Attractive refrigerator series for free-standing or under-the-counter use.

2. Drawer Refrigerators
Space-saving and convenient: Fit into existing storage compartments and ideal for the flybridge. Well organised cooling space and a freezer compartment that can be removed to make room for more refrigerated items.

3. Top Loading Refrigerators
Use the depth of the cupboard space! Where space is limited, the cooling unit can be detached and fitted separately.

4. Cooling Units
Tailor-made cooling solutions offering powerful, economical and quiet performance.

KEEPING IT COOL

Built-in and free-standing refrigerators

Are you looking for a new refrigerator? A space-saving fitted model or a free-standing one with ample capacity for a longer cruise? We have put together a collection of cooling solutions that satisfy every need – compact and mid-sized drawer fridges, top loaders using the depth of the cupboard space and free-standing premium refrigerators well equipped like your fridge at home. Stainless steel, stainless look, noble black or white front – just choose the design to match your galley!

If you are looking for a smart solution to turn unused nooks and crannies on board into a refrigerated storage space, check out our ColdMachine cooling units. You will also find ready-to-use package solutions including a cooling unit and matching evaporator.

BUILT-IN REFRIGERATORS

NRX SERIES

The NRX Series of refrigerator is a veritable chameleon. It's a fridge, it's a fridge-freezer and it's a freezer.

12/24 V **ENERGY-EFFICIENT** **QUIET**

BoatingIndustry TOP PRODUCTS 2024

Fresh design, superior energy efficiency: the smart compressor-cooled NRX refrigerators provides plenty of cool storage. Their elegant frameless door, incorporating a dark grey front panel and a convenient full-width handle, opens to a versatile interior. You can easily remove the the freezer compartment to use the full cabinet capacity for refrigeration or deep-freezing.

Up to 25 % more efficient than comparable refrigerators. Efficiency brings sustainability, reduces energy consumptions and onboard energy requirements.

Benefits of NRX series

- Energy-efficient high-end compressor with 3 operating modes (Eco/Performance/Silent)
- Frameless door with dark grey front panel and full-width handle
- Beveled rear side for maximal utilisation of space on board
- Reversible door hinge – can be fitted left or right as required
- Dual function locks can also act as vents for your fridge
- Standard or flush-mount installation frame available as accessory
- 3-in-1 cooling solution: fridge, freezer or both at the same time

Dometic NRX C

Compressor refrigerator. Frameless door with dark grey front panel and full-width handle.

3-in-1 Solutions:
Fridge/Freezer/Fridge & Freezer.

Dometic NRX S

Compressor refrigerator. Frameless stainless steel 316 door with and full-width stainless steel handle.

3-in-1 Solutions:
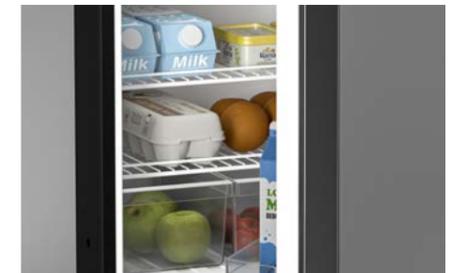Fridge/Freezer/Fridge & Freezer.

1. Touch control panel
Flush-mounted inside the cabinet, with nicely integrated LED light bar.

2. Stay fresh in Winter Mode
Smart closing mechanism to create a gap between the fridge and door for airing out.

3. Well-equipped interior
Freezer, shelves, bottle holder, door tray, crispers – it's all there.

4. Removable freezer
The freezer compartment can be easily removed to make room more fridge storage.

5. Two crispers
For storing fruit and vegetables at the optimal temperature.

6. Premium compressor
Energy-efficient, light, compact compressor with 3 operating modes (Eco/Boost/Silent).

	NRX C Series	NRX S Series
Door Finish	Dark Grey (VCM SUS430)	Stainless Steel (SUS316)
Energy Efficient Compressor	Yes	Yes
Refrigeration Modes		
Full Refrigerator	Yes	Yes
Full Freezer (−6 °C)	Yes	Yes
Freezer Box	Yes	Yes
Function Modes		
Performance Mode	Yes	Yes
Eco Mode	Yes	Yes
Silent Mode	Yes	Yes
Full Freezer Mode	Yes	Yes
Interior		
Freezer Box	Yes	Yes
Shelves	2 × White Metal	2 × Stainless Steel (SUS304)
Salad Crisper Drawers	2	2
Lower Door Bottle Tray	w/ Bottle Holders	w/ Bottle Holders, Stainless Steel Metallic Strip
Upper Door Tray	1 Upper Door Tray	1 Upper Door Tray, Stainless Steel Metallic Strip
Opening		
Smart Full-Width Handle	Black	Stainless Steel (SUS316)
Indicator Slider	Yes	Yes
Top Lock	Yes	Yes
Bottom Lock	Yes	Yes
Accessories		
Flush Mount Frame SUS316	No	Yes
Flush Mount Frame SUS430	Yes	No
DPS-R135 AC/DC Adapter	Yes	Yes
Sliding Hinge Kit	Yes	Yes

Contents, specifications and availability are subject to change in the interests of technical improvement.

DRAWER REFRIGERATORS

NRXD SERIES

Great value, space saving, and highly efficient pull-out compressor fridges for all your on-board chilling needs.

12/24 V   **ENERGY-EFFICIENT**   **QUIET**

Who doesn't appreciate seeing their food and provisions sliding smoothly towards them? Our drawer fridges have a convenient way of letting you keep track of what you have. Use as a fridge-freezer combination or, thanks to the easy-to-remove freezer compartment, as a freezer or fridge only with even more storage capacity. Both drawer fridges are available in two versions: with a stainless steel front panel or in dark silver.

The Dometic NRXD Series drawer fridges combine cool elegance and innovative features behind an elegant front panel design. They boast a premium Dometic compressor, a modular interior with adjustable partitions and versatile storage tray, and a secure door lock including winter position to allow air ventilation and prevent mould build-up. This premium design is perfect for a luxurious, flush mounting.

Dometic NRXD 50C /50S

Self-close drawer fridge, 44 L

- Convenient slide-out access to refreshments
- Elegant front panel design
- Full-width door handle
- Energy-efficient, variable-speed compressor with 3 operating modes: Performance/Eco/Silent
- Easy-to-use control panel
- Multiple storage options
- Two-point locking system (S version only)
- Standard or flush-mount installation frame available as accessory

Dometic NRXD 60C / NRXD 60S

Self-close drawer fridge, 55 L

- Convenient slide-out access to refreshments
- Elegant front panel design
- Full-width door handle
- Energy-efficient, variable-speed compressor with 3 operating modes: Performance/Eco/Silent
- Easy-to-use control panel
- Multiple storage options
- Two-point locking system (S version only)
- Standard or flush-mount installation frame available as accessory

ACCESSORIES

NEW
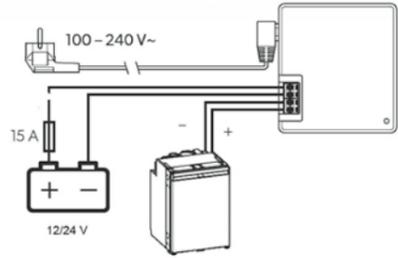
Dometic DPS-R 135 Adapter

Introducing our latest accessory for your on-water adventures: the Dometic DPS-R 135 Power Adapter. Say goodbye to limitations and hello to convenience with this versatile AC/DC adapter, specially crafted to keep your boating experience smooth sailing and offering unparalleled flexibility to meet your power needs.

Designed to seamlessly integrate with our cutting-edge NRX Series compressor refrigerators but also compatible with other 12/24 V appliances, this adapter opens up a world of possibilities. Whether you're out on the open water or docked at your favourite marina, you can now enjoy the convenience of reliable power wherever you go.

EU plug | Ref. No: 9620013449
UK plug | Ref. No: 9620013450
US plug | Ref. No: 9620013451

Compact Fit
Offers convenience with its compact size and effortless connection. Its sleek design saves space on your boat while easy-to-use connectors ensure seamless power transitions during marine adventures.

Smart Back-Up
Automatically reverts to battery power (12/24V) when unplugged, maintaining consistent voltage for reliable appliance utilisation on the go.

Seamless Switching
Effortlessly transition from battery to mains power (100–240 V) for uninterrupted appliance operation on any voyage.

Dometic DPS-R 135

Refrigeration Power Adapter

MODEL	DPS-R 135
Input voltage	100/240 V AC & 12/24 V DC
Output voltage	27 V
Output current	5 A
Input frequency	50/60 Hz
Priority circuit (Integrated)	Yes
Energy efficiency	> 88 %
Continuous power 25°C	135 W
Operating temperature	−10 °C to +43 °C
Weight	0.6 kg
Dimensions (W × H × D)	32 × 100 × 110 mm

Dometic NRX Universal Flush-mount Frame

A universal stainless steel or matt finish, flush mount installation frame for Dometic NRX fridges. Suitable for all sizes, ranging from 32L to 126L, the installation frame ensures a secure fit and luxury finish.

- Available in stainless steel or matte finish
- Securely fits your fridge in place
- A neat and smart frame for your fridge
- Two door mounting options: protruding or flush with frame

NRX UFM 50SB | Ref. No: 9620012874
NRX UFM 60SB | Ref. No: 9620012875
NRX UFM 80SB | Ref. No: 9620012880
NRX UFM 115SB | Ref. No: 9620012879
NRX UFM 130SB | Ref. No: 9620012883

NRX UFM 50ST | Ref. No: 9620012877
NRX UFM 60ST | Ref. No: 9620012881
NRX UFM 80ST | Ref. No: 9620012882
NRX UFM 115ST | Ref. No: 9620012878
NRX UFM 130ST | Ref. No: 9620012876

NRX Sliding Hinge Kit

A specialised component designed to facilitate the integration of the NRX behind a customized galley furniture. This sliding hinge mechanism allows for precise alignment and movement, ensuring that both doors open and close efficiently.

An accessory that brings more installation options to the NRX. Simply secure the attachment and ensure smooth-running hinge functionality for excellent usability.

- Compatible with all NRX refrigerator models
- Simplified kit for ease of use
- Specifically designed for NRX refrigerator handles
- Dimensions (W × H × D): 290 × 35 × 60 mm / 11.42 × 1.38 × 2.36 in

Ref. No: 9620012939

Contents, specifications and availability are subject to change in the interests of technical improvement.

Dometic CoolMatic NRX 35C / 35S / 50C / 50S
Compressor Refrigerators

NRX 35C/35S


```
   380±3           355±3
                              ___
                              525±3
   480±3
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NRX 50C/50S


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   380±3           510±3
                              ___
                              525±3
```

MODEL	NRX 35C	NRX 35S	NRX 50C	NRX 50S
Material	Frameless door with dark grey front panel and full-width plastic handle.	Frameless SS 316 door with full-width SS handle.	Frameless door with dark grey front panel and full-width plastic handle.	Frameless SS 316 door with full-width SS handle.
Capacity:				
– Total capacity	32.0 L (1.15 cu ft)		44.0 L (1.6 cu ft)	
– Total capacity (freezer compartment removed)	34.0 L (1.2 cu ft)		46.0 L (1.63 cu ft)	
– Refrigerator compartment	27.3 L (0.97 cu ft)		39.6 L (1.4 cu ft)	
– Freezer compartment	4.4 L (0.16 cu ft)		4.4 L (0.16 cu ft)	
Connection voltage	Americas: 12/24 V DC; 110/240 V AC APAC: 12/24 V DC; 110/240 V AC EMEA: 12/24 V DC; 100/240 V AC with optional power supply accessory			
Supply battery protection (12 V):				
– Cut-off voltage	10.4 V			
– Cut-in voltage	11.7 V			
Supply battery protection (24 V):				
– Cut-off voltage	22.8 V			
– Cut-in voltage	24.2 V			
Climate class	T			
Storage temperature range:				
– Refrigerator	0 °C to +12 °C (32 °F to 54 °F)			
– Freezer compartment	−15 °C to −5 °C (5 °F to 23 °F)			
– Freezer mode	−6 °C (21.2 °F)			
Intended ambient temperature use	+16 °C to +43 °C (60 °F to 110 °F)			
Refrigerant	R134a			
Refrigerant quantity	24 g		26 g	
CO_2 equivalent	0.034 t		0.037 t	
Global warming potential (GWP)	1430			
Noise emission (EN60704)	40−45 dB(A)			
Energy consumption/24 h (at 16 °C)	0.47 Ah		0.49 Ah	
Energy consumption/24 h (at 32 °C)	1.13 Ah		1.38 Ah	
Dimensions (W × H × D)	380 × 525 × 355/480 mm (15.0 × 20.7 × 14.0/18.9 in)		380 × 525 × 510 mm (15.0 × 20.7 × 20.1 in)	
Weight	16 kg (35.3 lb)		17 kg (37.5 lb)	

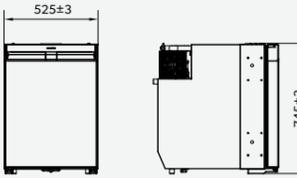| Product	Americas Ref. No.	EMEA Ref. No.	APAC Ref. No.
Dometic CoolMatic NRX35C	9620001830	9620001484	9620001857
Dometic CoolMatic NRX35S	9620001851	9600051672	9620001869
Dometic CoolMatic NRX50C	9620001829	9620001481	9620001870
Dometic CoolMatic NRX50S	9620001854	9600051673	9620001855
Optional extras			
Universal flush-mount frame, NRX 35C/50C (Black powder coating, SUS430)	9620012874		
Universal flush-mount frame, NRX 35S/50S (SUS316)	9620012877		
Dometic DPS-R 135 Power Adapter	9620013449		

Universal flush mount fixing kit can be used for flush mount & standard installation.

Dometic CoolMatic NRX 60C / 60S / 80C / 80S
Compressor Refrigerators

NRX 60C/60S


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   448±3           537±3
                              ___
                              525±3
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NRX 80C/80S


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   475±3           537±3
                              ___
                              625±3
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MODEL	NRX 60C	NRX 60S	NRX 80C	NRX 80S
Material	Frameless door with dark grey front panel and full-width plastic handle.	Frameless SS 316 door with full-width SS handle.	Frameless door with dark grey front panel and full-width plastic handle.	Frameless SS 316 door with full-width SS handle.
Capacity:				
– Total capacity	55.0 L (1.95 cu ft)		75.0 L (2.65 cu ft)	
– Total capacity (freezer compartment removed)	58.0 L (2.05 cu ft)		78.0 L (2.75 cu ft)	
– Refrigerator compartment	48.9 L (1.73 cu ft)		68.4 L (2.42 cu ft)	
– Freezer compartment	6.1 L (0.22 cu ft)		6.6 L (0.25 cu ft[1])	
Connection voltage	Americas: 12/24 V DC; 110/240 V AC APAC: 12/24 V DC; 110/240 V AC EMEA: 12/24 V DC; 100/240 V AC with optional power supply accessory			
Supply battery protection (12 V):				
– Cut-off voltage	10.4 V			
– Cut-in voltage	11.7 V			
Supply battery protection (24 V):				
– Cut-off voltage	22.8 V			
– Cut-in voltage	24.2 V			
Climate class	T			
Storage temperature range:				
– Refrigerator	0 °C to +12 °C (32 °F to 54 °F)			
– Freezer compartment	−15 °C to −5 °C (5 °F to 23 °F)			
– Freezer mode	−6 °C (21.2 °F)			
Intended ambient temperature use	+16 °C to +43 °C (60 °F to 110 °F)			
Refrigerant	R134a			
Refrigerant quantity	30 g		32 g	
CO_2 equivalent	0.043 t		0.046 t	
Global warming potential (GWP)	1430			
Noise emission (EN60704)	40−45 dB(A)			
Energy consumption/24 h (at 16 °C)	0.50 Ah		0.50 Ah	
Energy consumption/24 h (at 32 °C)	1.39 Ah		1.43 Ah	
Dimensions (W × H × D)	448 × 525 × 537 mm (17.6 × 20.7 × 21.1 in)		475 × 625 × 537 mm (18.7 × 24.6 × 21.1 in)	
Weight	17 kg (37.5 lb)		20 kg (44.1 lb)	

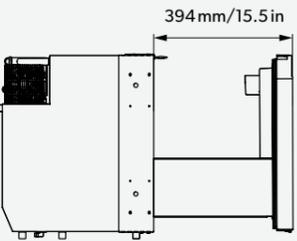| Product	Americas Ref. No.	EMEA Ref. No.	APAC Ref. No.
Dometic CoolMatic NRX60C	9620001833	9620001486	9620001872
Dometic CoolMatic NRX60S	9620001850	9600051674	9620001858
Dometic CoolMatic NRX80C	9620001834	9620001483	9620001868
Dometic CoolMatic NRX80S	9620001853	9600051675	9620001856
Optional extras			
Universal flush-mount frame, NRX 60C (Black powder coating, SUS430)	9620012875		
Universal flush-mount frame, NRX 60S (SUS316)	9620012881		
Universal flush-mount frame, NRX 80C (Black powder coating, SUS430)	9620012880		
Universal flush-mount frame, NRX 80S (SUS316)	9620012882		
Dometic DPS-R 135 Power Adapter	9620013449		

Universal flush mount fixing kit can be used for flush mount & standard installation.

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Contents, specifications and availability are subject to change in the interests of technical improvement.

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Dometic NRX 115C / 115S / 130C / 130S
Compressor Refrigerators

MODEL		NRX115C	NRX115S	NRX130C	NRX130S
NRX 115C/115S	Material	Frameless door with dark grey front panel and full-width plastic handle.	Frameless SS 316 door with full-width SS handle.	Frameless door with dark grey front panel and full-width plastic handle.	Frameless SS 316 door with full-width SS handle.
	Capacity:				
	– Total capacity	113.0 L (4.0 cu ft)		126.0 L (4.5 cu ft)	
	– Total capacity (freezer compartment removed)	116.0 L (4.1 cu ft)		130.0 L (4.6 cu ft)	
	– Refrigerator compartment	104.5 L (3.69 cu ft)		118.0 L (4.17 cu ft)	
	– Freezer compartment	8.2 L (0.29 cu ft)		8.2 L (0.29 cu ft)	
	Connection voltage	AMER: 12/24 V DC; 110/240 V AC APAC: 12/24 V DC; 110/240 V AC EMEA: 12/24 V DC; 100/240 V AC with optional power supply accessory			
	Supply battery protection (12 V):				
	– Cut-off voltage	10.4 V			
	– Cut-in voltage	11.7 V			
	Supply battery protection (24 V):				
	– Cut-off voltage	22.8 V			
	– Cut-in voltage	24.2 V			
	Climate class	T			
	Storage temperature range:				
NRX 130C/130S	– Refrigerator	0 °C to +12 °C (32 °F to 54 °F)			
	– Freezer compartment	−15 °C to −5 °C (5 °F to 23 °F)			
	– Freezer mode	−6 °C (21.2 °F)			
	Intended ambient temperature use	+16 °C to +43 °C (60 °F to 110 °F)			
	Refrigerant	R134a			
	Refrigerant quantity	40 g			
	CO² equivalent	0.057 t			
	Global warming potential (GWP)	1430			
	Noise emission (EN60704)	40–45 dB(A)			
	Energy consumption/24 h (at 16 °C)	1.73 Ah		2.15 Ah	
	Energy consumption/24 h (at 32 °C)	0.71 Ah		0.75 Ah	
	Dimensions (W × H × D)	525 × 745 × 568 mm (20.7 × 29.3 × 22.4 in)		525 × 812 × 568 mm (20.7 × 32.0 × 22.4 in)	
	Weight	25 kg (55.1 lb)		26 kg (61.7 lb)	

Product	Americas Ref. No.	EMEA Ref. No.	APAC Ref. No.
Dometic CoolMatic NRX115C	9620001831	9620001485	9620001871
Dometic CoolMatic NRX115S	9620001852	9600051676	9620001860
Dometic CoolMatic NRX130C	9620001832	9620001482	9620001867
Dometic CoolMatic NRX130S	9620001849	9600051677	9620001859
Optional extras		**Ref. No.**	
Universal flush-mount frame, NRX115C (Black powder coating, SUS430)		9620012879	
Universal flush-mount frame, NRX115S (SUS316)		9620012878	
Universal flush-mount frame, NRX130C (Black powder coating, SUS430)		9620012883	
Universal flush-mount frame, NRX130S (SUS316)		9620012876	
Dometic DPS-R 135 Power Adapter		9620013449	

525±3

745±3

525±3

812±3

Universal flush mount fixing kit can be used for flush mount & standard installation.

Dometic NRXD 50C / 50S & NRXD 60C / 60S
Pull-out Compressor Refrigerators, 12/24 V DC

MODEL		NRXD 50C	NRXD 50S	NRXD 60C	NRXD 60S
NRXD 50S	Material	Frameless door with dark grey front panel and full-width plastic handle.	Frameless SS 316 door with full-width SS handle.	Frameless door with dark grey front panel and full-width plastic handle.	Frameless SS 316 door with full-width SS handle.
	Capacity:				
	– Total capacity	46.0 L (12.15 gal)		58.0 L (15.32 gal)	
	– Total capacity (freezer compartment removed)	44.0 L (11.62 gal)		55.0 L (14.53 gal)	
	– Refrigerator compartment	41.6 L (10.99 gal)		51.9 L (13.71 gal)	
NRXD 50C	– Freezer compartment	4.4 L (1.16 gal)		6.1 L (1.61 gal)	
	Connections	AMER: 12/24 V DC; 110/240 V AC (*C Series is only 12/24 V DC) EMEA: 12/24 V DC; 100/240 V AC with optional power supply accessory APAC: 12/24 V DC; 110/240 V AC			
	Supply battery protection (12V)				
	– Cut-off voltage	10.4 V			
	– Cut-in voltage	11.7 V			
	Supply battery protection (24V)				
NRXD 60S	– Cut-off voltage	22.8 V			
	– Cut-in voltage	24.2 V			
	Climate class	T			
	Storage temperature range:				
	– Refrigerator	0 °C to +12 °C (32 °F to 53.6 °F)			
	– Freezer compartment	−15 °C to −5 °C (5 °F to 23 °F)			
	– Freezer mode	−6 °C (21.2 °F)			
	Intended ambient temperature use	+16 °C to +43 °C (60.8 °F to 109.4 °F)			
NRXD 60C	**Refrigerant**	R600a (EMEA & APAC); R1234yf (AMER) Refrigerant quantity: 12 g CO₂ equivalent: 0.000 t Global warming potential (GWP): 3		R600a (EMEA & APAC); R1234yf (AMER) Refrigerant quantity: 12 g CO₂ equivalent: 0.000 t Global warming potential (GWP): 3	
	Noise emission (EN60704)	40–45 dB(A)			
	Energy consumption/24 h (at 16 °C)	0.50 Ah		0.53 Ah	
	Energy consumption/24 h (at 32 °C)	1.42 Ah		1.57 Ah	
	Dimensions (W × H × D)	380 × 525 × 510 mm (14.96 × 20.67 × 20.8 in)		448 × 525 × 537 mm (17.64 × 20.67 × 21.14 in)	
	Weight	NRXD C Series: 18.9 kg (41.7 lb) NRXD S Series: 19.6 kg (43.2 lb)		NRXD C Series: 20.3 kg (44.8 lb) NRXD S Series: 21 kg (46.3 lb)	

Product	Americas Ref. No.	EMEA Ref. No.	APAC Ref. No.
Dometic NRXD 50C	9620017628	9620017636	9620017629
Dometic NRXD 60C	9620017631	9620017635	9620017630
Dometic NRXD 50S	9620017632	9620017633	9620017625
Dometic NRXD 60S	9620017627	9620017634	9620017626
Optional extras		**Ref. No.**	
Universal flush-mount frame, NRX 50C (Black powder coating, SUS430)		9620012874	
Universal flush-mount frame, NRX350S (SUS316)		9620012877	
Universal flush-mount frame, NRX60C (Black powder coating, SUS430)		9620012875	
Universal flush-mount frame, NRX60S (SUS316)		9620012881	

394 mm/15.5 in

Universal flush mount fixing kit can be used for flush mount & standard installation.

CD SERIES DRAWER REFRIGERATORS

Low on space? The Dometic CoolMatic CD Series compact drawer fridges ensures you don't need to go without the comforts of an effective cooling device. These innovative fridges are ideal for confined spaces: offering flexibility with a cooling unit that can be installed separately. Efficient usage is promoted with a variable thermostat temperature control and convenient access with easy-pull drawers running on roller bearing slides. Plus, the safe locking mechanism helpfully allows you to unlock and open the fridge in a single movement.

Dometic Coolmatic
CD 20W/CD 20/CD 20S

Compressor drawer fridge, 20 L

- Compact design and smart solution: the cooling unit can be fitted to the side of the cooler (left or right) and up to 1.5 m away
- Space saving, flat and compact design is ideal for confined areas
- Unlock and open with a single movement

CD 20, black front | Ref. No: 9620000721
CD 20W, white front | Ref. No: 9620000724
CD 20S, stainless steel front | Ref. No: 9620000723
Installation Frame | Ref. No: 9105303901

Dometic Coolmatic
CD 30W/CD 30/CD 30S

Compressor drawer fridge, 30 L

- Compact design and smart solution: the cooling unit can be fitted to the side of the cooler (left or right) and up to 1.5 m away
- Space saving, flat and compact design is ideal for confined areas
- Unlock and open with a single movement

CD 30, black front | Ref. No: 9620000726
CD 30W, white front | Ref. No: 9620000727
CD 30S, stainless steel front | Ref. No: 9620000725
Installation Frame | Ref. No: 9105303901

1. Set your own temperature
Vary the temperature as you wish and use energy efficiently.

2. Easy pull drawers
Runs on roller-bearing sides making the draws glide out with ease.

3. Fully integrated
Installation frames to allow for seamless fitting, and colours that blend with existing structure.

CB SERIES TOP LOADING REFRIGERATORS

The Dometic CoolMatic CB Series are the go-to refrigerators for tight spaces. With solar power capability and a detachable cooling unit, there are plenty of features to be enjoyed. A handy 1.5 m lead gives flexibility of position and their temperature range of +10 °C to −12 °C allows varied use. Crucially for avid travellers, the CB Series perform best in a moderate climate.

Dometic Coolmatic CB 36W

Top-loading built-in compressor refrigerator, 36 L

- Space-saving, compact design is ideal for small spaces
- Superb cooling performance. Range: +10 °C to −12 °C
- Detachable cooling unit with 1.5 m supply cable for convenient positioning
- 12 / 24 V

Ref. No: 9600051194

Dometic Coolmatic CB 40W

Top-loading built-in compressor refrigerator, 40 L

- Space-saving, compact design is ideal for small spaces
- Superb cooling performance. Range: +10 °C to −12 °C
- Detachable cooling unit with 1.5 m supply cable for convenient positioning
- 12 / 24 V

Ref. No: 9600051193

1. Set your own temperature
Vary the temperature as you wish and use energy efficiently.

2. Easy loading
Top-down loading makes it quick and easy to load, with a basket to help organise items (CB 40W only).
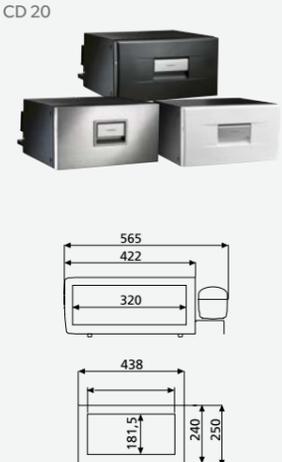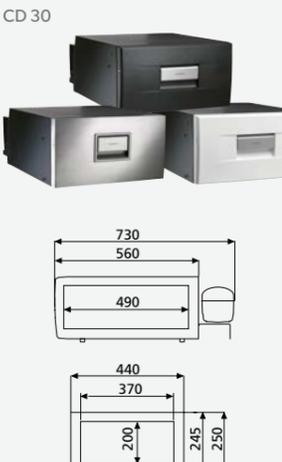
3. White inner liner
Helps keep in the cold and makes the unit easier to clean.

Dometic CoolMatic CD 20 / CD 20W / CD 20S / CD 30 / CD 30W / CD 30S

Compressor Drawer Refrigerator, 12 / 24 V DC

MODEL	CD 20 / CD 20W / CD 20S
Storage volume	20 L
Connections	12 / 24 V DC
Average power consumption	40 W
Current consumption at 12 V	0.67 Ah/h at +20 °C ambient temperature, 1.33 Ah/h at +32 °C ambient temperature, both at +5 °C interior temperature
Refrigerant	R134a, Refrigerant quantity: 38 g, CO_2 equivalent: 0.054 t Global warming potential (GWP): 1430
Insulation	PU foam all around
System	Fully hermetic compressor with integrated control electronics, electronic thermostat, low voltage protection / electronic fuse, automatic reverse pole protection
Material	Sturdy metal housing, drawer of injection-moulded parts
Colour	CD 20: black CD 20W: black, front white CD 20S: black, stainless steel
Quality features	Convenient access with easy-pull drawers running on ball bearing slides, temperature regulation with continuously variable thermostat, unlocking and opening with a single movement, safe locking mechanism. A smart solution in confined spaces: the cooling unit can be fitted to the side of the cooler (left/right), or up to 1.5 metres away.
Weight	16.1 kg
Test marks	e-certified (Automotive EMC Directive)

CD 20

CD 30

MODEL	CD 30 / CD 30W / CD 30S
Storage volume	30 L
Refrigerant	R134a, Refrigerant quantity: 42 g, CO_2 equivalent: 0.060 t Global warming potential (GWP): 1430
Colour	CD 30: black CD 30W: black, front white CD 30S: black, stainless steel
Weight	18 kg

Further technical data as for CD 20 / CD 20W / CD 20S

Product	Ref. No.
Dometic CoolMatic CD 20	9620000721
Dometic CoolMatic CD 20W	9620000724
Dometic CoolMatic CD 20S	9620000723
Dometic CoolMatic CD 30	9620000726
Dometic CoolMatic CD 30W	9620000727
Dometic CoolMatic CD 30S	9620000725
Optional extras	
Stainless steel installation frame	9105303901

Dometic CoolMatic CB 36 / CB 40

Built-in Compressor Cooler, 12 / 24 DC

MODEL	CB 36	CB 40
Storage volume	36 L	40 L
Connections	12 / 24 V DC	
Temperature range	+10 to −12 °C	
Average power consumption	45 W	
Current consumption at 12 V	0.56 Ah/h at +20 °C ambient temperature, 0.94 Ah/h at +32 °C ambient temperature, both at +5 °C interior temperature	0.64 Ah/h at +20 °C ambient temperature, 1.01 Ah/h at +32 °C ambient temperature, both at +5 °C interior temperature
Refrigerant	R600a, Refrigerant quantity : 60 g, CO_2 equivalent: 0.00 Global warming potential (GWP): 3	
Insulation	PU foam all around	
System	Fully hermetic compressor with integrated control electronics, electronic thermostat, low voltage protection / electronic fuse, automatic reverse pole protection	
Material	Outside: zinc coated sheet steel, inside: white coated steel base: shock-resistant plastic	
Colour	Body: grey, Decor panel: pale grey	
Quality features	The cooling unit can be fitted up to 1.5 metres away from the box	
Weight	17 kg	19 kg
Test marks	TÜV/GS, e-certified (Automotive EMC Directive)	

Product	Ref. No.
Dometic CoolMatic CB 36	9600051194
Dometic CoolMatic CB 40	9600051193

CB 36

CB 40

Contents, specifications and availability are subject to change in the interests of technical improvement.

CUSTOM REFRIGERATION

DOMETIC CSX SERIES

The Dometic CSX is a self-contained cooling system engineered for effortless installation and reliable performance. Ideal for volumes between 50 and 400 L, it combines a high-efficiency compressor, fan-cooled evaporator, and digital temperature control in one space-saving unit. Simply drop it in, connect power, and enjoy consistent cooling without the complexity of remote couplings. With low-GWP refrigerant*, reduced power draw and a durable marine-ready build, the CSX is the smarter way to keep provisions fresh – whether you're coastal cruising or voyaging offshore.

Key benefits

- Integrated compressor and evaporator for easy drop-in install
- Fan-assisted airflow reduces cool-down time and maintains even temperature
- Digital temperature control with high-accuracy NTC sensor
- Up to 20% lower power consumption vs. previous models
- Low-GWP refrigerant* (R1234yf) for reduced environmental impact
- Built-in LED compartment lighting for better visibility
- Compact footprint for space-restricted galleys or boxes
- Available in refrigerator or deep-freezer versions
- Electronic control with automatic defrost logic

COOLING UNITS – COOLING AND EVAPORATOR PACKAGES

Looking to convert a compartment or storage space into a fridge between 50 and 400 L? Choose from our CSX self-contained cooling system or our CX & VX compact condensing units paired with versatile evaporators. Together, they offer a flexible, reliable solution that adapts seamlessly across a wide range of applications.

Dometic CSX200

Self-contained cooling system for max 200 L

Ref. No: 9630000213

Dometic CSX400

Self-contained cooling system for max 400 L

Ref. No: 9630000214

Dometic CSX150FZ

Self-contained cooling system for max 150 L (deep freezing)

Ref. No: 9630000215

*GWP = Global Warming Potential refers to the global warming potential should a gas be emitted into the atmosphere. The higher the GWP value, the more harmful the gas's impact on the environment.
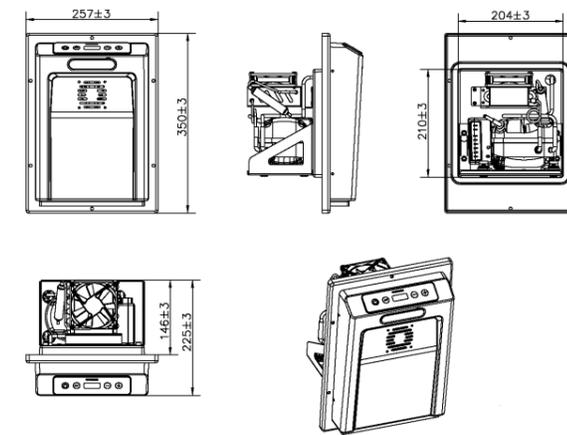
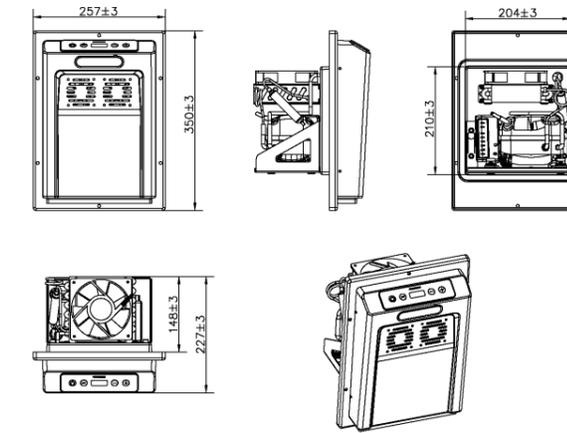# Dometic CSX

Self-contained cooling systems

MODEL		CSX200	CSX400	CSX150FZ
	Max. Cooling Capacity	200	400	150 (Deep Freezing)
	Connection Voltage	12/24 V DC	12/24 V DC	12/24 V DC
	Power Consumption (Rated Max W)	75 W	77 W	81 W
	Refrigerant Type	R1234yf	R1234yf	R1234yf
	Global Warming Potential (GWP)	4	4	4
	Refrigerant Quantity	42 g	45 g	65 g
	CO_2 Equivalent (tCO_2)	0.00017	0.00018	0.00026
	Dimensions (W × H × D)			
	– Full Unit	257 × 350 × 225 mm	257 × 350 × 225 mm	414 × 415 × 400 mm
	– Evaporator Side	257 × 350 × 79 mm	257 × 350 × 79 mm	414 × 415 × 170 mm
	– Cutout	204 × 210 mm	204 × 210 mm	204 × 210 mm
	Weight	2 kg	1.5 kg	1.5 kg
Product				**Ref. No.**
Dometic CSX400				9630000213
Dometic CSX200				9630000214
Dometic CSX150FZ				9630000215

CSX200

CSX400

CSX150FZ

Dimensions CSX 200

Dimensions CSX 400

Dimensions CSX 150FZ

Contents, specifications and availability are subject to change in the interests of technical improvement.
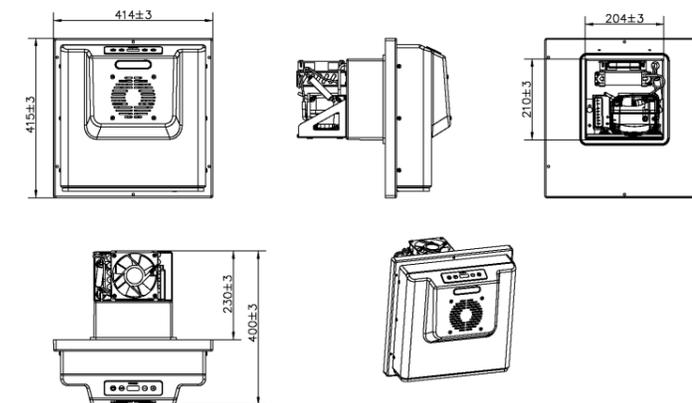
DOMETIC CX & VX SERIES

The Dometic CX & VX series delivers tailored cooling power for every boat and every box. With compact condensing units and versatile evaporators, the system adapts seamlessly to volumes from 50 to 400 L. Precision digital control, reliable quick-connect couplings and low-GWP refrigerant* make installation simple and performance dependable. Whether for a compact galley fridge or a high-capacity fish box, CX & VX gives you the flexibility to design refrigeration that's as individual as your voyage.

Key benefits

- Flexible combinations of condensing units and evaporators to suit boxes from 50–600 L
- Reliable quick-connect couplings for fast, secure installation
- Compact compressor units designed for tight marine spaces
- Modern roll-bond evaporators with a clean faceplate design for seamless integration
- Precision digital temperature control with high-accuracy NTC sensor
- Energy-efficient performance with low-GWP refrigerant* (R1234yf)
- Suitable for both new builds and retrofit upgrades
- Multiple evaporator formats (flat, O-box, fan-cooled, freezer) to match any compartment

*GWP = Global Warming Potential refers to the global warming potential should a gas be emitted into the atmosphere. The higher the GWP value, the more harmful the gas's impact on the environment.

Dometic CX & VX Range Overview

CONDENSING UNIT	CAPACITY	COMPATIBLE EVAPORATORS			CONTROL & MONITORING
		FLAT ROLL-BOND	O-BOX ROLL-BOND	FAN COOLED	
CX 100	Up to 100 L (3.5 cu ft)	VX 50	VX 100-O	n/a	Digital Display & NTC Sensor
		VX 100			
CX 250	Up to 250 L (8 cu ft)	VX 150	VX 250-O	VX 200F	Internal or external mounting; precise °C/°F control
		VX 250			
CX 400	Up to 400 L (14 cu ft)	VX 300	VX 400-O	VX 150FZ	
				VX 400F	
CX600	Up to 600 L (20 cu ft)	OEM custom plates & fish boxes	n/a		

Dometic CX 100

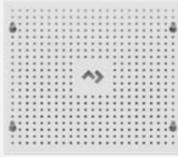Condensing units for volumes up to 100 litres/3.5 cu ft

Ref. No: 9630000216
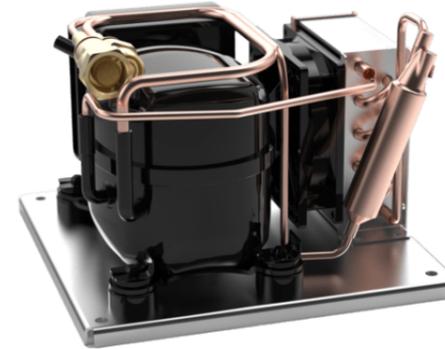
MODEL	CX 100
Max. cooling capacity	100 L / 3.5 cu ft
Connection voltage	12/24 V DC
Power consumption (rated max W)	70 W
Refrigerant type	R1234yf
Global Warming Potential (GWP)	0.501
Refrigerant quantity	30 g
CO_2 equivalent (tCO_2)	0.000015
Dimensions (W × H × D)	195 × 200 × 141 mm
Weight	3.6 kg

Dometic VX Evaporators compatible with Dometic CX 100
Evaporators

MODEL		VX 50		VX 100		VX 100-O	
	Unit type	Roll-bond capillary plate		Roll-bond capillary plate		Roll-bond capillary plate	
	Type of cooling compartment	Fridge	Freezer	Fridge	Freezer	Fridge	Freezer
	Max. cooling capacity at 35 mm PU	35	12	70	24	70	24
	Max. cooling capacity at 50 mm PU	50	17	100	35	100	35
	Max. cooling capacity at 100 mm PU	80	27	180	60	180	60
	Internal freezer volume	–		–		4.5 m^3	
	Connection voltage	12/24 V DC		12/24 V DC		12/24 V DC	
	Power consumption (rated max W)	72 W		65 W		60 W	
	Refrigerant type	R1234yf		R1234yf		R1234yf	
	GWP	0.501		0.501		0.501	
	Refrigerant quantity	10 g		15 g		15 g	
	CO_2 equivalent (tCO_2)	0.000005		0.000008		0.000008	
	Pipe length	2.2 m		2.2 m		2.2 m	
	Connection type	Spring coupling		Spring coupling		Spring coupling	
	Dimensions (W × H × D)	275 × 240 × 30 mm		375 × 250 × 30 mm		271 × 214 × 124 mm	
	Weight	0.6 kg		0.7 kg		1.2 kg	
Product						Ref. No.	
Dometic VX50						9630000219	
Dometic VX100						9630000220	
Dometic VX100-O						9630000224	

VX 50

VX 100

VX 100-O

Contents, specifications and availability are subject to change in the interests of technical improvement.

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CLIMATE

FOOD & BEVERAGE

POWER & CONTROL

HYGIENE & SANITATION

STABILIZATION

Dometic CX 250

Condensing units for volumes up to 250 litres/8 cu ft

Ref. No: 9630000217
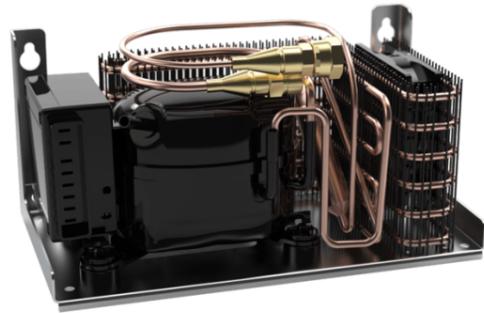
MODEL	CX 100
Max. cooling capacity	250 L/8 cu ft
Connection voltage	12/24 V DC
Power consumption (rated max W)	75 W
Refrigerant type	R1234yf
Global Warming Potential (GWP)	0.501
Refrigerant quantity	35 g
CO_2 equivalent (tCO_2)	0.000015
Dimensions (W × H × D)	290 × 156 × 144 mm
Weight	4.4 kg

Dometic CX 400

Condensing units for volumes up to 400 litres/14 cu ft

Ref. No: 9630000218

MODEL	CX 400
Max. cooling capacity	400 L/14 cu ft
Connection voltage	12/24 V DC
Power consumption (rated max W)	80 W
Refrigerant type	R1234yf
Global Warming Potential (GWP)	0.501
Refrigerant quantity	35 g
CO_2 equivalent (tCO_2)	0.000018
Dimensions (W × H × D)	290 × 156 × 144 mm
Weight	4.1 kg

Dometic VX Evaporators compatible with Dometic CX 200
Evaporators

MODEL		VX 150		VX 250		VX 250-O		VX 200F
Unit type		Roll-Bond Capillary Plate		Roll-Bond Capillary Plate		Roll-Bond Capillary Plate		Fan Cooled Evaporator
Type of cooling compartment		Fridge	Freezer	Fridge	Freezer	Fridge	Freezer	Fridge
Max. cooling capacity at 35 mm PU		100	35	150	50	125	40	130
Max. cooling capacity at 50 mm PU		150	50	250	85	250	85	200
Max. cooling capacity at 100 mm PU		270	90	400	130	350	115	300
Internal freezer volume		–		–		13 m³		–
Connection voltage		12/24 V DC		12/24 V DC		12/24 V DC		12/24 V DC
Power consumption (rated max W)		73 W		95 W		68 W		75 W
Refrigerant type		R1234yf		R1234yf		R1234yf		R1234yf
GWP		0.501		0.501		0.501		0.501
Refrigerant quantity		15 g		15 g		20 g		15 g
CO_2 equivalent (tCO_2)		0.000005		0.000008		0.000010		0.000008
Pipe length		2.2 m		2.2 m		2.2 m		2.2 m
Connection type		Spring coupling		Spring coupling		Spring coupling		Spring coupling
Dimensions (W × H × D)		375 × 350 × 30 mm		780 × 270 × 15 mm		378 × 274 × 172 mm		221 × 318 × 674 mm
Weight		0.9 kg		1.1 kg		1.8 kg		1.9 kg
Product							**Ref. No.**	
Dometic VX 150							9630000221	
Dometic VX 250							9630000222	
Dometic VX 250-O							9630000225	
Dometic VX 200F							9630000227	

VX 150

VX 250

VX 250-O

VX 200F

Dometic VX Evaporators compatible with Dometic CX 400
Evaporators

MODEL		VX 300		VX 400-O		VX 400F	VX 150FZ
Unit type		Roll-Bond Capillary Plate		Roll-Bond Capillary Plate		Fan Cooled Evaporator	Fan Cooled Evaporator
Type of cooling compartment		Fridge	Freezer	Fridge	Freezer	Fridge	Freezer
Max. cooling capacity at 35 mm PU		180	60	200	65	250	60
Max. cooling capacity at 50 mm PU		300	100	400	130	400	100
Max. cooling capacity at 100 mm PU		500	160	500	160	500	150
Internal freezer volume		–		17 m³		–	–
Connection voltage		12/24 V DC		12/24 V DC		12/24 V DC	12/24 V DC
Power consumption (rated max W)		70 W		73 W		80 W	75 W
Refrigerant type		R1234yf		R1234yf		R1234yf	R1234yf
GWP		0.501		0.501		0.501	0.501
Refrigerant quantity		25 g		30 g		15 g	70 g
CO_2 equivalent (tCO_2)		0.000013		0.000015		0.000008	0.000035
Pipe length		2.2 m		2.2 m		2.2 m	2.2 m
Connection type		Spring coupling		Spring coupling		Spring coupling	Spring coupling
Dimensions (W × H × D)		1370 × 305 × 15 mm		397 × 304 × 187 mm		221 × 318 × 67 mm	379 × 380 × 143 mm
Weight		1.9 kg		2.1 kg		1.9 kg	3.4 kg
Product							**Ref. No.**
Dometic VX 300							9630000223
Dometic VX 400-O							9630000226
Dometic VX 400F							9630000228
Dometic VX 150F							9630000229

VX 300

VX 400-O

VX 400F

VX 150FZ

Dometic KRA 433/450X
Cabinet Condensers

Dometic GKX cabinet condensing units are designed for use in direct expansion refrigeration and freezer systems, such as cockpit freezer-refrigerators or catch-box chillers and can also be used with built-in galley freezer-refrigerators.

- Titanium condenser dramatically increases product lifespan
- Serves up to three refrigerator or freezer boxes with separate thermostat controls
- Air- or water-cooled condenser
- Can be mounted on a vertical bulkhead or horizontal shelf
- Slant top for better ventilation
- Self-sealing, quick connect fittings speed installation

AC

AMERICAS ONLY

115 V / 60 Hz / 1-Ph
220 V / 50 Hz / 1-Ph
230 V / 50 or 60 Hz / 1-Ph

Dometic Eskimo Ice
Fishbox Ice System

Keep all your fish in pristine condition. Ice* is generated minutes after starting the system through an ice-delivery hose to nearly any desired location onboard.

A highly efficient auger improves ice production and ice quality. Titanium durability extends the service life of the system for many years of worry-free operation. This is because titanium is unaffected by the punishing combination of saltwater, invasive marine life, and the harsh acids used for routine cleaning of the condenser coil.

- Titanium durability extends the service life of the system
- Compact size for easier installation
- Side panels and frame can be removed to install the unit through smaller openings
- Components remain assembled even without the frame
- Highly efficient auger improves ice production and quality
- Supports two remote-mounted Smart Logic digital control/display panels
- CAN Bus compatible
- Can connect to Dometic's STIIC networking software for remote-control operation

AC

AMERICAS ONLY

115 V / 60 Hz / 1-Ph
220 V / 50 Hz / 1-Ph
230 V / 60 Hz / 1-Ph

*Ice is non-potable. Not for ingestion.

Wrapped Refrigerated Boxes

Custom wrapped ice boxes are ideal for use where a clean box interior is necessary, although almost any refrigeration application can be built. Using the wrapped box as bait freezers or catch boxes helps keep the items from freezing to the evaporator surface, and aids in cleaning the box.

- Copper tubing and pre-charged with R134A at the factory
- Special compound helps heat transfer from the box to the tubing
- Quick-connect fittings speed installation

AMERICAS ONLY

Dometic Eskimo Cup
Refrigerated Cup Holder

Make your last sip colder than your first with the Dometic Eskimo Cup refrigerated cup holder. Eskimo Cup installs in any convenient location to keep drinks refrigerator-cold. Keep a beverage can or bottle chilled on even the hottest days.

- Keeps drinks refrigerator-cold
- Maintains or reduces the temperature of cold drinks
- Replaces most standard cup holders
- Holds bottles or cans
- Polished marine-quality 316 stainless-steel trim ring
- Two blue LED interior lights
- Mounts into surfaces of various thicknesses

Dometic KRA 433X
Cabinet Condensers

MODEL		KRA 433X 1161	KRA 433X 2361	KRA 433X 2251
	Voltage	115 V DC	230 V DC	220 V DC
	Cycle/Phase	60 Hz/1 Ph	60 Hz/1 Ph	60 Hz/1 Ph
	Horsepower	1/3 hp	1/3 hp	1/3 hp
	Full Load Amps (FLA) Cool	6.3 A	3.2 A	2.4 A
	Locked Rotor Amps (LRA)	40 A	20.5 A	15.5 A
	Max. Circuit Breaker	15 A	5 A	5 A
	Min. Circuit Ampacity	10 A	5 A	5 A
	Refrigerant Type	404A	404A	404A
	Seawater Inlet Connection	16 mm	16 mm	16 mm
	Dimensions (W × H × D)	228 × 452 x × 369 mm	228 × 452 × 369 mm	228 × 452 × 369 mm
	Gross Weight	38.6 kg	36.3 kg	36.3 kg
Product				**Ref. No.**
Dometic KRA 433X 1161, Single No Electric Box				9108920738
Dometic KRA 433X 2361, Single No Electric Box				9108920739

Dometic KRA 450X
Cabinet Condensers

MODEL		KRA 450X 1161	KRA 450X 2361	KRA 450X 2251
	Voltage	115 V DC	230 V DC	220 V DC
	Cycle/Phase	60 Hz/1 Ph	60 Hz/1 Ph	60 Hz/1 Ph
	Horsepower	1/2 hp	1/2 hp	1/2 hp
	Full Load Amps (FLA) Cool	6.7 A	3 A	3 A
	Locked Rotor Amps (LRA)	68 A	34 A	25.2 A
	Max. Circuit Breaker	20 A	10 A	10 A
	Min. Circuit Ampacity	16 A	8 A	8 A
	Refrigerant Type	404A	404A	404A
	Seawater Inlet Connection	16 mm	16 mm	16 mm
	Dimensions (W × H × D)	265 × 519 × 413 mm	265 × 519 × 413 mm	265 × 519 × 413 mm
	Gross Weight	41.3 kg	41.3 kg	41.3 kg
Product				**Ref. No.**
Dometic KRA 450X 1161, Single No Electric Box				9610003144
Dometic KRA 450X 2361, Single No Electric Box				9610004878

Dometic Eskimo Ice EI540X

Fishbox Ice System

MODEL	EI540X			EI1000X	
Voltage	115 V	230 V	220 V	230 V	220 V
Cycle/Phase	60 Hz/1 Ph	60 Hz/1 Ph	50 Hz/1 Ph	60 Hz/1 Ph	50 Hz/1 Ph
Full Load Amps (FLA) Cool	10.7 A	5.4 A	5.3 A	9.7 A	9.3 A
Locked Rotor Amps (LRA)	58.8 A	26.3 A	31 A	58.8 A	49.7 A
Max. Circuit Breaker	30 A	15 A	15 A	30 A	30 A
Min. Circuit Ampacity	18 A	10 A	10 A	18 A	18 A
Refrigerant Type	404A			404A	
Water Consumption Per 24 Hours[1]	64.7 gal / 244.1 litres			120 gal / 454.3 litres	
Height[2]	16.25 in / 413 mm			20.13 in / 512 mm	
Width[2]	16.25 in / 413 mm			19.25 in / 489 mm	
Depth[2]	16.25 in / 413 mm			21.5 in / 547 mm	
Freshwater Inlet	0.375 in / 9.5 mm			0.375 in / 9.5 mm	
Seawater Inlet Connection	0.5 in / 12.7 mm			0.5 in / 12.7 mm	
Net Weight[3]	107 in / 48.6 mm			201 in / 91.2 mm	
Gross Weight[3]	128 in / 58.1 mm			220 in / 99.8 mm	
Ice Capacity Per Day[1]	540 lbs / 245 kg			1,000 lbs / 454 kg	
Ice Capacity Per Hour[1]	22.5 lbs / 10.2 kg			42 lbs / 19.1 kg	
Product					**Ref. No.**
Dometic Eskimo Ice EI540X, 115 V Digital Control					9108919705
Dometic Eskimo Ice EI540X, 230 V Digital Control					9108917152

1. Actual capacity depends upon conditions.
2. All dimensions ± 0.30 in/8 mm.
3. All weights ± 10 %.

Dometic Eskimo Cup
Refrigerated Cup Holder

	Voltage	12 V DC
	Current	3.1 A
	Exterior Dimensions (W x H x D)	137 x 159 x 174 mm
	Interior Dimensions	diameter: 75 mm, cutout diameter: 102 mm
	Net Weight	0.96 kg
	Power Cord Length	407 mm
	Product	**Ref. No.**
	Dometic Eskimo Cup	250140101

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DOMETIC.COM — 145

1. Ovens and Hobs
Why do without familiar ways of cooking food just because you're at sea? Dometic gives you a choice of gas-fuelled and electric cooking devices, such as hobs and ovens.

2. Sinks and Drainers
Built-in sinks and combination units accommodating a hob and a sink in the smallest possible space. Some models have a heat-resistant glass lid that can be folded down when the cooking is done to extend your worktop.

BOAT GALLEY

Solutions for delicious food on-the-go

Admittedly, galleys in boats are far smaller than your kitchen at home, but they can be just as well-equipped. Comfort specialist Dometic has designed everything you need for a well-functioning galley. Choose from a handpicked collection of hobs, ovens, and grills – powered either by gas or electric.

Naturally, you will also find sinks or hob/sink combinations, some of them with a practical, heat-resistant glass lid. And, not forgetting, what would your galley be without such handy little helpers like a water kettle or a coffee machine?

MARINE COOKTOPS AND SINKS

Our new Dometic Cooking Vision series of hobs and sinks let you cook in the confined spaces of your boat galley almost like at home. Their modern design and matching dimensions allow you to combine them to create the perfect set up in your boat galley. They are fitted flush with the worktop, and the knobs are ergonomically placed for convenient cooking control. Adjustable and fully secured pot holders safely hold your pans to cook even while sailing.

EMEA ONLY

Dometic CVH1350

One-burner gas hob, SS316, 350 × 350 mm.
Optional pot holders or glass lid.

- Compact one-burner marine hob
- Providing strong, reliable heat for all cooking needs.
- Easy-to-clean stainless steel removable pan grids
- Standard 12 V safety ignition system
- Full Stainless Steel grid and burner caps.
- Optional stainless-steel marine pot holders
- Simple operation

Standard | Ref. No: 9600051241
With pot holders | Ref. No: 9600051151
With glass lid | Ref. No: 9620012943

EMEA ONLY

Dometic CVH1525

Two-burner gas hob, SS316, 525 × 350 mm.
Optional pot holders or glass lid.

- Compact two-burner marine hobs
- Providing strong, reliable heat for all cooking needs.
- Larger, easy-to-clean stainless steel removable pan grids
- Provides more space for larger pans
- Standard 12 V safety ignition system
- Simple operation
- Full Stainless Steel grid and burner caps.
- Optional stainless-steel marine pot holders

Standard | Ref. No: 9600051238
With pot holders | Ref. No: 9600050580
With glass lid | Ref. No: 9620012955

Dometic CVI1350

1-zone compact marine induction hob, providing efficient, reliable heat for all cooking needs. 350 × 350 mm.

- Integrated with other Dometic Cooking Vision products
- 1-zone cooktop with state-of-the-art induction technology
- Cooking Zone: 1000 W / Ø180 mm
- Convenient regulation of the cooking heat in 9 steps
- Designed to respect 10 A / 2300 W power limitations
- For extra-fast heat-up with automatic over-boost cut-off
- Vibration resistance tested

220 V | Ref. No: 9600050570
115 V | Ref. No: 9620008874

Dometic CVI1525

2-zone compact marine induction hob, providing efficient, reliable heat for all cooking needs. 525 × 350 mm.

- Integrated with other Dometic Cooking Vision products
- 2-zone cooktop with state-of-the-art induction technology
- Cooking Zone 1: 1000 W / Ø180 mm
- Cooking Zone 2: 1300 W, Boost 1700 W / Ø180 mm
- Convenient regulation of the cooking heat in 9 steps
- Designed to respect 10 A / 2300 W power limitations
- For extra-fast heat-up with automatic over-boost cut-off
- Vibration resistance tested

220 V | Ref. No: 9600050571
115 V | Ref. No: 9620008876

Dometic CVS1525

Rectangular sink, SS316, 525 × 350 mm.

- 316 Marine Grade Steel
- Unlimited outside cockpit use
- Taps & Siphons available
- Optional glass lid available
- Easy-to-clean stainless steel
- Provides more space for larger pans
- Simple operation

Standard | Ref. No: 9600051232
With water tap hole & glass lid |
Ref. No: 9620012958

Dometic CVS1350

Square sink, SS304 only, 350 × 350 mm.

- 316 Marine Grade Steel
- Unlimited outside cockpit use
- Taps & Siphons available
- Optional glass lid available
- Easy-to-clean stainless steel
- Provides more space for larger pans
- Simple operation

Standard | Ref. No: 9600051162
With water tap hole & glass lid |
Ref. No: 9600051161

Dometic CVS1350R

Round sink, SS304 only, Ø 350 mm.

- Space saving circular configuration
- 316 Marine Grade Steel
- Unlimited outside cockpit use
- Taps & Siphons available
- Optional glass lid available
- Easy-to-clean stainless steel
- Provides more space for larger pans
- Simple operation

Standard | Ref. No: 9600051224
With water tap hole & glass lid |
Ref. No: 9600051223

COFFEE MAKER

This coffee maker, specifically designed for mobile use, makes up to five cups of delicious freshly-brewed coffee at a time.

Dometic PerfectCoffee MC 052 / 054

Coffee Maker, 12 / 24 V.

- Swing filter for easy operation
- Integrated transport securing device for the glass pot
- Fixing kit for wall or desk mounting
- 5 cups per coffee pot
- Warming plate with thermostat

MC 052, 12 V | Ref. No. 9600000340
MC 054, 24 V | Ref. No. 9600000341

DOMETIC CK 2000 COOKER HOOD

The world's first cooker hood for boats to use the principle of air re-circulation, the innovative Dometic CK 2000 efficiently draws cooking fumes upwards along the centre, while expelling the cleaned air via side and front vents, making it unnecessary to install a roof ventilator.

SUPER EFFICIENT

EMEA ONLY

Key benefits

- Innovative air re-circulation cooker hood
- Activated carbon air filters and halogen lamps are easy to replace with a snap-on release mechanism
- High efficiency means low power consumption of just 5 W
- Washable metal grease filter
- Two integrated halogen lights with two lighting levels
- Two-speed fan setting
- LED lights with low 5 W power consumption

Ref. No: 9103303094
Activated carbon filter | Ref. No: 9107300007

1. Light and bright
Integrated LED lights.

2. Cleanable filter
Washable metal filter.

3. Easy controls
Simple control system.
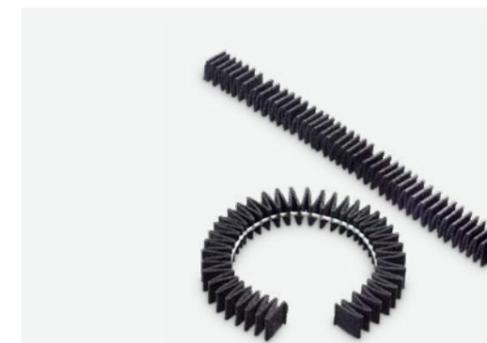
Dometic CK2000-ACF

Activated carbon filter for CK 2000 (pack of two)

- Activated carbon filter for use in Dometic cooker hoods
- Remove odours for fresher smelling air
- Easy to install
- Two-speed fan

Ref. No: 9107300007

Contents, specifications and availability are subject to change in the interests of technical improvement.

Dometic CVH1350
1-Burner Gas Hob*
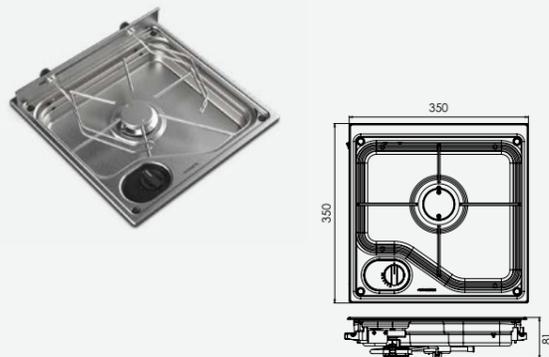
Quality Features	Stainless steel press part 316, accessories in stainless steel 304
Output	1 × 2.0 kW
Gas consumption	150 g/h
Gas supply pressure	30 mbar
Dimensions (W × H × D) **Built-in dimensions** (W × D)	350 × 97 × 350 mm 338 × 332 mm
Weight (kg)	2.7 kg

Product	Ref. No
Dometic CVH1350M, standard	9600051241
Dometic CVH1350MP, with pot holders	9600051151
Dometic CVH1350MG, with glass lid	9620012943

* US and AUS/NZ gas certifications available on request

Dometic CVH1525

2-Burner Gas Hob*

Quality Features	Stainless steel press part 316, accessories in stainless steel 304
Voltage	12 V DC (electric ignition)
Output	1 × 1.1 kW; 1 × 2.0 kW
Gas consumption	220 g/h
Gas supply pressure	30 mbar
Weight	3.3 kg
Dimensions (W × H × D) **Built-in dimensions** (W × D)	525 × 97 × 350 mm 507 × 332 mm

Product	Ref. No
Dometic CVH1525M, standard	9600051238
Dometic CVH1525MP, with pot holders	9600050580
Dometic CVH1525MG, with glass lid	9620012955

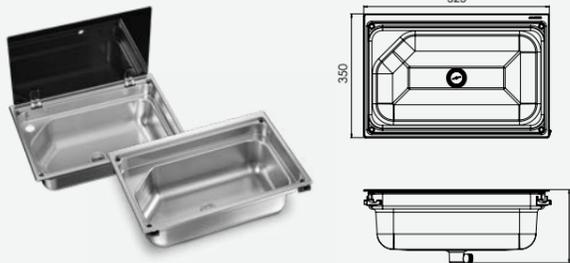* US and AUS/NZ gas certifications available on request

Dometic CVI1350
1-Zone Induction Hob

Quality Features	Ultra-slim surface that is easy to clean. Adjustable power settings enable cooking with precision.
Voltage	220 V / 115 V AC
Cooking zone	Ø 180, 1000 W
Dimensions (W × H × D)	350 × 55 × 350 mm
Weight (kg)	4 kg

Product	Ref. No
Dometic CVI1350, 220 V	9600050570
Dometic CVI1350, 115 V	9620008874

Dometic CVI1525
1-Zone Induction Hob

Quality Features	Ultra-slim surface that is easy to clean. Adjustable power settings enable cooking with precision.
Voltage	220 V / 115 V AC
Cooking zone	Zone 1: Ø 180, 1000 W; Zone 2: Ø 180, 1300 W, boost 1700 W
Dimensions (W × H × D)	525 × 55 × 350 mm
Weight (kg)	7 kg

Product	Ref. No
Dometic CVI1525, 220 V	9600050571
Dometic CVI1525, 115 V	9620008876

Contents, specifications and availability are subject to change in the interests of technical improvement.

Dometic CVS1525

Square Sink

Quality Features	Stainless steel press part
Weight	1.8 kg
Dimensions (W × D) **Built-in dimensions** (W × D)	525 × 350 mm 338 × 507 mm

Product	Ref. No
Dometic CVS1525, standard	9600051232
Dometic CVS1525G, with water tap hole & with glass lid	9620012958
Optional extra	
AC 539 tap	9102300076

Dometic CVS1350

Square Sink
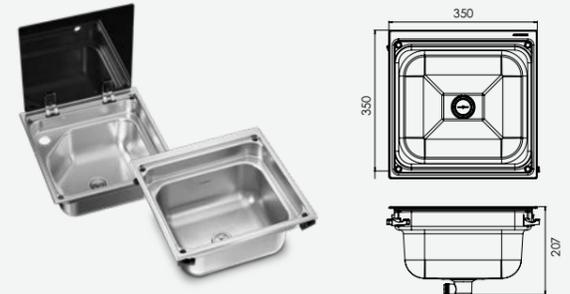
Quality Features	Stainless steel press part
Weight	1.2 kg
Dimensions (W × D) **Built-in dimensions** (W × D)	350 × 350 mm 338 × 332 mm

Product	Ref. No
Dometic CVS1350, standard	9600051162
Dometic CVS1350G, with water tap hole & glass lid	9600051161
Optional extra	
AC 539 tap	9102300076

Dometic CVS1350R

Round Sink

Weight	0.9 kg
Dimensions (Ø)	350 mm
Installation dimension (Ø)	340 mm

Product	Ref. No
Dometic CVS1350R, standard	9600051224
Dometic CVS1350RG, with water tap hole & glass lid	9600051223
Optional extra	
AC 539 tap	9102300076

Dometic CK 2000

Air recirculation cooker hood with two-speed fan

Voltage	12 V DC
Capacity	max. 38/45 m³/h
Power consumption	Fan: 5 W Light: 4 W (2 x 2 W), energy efficiency class A+
Weight	2.2 kg
Dimensions (W × H × D)	400 × 56 × 280 mm
Quality Features	• Activated carbon air filters and halogen lamps are easy to replace with snap-on release mechanism • High efficiency means low power consumption of just 5 W • Washable metal grease filter • Two integrated halogen lights with two lighting levels • Two-speed fan setting

Product	Ref. No
Dometic CK 2000, black	9103303094
Dometic CK 2000, silver	9106505224
Accessory	
Activated carbon filter for CK 2000 (Pack of two)	9107300007

POWER & CONTROL

EVERYTHING CONNECTED BY N-BUS

EMEA ONLY

Connect and control all devices easily

N-BUS is the plug-and-play network for easy connection of all on-board electronic devices.

N-BUS was developed with the purpose of creating a practical and functional network between energy management devices, after careful studies and meticulous design. Dometic N-BUS (CI-BUS compatible) is a substantial technological upgrade that enables all devices in the Dometic network to communicate with each other via standard data cable. This type of connection allows for a continuous exchange of information between devices of different kinds connected together (battery, DC-DC, solar

regulator, etc.) and makes the on-board energy system more efficient and safer, but above all, as with the most advanced home automation, the interconnection makes it possible to manage all devices in the network from a single controller.

Until now, several devices or applications were needed to manage various elements of the system. Now, with Dometic controllers, everything is easy: a display or the Dometic Power app (if there is at least one N-BUS and Bluetooth® device in the network) is enough to control the entire onboard energy system.

ONE DISPLAY FOR ALL DEVICES

EMEA ONLY

Thanks to the cross-device N-BUS network, it is no longer necessary to buy a separate control display for each device or disconnect the Bluetooth® app to switch between devices. You have two options for controlling your devices: either with the TD283 multifunction display, which has a wired connection for all devices with N-BUS protocol or with the Dometic Power app for iOS and Android smartphones, provided at least one device in the N-BUS network is equipped with Bluetooth®.

App Download

Android Apple

SOLARFLEXEVO FLEXIBLE SOLAR PANELS

EMEA ONLY

Adapts to nonlinear surfaces thanks to a high degree of flexibility, provides maximum performance with the minimum possible footprint: all this is SOLARFLEXEVO. SOLARFLEXEVO is the ideal choice for boats, providing an optimal yield. To ensure the best results in the smallest possible space, the SOLARFLEXEVO range is built with quality cells featuring an energy efficiency of 20%.

Optional

Solar panel roof connectors

Dometic NDS White Cable Box PST
Ref. No: 9620008440

Dometic NDS PG9
Ref. No: 9620008302

Dometic NDS PG13
Ref. No: 9620008158

Cable box for cable routing with PG configuration

- Monocrystalline cells
- Encapsulated with 9 layers
- Immune from micro-cracks
- Efficiency: 20%
- Excellent efficiency at high temperatures
- Low power loss in case of shading

Energy has never been so FLEXIBLE
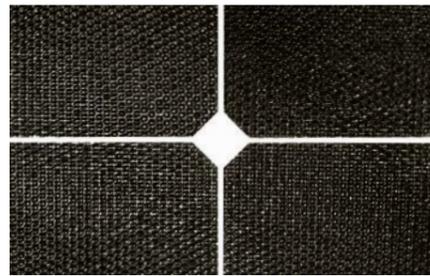
Monocrystalline cells
The photovoltaic cells of the SOLARFLEXEVO panel are designed for maximum performance in small spaces. The evolution of pure monocrystalline silicon in the smallest possible space and with maximum efficiency.
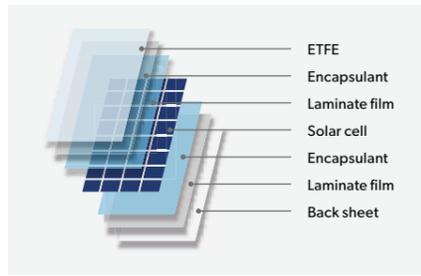
Structure
Built with 7 layers, including the ETFE surface, the best surface in terms of efficiency and durability.

ETFE
Encapsulant
Laminate film
Solar cell
Encapsulant
Laminate film
Back sheet

Junction box
Each panel is equipped with a special Junction Box: location of the 3-meter bipolar connection cable with external protective sheath resistant to all weather conditions.

SOLARFLEXEVO

Flexible solar panels

SFS 60 Wp
SFS 115 Wp
SFS 140 Wp
SFS 155 Wp

MODEL	SFS 60 WP	SFS 115 WP	SFS 140 WP	SFS 155 WP
Cell Number	32	32	40	44
Nominal Voltage	12 V	12 V	12 V	12 V
Maximum Power	60 Wp ±3%	115 Wp ±3%	140 Wp ±3%	155 Wp ±3%
Open Circuit Voltage	20.7 V	21.9 V	27 V	30 V
Short Circuit Current	3.3 A	6.26 A	6.21 A	6.23 A
Maximum Power Voltage	18.23 V	18.72 V	23.1 V	25.6 V
Maximum Power Current	3.29 A	6.14 A	6.06 A	6.05 A
Cable Length 3 m	2 × 2.5 mm^2	2 × 2.5 mm^2	2 × 2.5 mm^2	2 × 2.5 mm^2
Weight	1.6 kg	2.4 kg	2.8 kg	3.1 kg
Dimensions (mm)	600 × 540 × 2	1110 × 540 × 2	1360 × 540 × 2	1480 × 540 × 2

Product	Ref. No.
Dometic SFS 60 Wp	9620008324
Dometic SFS 60 Wp incl. SCE360B	9620013081
Dometic SFS 115 Wp	9620008403
Dometic SFS 115 Wp incl. SCE360B	9620013082
Dometic SFS 140 Wp	9620008410
Dometic SFS 140 Wp incl. SCE360B	9620013083
Dometic SFS 155 Wp	9620008343
Dometic SFS 155 Wp incl. SCE360B	9620013084

ACCESSORIES

EMEA ONLY

Dometic TD283

Multifunctional N-BUS display.

With this multifunctional touch-screen display, you can control all N-BUS-ready devices on board. Simply look for the N-BUS logo on the product box to see if the respective device is equipped with this protocol. Then connect all N-BUS devices to each other with the data cable, add the TD283 display to the network, and you have all the power of the Dometic energy system at your fingertips.

Ref. No: 9620013272

EMEA ONLY

Dometic SC330 / 480

Solar charge controllers, Bluetooth/N-BUS.

SC330 and SC480 are the latest and most innovative charge controllers for solar modules from Dometic. Designed for a maximum power rating of 330 or 480 W, they integrate separate inputs for two solar panels as well as two battery outputs. State-of-the-art MPPT technology (Maximum Power Point Track) allows you to get up to 30% more energy from your solar panels. With the N-BUS plug & play network, you can manage the solar controller and all other N-BUS devices via a single display or the new Dometic mobile app.

SC330 | Ref. No: 9620013161
SC480 | Ref. No: 9620013162

TEMPRA LITHIUM BATTERY

EMEA ONLY

Top-notch lithium battery

TEMPRA is a new-generation, top-notch LiFePO4 battery, designed and manufactured entirely in Italy. The TEMPRA TLB 150 has the best power-to-weight ratio on the market thanks to the new high-density power cells, a concentration of power in reduced space! Where before there were 100 Ah, now there are 150 Ah: 50 % more autonomy for mobile applications. Up to 150 Ah capacity in the size of a standard L5 box.

Featuring a new battery management system that allows optimal charging, TEMPRA batteries can be connected to any charger, even those designed for lead-acid batteries. The charge management, realized by the integrated DC-DC converter and Smart Balance function of the BMS ensures that the battery cells are always efficient and perform over time.

The heated versions (F models) are ready for use in extreme temperatures, down to a maximum of −30 °C. These batteries can be used in all weather conditions.

The N-BUS system makes the TEMPRA battery an integral part of the Dometic energy ecosystem that can be controlled via the multifunctional TD283 display and the Dometic app.

Dometic NDS TEMPRA

Lithium battery

MODEL	TLB100	TLB100F	TLB120	TLB120F	TLB150	TLB150F
Voltage	12.8 V DC		12.8 V DC		12.8 V DC	
Capacity	100 Ah		120 Ah		150 Ah	
Max continuous discharging current	100 A		120 A		135 A	
Max discharging current	200 A/60 s		200 A/60 s		160 A/15 min	
Max charging current	1C		1C		1C	
Charging temperature	−10 °C/+60 °C	−30 °C/+60 °C	−10 °C/+60 °C	−30 °C/+60 °C	−10 °C/+60 °C	−30 °C/+60 °C
Discharge temperature	−20 °C /+60 °C		−20 °C /+60 °C		−20 °C /+60 °C	
Heating	No	Yes	No	Yes	No	Yes
Weight	12.8 kg		13.5 kg		16 kg	
Dimensions (L × W × H)	341 × 176 × 190 mm		341 × 176 × 190 mm		341 × 176 × 190 mm	

Product	Ref. No.
TLB100	9620016879
TLB100F, integrated heater	9620016880
TLB120	9620016881
TLB120F, integrated heater	9620016882
TLB150	9620013726
TLB150F, integrated heater	9620013727

TLB100

TLB120

TLB100

BATTERY CHARGERS FOR 12 AND 24 VOLTS

EMEA ONLY

Simultaneous charging of up to three batteries

Compact design, lightweight, wide input voltage range for worldwide use, simultaneous charging of up to three batteries – this is what all Dometic MCA battery chargers have in common. They provide optimal charging characteristics for modern LiFePO4 batteries as well as conventional lead acid batteries (AGM, gel or wet).

A unique feature of the new MCAPLUS series is the N-BUS connectivity, which allows easy integration into the boat grid and convenient operation via our multifunctional touch-screen display TD283 or a smartphone.

MCA-series chargers can optionally be equipped with a remote control.

Dometic PerfectCharge MCAPLUS 1225 / 1250 / 1280

IU0U battery charger

MODEL	MCAPLUS 1225	MCAPLUS 1250	MCAPLUS 1280
Charge outputs	2 + 1	3	3
Input voltage	100 – 240 V	100 – 240 V	100 – 240 V
Frequency	50 – 60 Hz	50 – 60 Hz	50 – 60 Hz
End-of-charging voltage	14.4 / 14.7 V	14.4 / 14.7 V	14.4 / 14.7 V
Float charging voltage	13.8 V	13.8 V	13.8 V
Recommended battery capacity	75 – 300 Ah	60 – 150 Ah	200 – 800 Ah
U0 phase limited at	8 or 16 h	8 or 16 h	8 or 16 h
Energy efficiency up to	92 %	92 %	92 %
Charging current	25 A	50 A	80 A
Operating temperature	−20 to +50 °C	−20 to +50 °C	−20 to +50 °C
Dimensions (W x H x D)	238 × 63 × 179 mm	238 × 63 × 179 mm	303 × 75 × 208.5 mm
Weight	1.7 kg	3.1 kg	3.9 kg
Type of protection	IP 21	IP 21	IP 21

Product	Ref. No.
PerfectCharge MCAPLUS 1225	9620017570
PerfectCharge MCAPLUS 1250	9620017571
PerfectCharge MCAPLUS 1280	9620017572
Optional extras	
Temperature sensor MCA-TS1	9600000099
Hella sensor MCA-HS2	9600000101
Multifunctional N-BUS display TD283	9620013272

MCAPLUS 1225

MCAPLUS 1250

MCAPLUS 1280 100

Contents, specifications and availability are subject to change in the interests of technical improvement.

SINE WAVE INVERTERS

EMEA ONLY

Our new sine wave inverter range covers all performance categories from 200 to 3000 watts, 12 and 24 volts. Featuring a consistent, compact design with a low installation height, the inverters take up less space on board than most competitor models. The flawless sine wave output voltage satisfies all 230 V devices, even sensitive high-tech equipment. Smart N-BUS- and CI-BUS connectivity

enables convenient operation from a central wall display (Dometic TD283). It also works fine with the Dometic Power App – provided there is at least one Bluetooth®-ready device in the network (TEMPRA battery or TD283 display in combination with a Dometic solar controller).

SinePower DPSI series
200 – 2000 W, 12/24 V

DPSI sine wave inverters provide reliable solutions for most 230 V devices up to 2000 W. From electric toothbrushes, smartphone and camera batteries right through to e-bike chargers, toasters and espresso machines – everything is supplied with a clean sine wave voltage. Devices from 600 W are equipped with N-BUS and CI-BUS connectivity.

Dometic SinePower DPSI

Sine wave inverters

DPSI 212
DPSI 224

DPSI 412
DPSI 424

MODEL	DPSI 212 / DPSI 224	DPSI 412 / DPSI 424
Input voltage	12 V DC (10–16.5 V) / 24 V DC (20–33 V)	
Output voltage / shape	230 V AC / pure sine wave	
Output Frequency	50 Hz	50 Hz
No-load current input	0.6 A / 0.4 A	0.6 A / 0.4 A
Continuous output	150 W	350 W
Peak power	300 W	700 W
Energy efficiency up to	90 %	90 %
Dimensions (W x H x D)	126 × 50 × 187.5 mm	126 × 50 × 187.5 mm
Weight	1.1 kg	1.2 kg
Test mark	e-certified (Automotive EMC Directive)	
Type of protection	equivalent to IP 21	

Product	Ref. No.
Dometic SinePower DPSI 212	9620017413
Dometic SinePower DPSI 242	9620017414
Dometic SinePower DPSI 412	9620017415
Dometic SinePower DPSI 424	9620017416

Dometic SinePower DPSI

Sine wave inverters

DPSI 612
DPSI 624

DPSI 1012
DPSI 1024

DPSI 1512
DPSI 1524

DPSI 2012
DPSI 2024

MODEL	DPSI 612 / DPSI 624	DPSI 1012 / DPSI 1024
Input voltage	12 V DC (10 – 16.5 V) / 24 V DC (20 – 33 V)	
Output voltage / shape	230 V AC / pure sine wave	
Output Frequency	50 Hz	50 Hz
No-load current input	<0.8 A / <0.5 A	1.0 A / 0.6 A
Standby current consumption	0.3 A / 0.2 A	0.35 A / 0.2 A
Continuous output	600 W	1000 W
Peak power	1200 W	2000 W
Energy efficiency up to	90 %	90 %
Dimensions (W x H x D)	230 × 80 × 220 mm	230 × 80 × 240 mm
Weight	2.8 kg	3.1 kg
Test mark	e-certified (Automotive EMC Directive)	
Type of protection	equivalent to IP 21	

MODEL	DPSI 1512 / DPSI 1524	DPSI 2012 / DPSI 2024
Input voltage	12 V DC (10 – 16.5 V) / 24 V DC (20 – 33 V)	
Output voltage / shape	230 V AC / pure sine wave	
Output Frequency	50 Hz	50 Hz
No-load current input	<1.2 A / <0.6 A	<1.5 A / <0.8 A
Standby current consumption	0.4 A / 0.25 A	0.5 A / 0.3 A
Continuous output	1500 W	2000 W
Peak power	3000 W	4000 W
Energy efficiency up to	90 %	90 %
Dimensions (W x H x D)	272 × 97 × 340 mm	272 × 97 × 360 mm
Weight	4.9 kg	5.2 kg
Test mark	e-certified (Automotive EMC Directive)	
Type of protection	equivalent to IP 21	

Remote control included in the delivery kit.

Product	Ref. No.	Ref. No.UK
Dometic SinePower DPSI 612	9620017417	9620017417
Dometic SinePower DPSI 624	9620017418	9620017418
Dometic SinePower DPSI 1012	9620017419	9620017419
Dometic SinePower DPSI 1024	9620017420	9620017420
Dometic SinePower DPSI 1512	9620017421	9620017421
Dometic SinePower DPSI 1524	9620017422	9620017422
Dometic SinePower DPSI 2012	9620017423	9620017423
Dometic SinePower DPSI 2024	9620017424	9620017424
Optional extras		
DC connection cable (for DPSI 612/624/1012/1024)	9600000268	
DC connection cable DPSI 1512, 12 V	9102700003	
DC connection cable DPSI 2012, 12 V	9600000269	
DC connection cable DPSI 1524/2024, 24 V	9600000268	
Mains priority circuit VS-230	9600000324	

Contents, specifications and availability are subject to change in the interests of technical improvement.

SMART CHARGER

EMEA ONLY

SMARTCHARGER is a series of battery chargers, equipped with advanced microcontroller technology to meet daily needs. According to the model, the devices perform up to 9 charging steps. Steps include the diagnosis, to check whether the battery is able to accept and maintain the charge, the desulfation which helps maintain the plates clean from sulfate and extend the life

of batteries, the maintenance (last generation) that keeps the battery to 95–100 % of the capacity, supplying the current when the battery starts to discharge, to not "stress" it during long periods of charge. (Example: Maintenance of a seasonal boat battery during the winter).

- Suitable also for LiFePO4 batteries
- New OPTICHARGE firmware
- Selectable charging curves
- Up to 9 charging steps
- IP65 protection
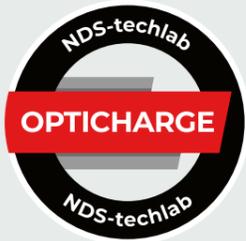
OPTICHARGE Firmware

OPTICHARGE, the dedicated firmware from the Dometic NDS software team, checks your battery and applies the perfect step of the charging curve – the best solution for a healthy battery. The charging process is optimized using technical specifications selected by our battery specialists. Voltage and current levels are always monitored.

Smart Chargers
Universal AC-DC battery chargers

MODEL	SCS2	SCS4	SCS8	SCS15	SCS25
Nominal Voltage	12 V	12 V	12 V	12 V	12–24 V
Charging current	2 A	1–4 A	2–8 A	2–15 A	2–12.5 A
Charging curves	AGM, Gel, Wet	AGM, Gel, Wet, Lithium	AGM, Gel, Wet, Lithium	AGM, Gel, Wet, Lithium	AGM, Gel, Wet, Lithium
Charging method	3 steps	9 steps	9 steps	9 steps	9 steps
Activation Voltage	2 V	2 V	2 V	2 V	2 V
Battery Charge Capacity	3–40 Ah	5–80 Ah	10–160 Ah	10–250 Ah	50–350 Ah
Battery Maintenance Capacity	Up to 80 Ah	Up to 100 Ah	Up to 250 Ah	Up to 400 Ah	Up to 500 Ah
Protection	IP65	IP65	IP65	IP20	IP20
Dimensions (W × D × H)	73 × 153 × 39 mm	84 × 286 × 44 mm	108 × 235 × 47 mm	122 × 280 × 66 mm	156 × 310 × 65 mm
Ref. no.	9620008134	9620008370	9620008385	9620008313	9620008240

POWER BANK JUMP STARTER

A power bank that will jump-start your boat! This compact appliance integrates a host of useful features – including two USB ports to charge digital devices, a wireless charging pad for the smartphone, a 12 V DC outlet for the cooling box, and two jump starter cables. The super-bright LED light comes in very handy in emergency situations, e. g. during power outages or when you're in the dark.

The Dometic PJS1000 has enough power to provide starting aid for gasoline engines up to 6.0 L or diesels up to 4.0 L. Its integrated lithium battery delivers a 1000 amps peak – enough for 30 boost starts on a single charge.

Easy and safe jump start
With hook-up safe alarm and digital display for the charging status.

Wireless charging pad
For convenient recharging of smartphones on the go or at home.

Practical extra features
Ultra-bright LED light and two USB ports for charging digital devices.

Dometic PJS1000
Power bank jump starter, 1000 A peak current

MODEL	PJS1000
Battery type	Lithium polymer battery
Rated voltage	14.8 V DC
Battery capacity	16,000 mAh / 59.2 Wh
Rated current USB outputs	2.1 A
Charging voltage	12 V DC (16 V)
Rated current DC output	< 8 A
Output power	10 W
Wireless charging standard	Qi
LED lighting power	1 W
Start current	< 400 A (2 s)
Peak current	1000 A
Ambient temperature for operation	−20 °C to +60 °C
Dimensions (W × D × H)	192 × 88 × 41.5 mm
Weight	620 g
Ref. no.	9620002620

Contents, specifications and availability are subject to change in the interests of technical improvement.

HYGIENE & SANITATION

ESSENTIAL NEEDS

Boat toilets for the comforts of home at sea

We want you to travel in complete comfort. This is the idea behind our hygiene range, which offers sophisticated, mobile toilet concepts and practical, easy-to-use accessories for undiminished holiday enjoyment. Reap the benefits of decades of research and development with homelike comfort and convenience, and the pleasant feeling of freshness, free from unpleasant odours.

Dometic provides toilet solutions for every size of boat and every demand on comfort. For reliable and odour-free waste discharge, our engineers have designed a holding tank system that is easy to install, easy to use and compliant with ISO 8099 standards.

1. Vacuum Toilets
Vacuum flush toilets use very little water when flushing, extending freshwater resources and enabling you to be comfortable for longer.

2. Macerator Toilets
Masterflush macerator toilets are fitted with motor-powered, stainless steel blades, which macerate waste before it is transferred through a pipe to the holding tank.

3. Portable Toilets
Dometic portable toilets are fully mobile, ensuring your essential needs are met no matter your location.

4. Pumps and Tanks
VacuFlush toilet pumps and Dometic holding tanks support good toilet engineering design. The capability to evacuate all solid and liquid wastes from the toilet bowl in one flush is a major feature of well-designed marine toilets, with holding tanks designed to provide long-lasting performance and efficiency.

5. Accessories and supplies
Wide range of items to keep your surfaces and appliances clean and odours away.

VACUFLUSH TOILETS

Dometic's VacuFlush technology enables toilet systems to operate at a very high efficiency for low water and electricity usage when compared to other toilet systems. Bowl contents are powerfully pulled from the toilet bowl using a stored vacuum charge and then transferred to a holding for storage. The contents go through 3 stages of maceration along the way.

WHAT IS VACUFLUSH?

VacuFlush is a unique vacuum pump based toilet system for mobile applications. Dometic uses a powerful vacuum generator to pull waste from a toilet bowl and move it to a holding tank in one continuous operation. This technology reduces the need for extra water to help move waste, allowing for more flushes per gallon of holding tank when compared to other technologies like macerator and water jet toilets. This conserves water on board for other uses as well as increasing the time between holding tank pump-outs. It does all this while only requiring a fraction of the electrical power needed by the average macerator toilet.

Easy drop-in replacement for manual toilets

- Available in both manual peddle or fully electric (full china) flush models
- Uses a fraction of water per flush needed by macerator or water jet toilets (this more than doubles the number of flushes between tank pump-outs)
- System requires only 6 amps (max) to operate
- Very quiet and dependable operation
- 3-stage waste maceration in every cycle
- Virtually empty sanitation hose after every flush eliminates odour permeation

VacuFlush installation

Dometic VacuFlush toilet systems are easy to install and maintain. The powerful vacuum generator allows it to be installed in a remote location, far from the head compartment.

Additionally, the holding tank can be located a distance away from the vacuum generator. All this allows for a very flexible installation layout.
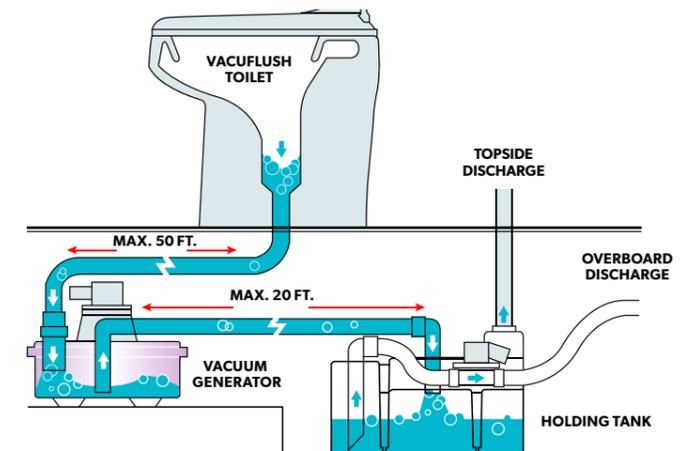
BENEFITS WITH THE VACUFLUSH SERIES
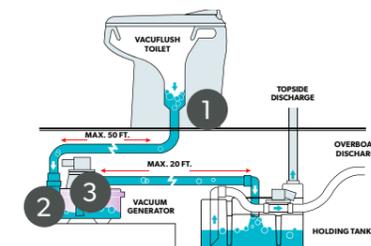
1. Minimal power required
The vacuum Generator only requires 5–6 amps of power, leaving more electrical panel capacity for other vessel equipment and accessories.

2. Improved maceration efficiency
Three stages of maceration efficiently pulverise solids and virtually eliminate the possibility of a clog during the process.

3. Reduced excess odour
The use of vacuum to move waste leaves the sanitation hose virtually empty. This significantly reduces the hose odour permeation.

VACUFLUSH 100/700 SERIES

Dometic VacuFlush 147

This is a medium height, above the floor ceramic toilet. It's clean, has odour-free performance results from freshwater flushing, instantaneous evacuation of bowl contents and thorough rinsing action.

Ref. No: 9108554618

Dometic VacuFlush 706

Ultra-compact VacuFlush 700 series toilets can be fitted to small boats, yet deliver the same high-powered, low-flush efficient performance of larger VacuFlush toilets. Efficient water use extends freshwater resources and holding tank use between pump-outs.

Ref. No: 9108554816

VACUFLUSH 5000 SERIES

With its compact fixtures residential-size bowls with an elongated seat opening, and powerful low-flush operation: the VacuFlush 5000 series toilets are a popular model for diverse boat installations. Clean, odour-free performance, instant evacuation of bowl contents, and thorough rinsing deliver the ultimate user-friendly experience.

- Low-flush water consumption: less than one pint (0.10 gal./0.39 L) per flush
- Powerful vacuum flush
- Compact footprint fit is ideal for tight spaces
- Premium-strength wood seat with slow-close action
- Available in white or bone colours

Dometic VacuFlush 5006

Low profile, pedal flush, through floor discharge.

Ref. No: 9108554828

Dometic VacuFlush 5009

Standard height, pedal flush, through floor discharge.

Ref. No: 9108554833

Dometic VacuFlush 5148

Standard height, above-floor rear discharge.

Ref. No: 9108554839

VACUFLUSH 4000 SERIES

The VacuFlush 4000 Series brings water-efficient flushing and all-ceramic luxury to a new level. Choose between two flush modes to conserve water without sacrificing the powerful, bowl-clearing performance of the VacuFlush marine toilet system.

- Efficient water consumption in two modes: "Normal" flush at 0.27 gal. (1.02 L) or "Low" flush at 0.08 gal. (0.3 L)
- Powerful vacuum flush with switch options
- Models with slanted back and vertical back shapes available to fit with your head compartment needs
- Automatic "full tank" shutdown to prevent overfilling the holding tank
- Standard and low profile heights

ELECTRIC FLUSH

Dometic VacuFlush 4806

Low profile, electric flush, through floor discharge.

12 V | Ref. No: 9108554740
24 V | Ref. No: 9108554772

Dometic VacuFlush 4809

Standard height, flat/vertical back wall, electric flush, through floor discharge.

12 V | Ref No: 9108706604
24 V | Ref No: 9108706607

Dometic VacuFlush 4709

Luxurious, traditional style electric toilet with flush lever or wall switch.

12 V | Ref No: 9108684671
24 V | Ref No: 9108684688

Dometic VacuFlush 4509

Luxurious, modern style electric toilet with wall switch.

12 V | Ref No: 9600006454
24 V | Ref No: 9600006456

Dometic VacuFlush 147/ 706

Vacuum Toilet, Medium Height, Above the Floor, 12 V

MODEL	VACUFLUSH 147	VACUFLUSH 706
Description	Medium height vacuum toilet	Low-profile vacuum toilet
Discharge	Above the floor, right	Through the floor
Vacuum pump[2] draw	6 A/12 V DC; 3 A/24 V DC	6 A/12 V DC; 3 A/24 V DC
Vacuum pump[2] circuit breaker/fuse circuit breaker/fuse	10 A/12 V DC; 5 A/24 V DC)	10 A/12 V DC; 5 A/24 V DC)
Water Supply ID Fitting	0.5 in NPT fitting	0.5 in NPT fitting
Min. Water Flow Rate	2.0 gpm / 7.6 lpm at toilet	2.0 gpm / 7.6 lpm at toilet
Discharge ID Fitting	1.5 in / 38 mm ID plumbing	1.5 in / 38 mm ID plumbing
Max. Discharge Horizontal Run[3]	50 ft / 15 m maximum to vacuum source	50 ft / 15 m maximum to vacuum source
Max. Discharge Vertical Run[3]	6 ft / 1.8 m maximum to vacuum source	6 ft / 1.8 m maximum to vacuum source
Required component	Vacuum source*: VacuFlush vacuum generator with vacuum holding tank, or VacuFlush holding tank system	Vacuum source*: VacuFlush vacuum generator with vacuum holding tank, or VacuFlush holding tank system
Min. Height – Seat Down[3]	13 1/4 in / 337 mm	10 3/4 in / 273 mm
Max. Height – Seat Up[3]	27 3/4 in / 705 mm	25 in / 635 mm
Width[3]	17 1/4 in / 438 mm	17 1/4 in / 438 mm
Depth – Wall to Front of Bowl[3]	18 3/8 in / 467 mm	18 3/8 in / 467 mm
Weight[1]	27 lbs / 12.2 kg	25 lbs / 11.4 kg
Product	**Ref. No.**	
Dometic VacuFlush 147	9108554618	
Dometic VacuFlush 706	9108554816	

1. Weights may vary ± 2–3 percent.
2. Required for J and S series VacuFlush vacuum generators.
3. Based on J and S series VacuFlush vacuum generator specifications. Where applicable, see VHT series vacuum holding tank manual for other installation specifications.
* Purchased separately.

Dometic VacuFlush 5006 / 5009 / 5148

Vacuum Toilet

MODEL	VACUFLUSH 5006	VACUFLUSH 5009	VACUFLUSH 5148
Description	Low-profile vacuum toilet	Standard-height vacuum toilet	Medium-height vacuum toilet
Discharge	through the floor[1]	through the floor[1]	above the floor, rear
Vacuum pump* draw		6 A/12 V DC; 3 A/24 V DC	
Vacuum pump* circuit breaker/fuse		10 A/12 V DC; 5 A/24 V DC)	
Water Supply ID Fitting		0.5 in NPT fitting	
Min. Water Flow Rate		2.0 gpm/7.6 lpm at toilet	
Discharge ID Fitting		1.5 in/38 mm ID plumbing	
Max. Discharge Horizontal Run[2]		50 ft/15 m maximum to vacuum source	
Max. Discharge Vertical Run[2]		6 ft/1.8 m maximum to vacuum source	
Required component		Vacuum source†: VacuFlush vacuum generator, vacuum holding tank, or holding tank system	
Min. Height – Seat Down[3]	13 1/4 in (337 mm)	17 13/8 in (441 mm)	15 3/4 in (400 mm)
Max. Height – Seat Up[3]	27 3/4 in (705 mm)	32 in (813 mm)	29 7/8 in (759 mm)
Width[3]	17 1/4 in (438 mm)	14 7/8 in (378 mm)	14 7/8 in (378 mm)
Depth – Wall to Front of Bowl[3]	18 3/8 in (467 mm)	18 3/8 in (467 mm)	18 3/8 in (467 mm)
Product	**Ref. No.**		
Dometic VacuFlush 5006	9108554828		
Dometic VacuFlush 5009	9108554833		
Dometic VacuFlush 5148	9108554839		

1. Hose or pipe discharge connection.
2. Based on J and S series VacuFlush vacuum generator specifications. Where applicable, see VHT series vacuum holding tank manual for other installation specifications.
3. Dimensions may vary ± 0.375 in/10 mm.
* Required for J and S series VacuFlush vacuum generators.
† Purchased separately.

Dometic VacuFlush 4806 / 4809 / 4709 / 4509

Vacuum Toilet

MODEL	VACUFLUSH 4806	VACUFLUSH 4809	VACUFLUSH 4709	VACUFLUSH 4509
Description	Low-profile all-ceramic electric toilet	Standard-height all-ceramic electric toilet	Standard-height, all-ceramic VacuFlush electric toilet	Standard height all-ceramic electric toilet
Discharge	Through the floor, 1.5 in / 38 mm diameter plumbing, vacuum			
Vacuum pump* draw	2 A/12 V DC; 1 A/24 V DC			
Vacuum pump* circuit breaker/fuse	5 A/12 V or 24 V DC			
Vacuum source* draw	6A/12 V DC; 3A/24 V DC)			
Vacuum source* circuit breaker/fuse	10A/12 V DC; 5A/24 V DC)			
Water Supply ID Fitting	0.5 in / 13 mm NPT			
Min. Water Flow Rate	2.0 gpm / 7.6 lpm		2.5 gpm / 9.5 lpm	
Discharge Hose/PVC pipe ID Fitting	1.5 in / 38 mm			
Discharge Horizontal Run[1]	50 ft / 15 m maximum to vacuum source			
Discharge Vertical Run[1]	6 ft / 1.8 m maximum to vacuum source			
Required components	Electric flush switch[†]: Dometic VFS or VFP model Vacuum source[†]: VacuFlush vacuum generator, vacuum holding tank, or holding tank system			
Min. Height – Seat Down[2]	14 3/4 in / 375 mm	18 1/8 in / 460 mm	19 in / 483 mm	19 in / 483mm
Max. Height – Seat Up[2]	30 1/4 in / 768 mm	33 1/2 in / 851 mm	33.5 in / 851 mm	
Width[2]	14 3/4 in / 375 mm	14 3/4 in / 375 mm	14.75 in / 375 mm	14.75 in / 375 mm
Depth – Wall to Front of Bowl[2]	18 1/4 in / 464 mm	18 5/8 in / 473 mm	18.5 in / 470 mm	22 in / 559 mm

Product	Ref. No.
Dometic VacuFlush 4806, 12 V	9108554740
Dometic VacuFlush 4806, 24 V	9108554772
Dometic VacuFlush 4809, 12 V	9108554742
Dometic VacuFlush 4809, 24 V	9108554774
Dometic VacuFlush 4709, 12 V	9108684500
Dometic VacuFlush 4709, 24 V	9108684502
Dometic VacuFlush 4509, 12 V	9600006454
Dometic VacuFlush 4509, 24 V	9600006456

1. Based on J and S series VacuFlush vacuum generator specifications. Where applicable, see VHT series vacuum holding tank manual for other installation specifications.
2. Dimensions may vary ± 0.375 in/10 mm.
*   Required for J and S series VacuFlush vacuum generators.
†   Purchased separately.

DOMETIC W-SERIES WALL HOLDING TANKS

Experience Dometic's Wall Tank Series for marine waste holding tank applications. It's corrosion-proof, odor-free, and built with high-strength injection molded glass filled polypropylene for long-lasting durability. The HTS-W model with integrated VacuMax pump provides the power of vacuum to save water with every flush. Multiple discharge outlets eliminate the need for complex plumbing. Basic tank design models offer boat builders flexibility when planning vessel layouts and toilet technologies.

ODOR-FREE
FULLY SEALED AND
FACTORY-TESTED

EASY TO INSTALL
PRE-PLUMBED AND
READY TO GO

TECHNOLOGY FLEXIBLE
BASIC AND VACUMAX
INTEGRATED MODELS

SPECIAL MENTION 2025
DAME DESIGN AWARDS
Driven by 4metstrade

DOMETIC W-SERIES

NEW

NEW

NEW

Dometic HT-W-B

60L holding tank.

Ref. No: 9620022296

Dometic HT-W

60L holding tank. Float sensor and DTM panel.

Ref. No: 96200222950

Dometic HTS-W

50L holding tank. Integrated VacuMax pump, float sensor and DTM panel.

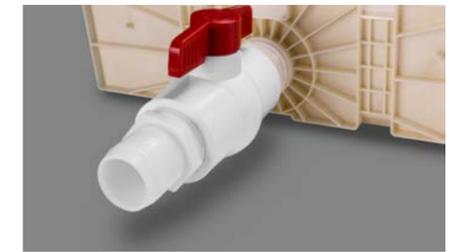12 V | Ref. No: 9620022294
24 V | Ref. No: 9620023677

Innovative Tank Design
Internal paddle ribs strengthen the tank, mix contents through vessel movement, and help break down solids – all with no moving parts.

Integrated Strap Mounts
Ensures consistent tank securing from top to bottom.

Gravity Drain System
Includes a ball valve and hose fitting to reduce standing sewage, minimise odour, and extend hose life.

Tank Status Panel
Illuminates at 75 % capacity to prevent overfilling.

Inverted Vacuum Pump
Resets vacuum in just 20 seconds, offering easier servicing, reduced maintenance, and extended life.
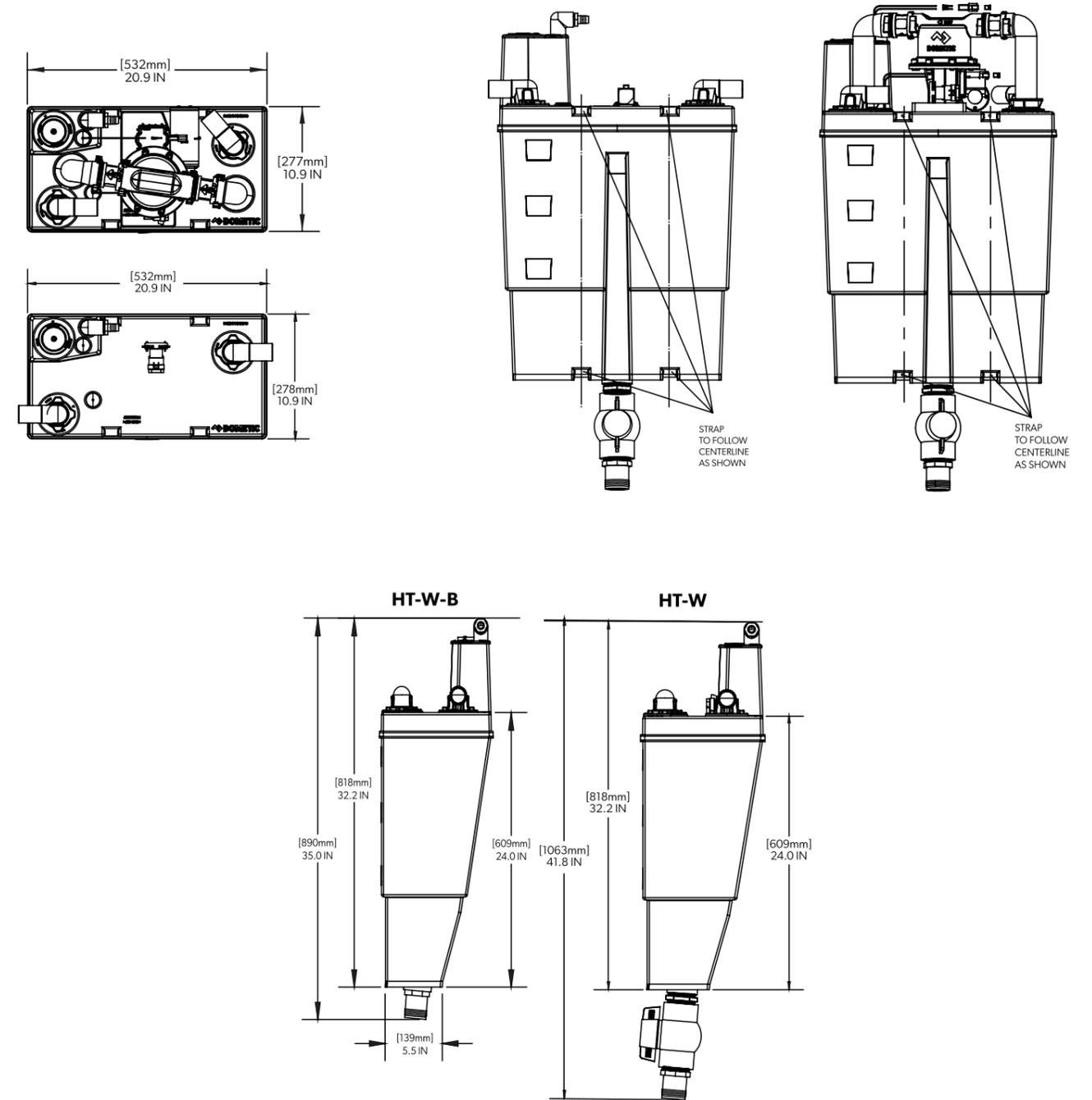
Optimised Vacuum Reservoir
Precision geometry boosts pump efficiency, prevents buildup, and ensures sealed reliability.

Dometic HT-W-B / HT-W / HTS-W

Wall Holding Tank For Marine Toilets, 50 / 60 L

MODEL:	HT-W-B	HT-W	HTS-W
Capacity	15.4 gal / 60 litres	15.4 gal / 60 litres	12.8 gal / 50 litres
Empty Weight	14 lbs / 6.35 kg	16 lbs / 7.26 kg	27 lbs / 12.25 kg
Max Weight	146 lbs / 66.4 kg	148 lbs / 67.3 kg	137 lbs / 62.3 kg
Inlet Plumbing			
ID		1.5 in (38 mm) sanitation hose or PVC pipe	
Vertical Run	n/a	n/a	6 ft / 1.8 m max
Horizontal Run			20 ft / 6.1 m max
Discharge Plumbing			
Dockside Pumpout		1.5 in (38 mm) sanitation hose or PVC pipe	
Gravity Drain		2.0 in (51 mm) sanitation hose or PVC pipe	
	Hose fitting	Ball valve with hose fitting	
Tank Vent			
Hose ID		5/8 in (16 mm) Sanitation hose	
Accessories			
Level Indication	n/a	Full & 3/4 Full - Integrated float sensors	
	n/a	Status panel	
Vacuum Relief Valve	No	Yes	
Overfill Protection	No	Optional	
Electrical			
Power Draw (Average)	n/a	0.15 amp/12VDC 0.09 amp/24VDC	6 amp/12VDC 3 amp/24VDC
Circuit Breaker/fuse	n/a	1 amp/12VDC 1 amp/24VDC	10 amp/12VDC 5 amp/24VDC
Toilet Compatibility	Most manual and macerator toilets		Any VacuFlush model

Dimensions W-Series

[532mm] 20.9 IN

[277mm] 10.9 IN

[532mm] 20.9 IN

[278mm] 10.9 IN

STRAP TO FOLLOW CENTERLINE AS SHOWN

STRAP TO FOLLOW CENTERLINE AS SHOWN

HT-W-B

HT-W

[818mm] 32.2 IN

[890mm] 35.0 IN

[609mm] 24.0 IN

[139mm] 5.5 IN

[818mm] 32.2 IN

[1063mm] 41.8 IN

[609mm] 24.0 IN

Contents, specifications and availability are subject to change in the interests of technical improvement.

CLIMATE

FOOD & BEVERAGE

POWER & CONTROL

HYGIENE & SANITATION

MASTERFLUSH TOILETS

Dometic MasterFlush electric macerator toilets are quick and easy to install, quiet and have a powerful flush action. Their powerful macerator pump allows them to be installed far from the holding tank, providing a lot of flexibility for the installer.

WHAT IS MASTERFLUSH?

Dometic MasterFlush toilets use a powerful centrifugal pump simultaneously pulling waste out of the toilet bowl and pushing it to the on board holding tank. At the heart of the pump are numerous stainless steel macerator blades that ensure everything that passes through the pump is obliterated, virtually guaranteeing a clog-free operation every time.

The power and simplicity of Vacuum

1. Full, flat back ledge hides all plumbing when viewed from above
2. Residential size, round front enamelled wooden seat for homelike comfort
3. Aesthetic seat-to-bowl matching contour
4. Deeply sloped bowl enhances user hygiene
5. 360° rotating base
6. Integrated electric water valve
7. Macerator pump and enclosure
8. Water supply line to bowl and check valve eliminates odour permeation

MasterFlush installation

Dometic MasterFlush electric toilets install quickly and easily. They work with an integrated lifting and macerating unit, operate quietly, and offer good flushing performance. Ideal for connecting to a holding tank, which may also be located further away.

MASTERFLUSH TOILET

MAX. 15M

TOPSIDE DISCHARGE

OVERBOARD DISCHARGE

STAINLESS-STEEL MACERATOR TURBINE

HOLDING TANK
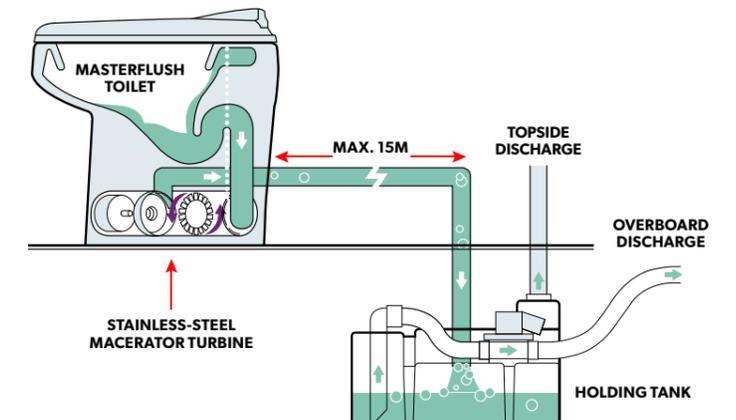
BENEFITS WITH THE MASTERFLUSH SERIES

1. Any angle
The versatile 7000 series is designed for tight spaces. With a 360° bowl-to-base rotation feature, it can be installed in virtually any space.

2. Residential-sized seating
Homelike comfort with residential-size seat. Deep sloping toilet bowl ensures hygiene.

3. Enhanced for waste flow
The stainless steel blades in all our MasterFlush toilets pulverise waste, virtually eliminating any potential clog.

MASTERFLUSH 7000 SERIES

Dometic MasterFlush 7000 Series toilets, with Omnidirectional Rotating Base Installation Technology (ORBIT), provide the only full 360˚ bowl-to-base rotation in a basic macerator toilet. The base can be rotated to any degree in relation to the bowl, providing virtually limitless floor plan and plumbing configurations in very tight spaces, while also providing a residential-size slow-close seat and bowl.

- Full 360° bowl-to-base rotation allows virtually limitless positioning
- Integrated electric water valve on freshwater models
- Dual-stage impeller/macerator fully processes waste for thorough pump-out
- Flushes with as little as 1.2 L (1/3-gallon) of water
- New slow-close seat

Dometic MasterFlush MF 7120

Medium-height fresh water macerator toilet, residential round-front bowl. DFS-2F switch included as standard.

12 V | Ref. No: 9610007270
24 V | Ref. No: 9610007271

Dometic MasterFlush MF 7160

Medium-height sea water macerator toilet, residential round-front bowl. DFS-2F switch included as standard.

12 V | Ref. No: 9610007274
24 V | Ref. No: 9610007275

Dometic MasterFlush MF 7220

Low-Profile fresh water macerator toilet with compact marine bowl. DFS-2F switch included as standard.

12 V | Ref. No: 9610007277
24 V | Ref. No: 9610007283

Dometic MasterFlush 7225

Ultra-Low-profile fresh water macerator toilet with compact marine bowl. DFS-2F switch included as standard.

12 V | Ref. No: 9610007282

Dometic MasterFlush MF 7260

Low-Profile sea water macerator toilet with compact marine bowl. DFS-2F switch included as standard.

12 V | Ref. No: 9610007285
24 V | Ref. No: 9610007287

MASTERFLUSH 8100 SERIES

The 8100 series freshwater macerator toilets provide three flush settings to help manage water use. Because flushes are controlled by how long the flush button is pressed, average consumption is very low, as the macerator moves the waste with minimal water needed. The enamelled wood seat ensures user comfort.

- Easy to install with only the toilet and flush control panel to fit
- Normal and Dry Bowl flush options allow efficient water consumption
- Compatible with a remote holding tank
- Low noise levels
- Through-the-floor or through-the-wall discharge fittings

Dometic MasterFlush 8120

Low-profile. DFST switch included as standard.

12 V | Ref. No: 9600015974
24 V | Ref. No: 9600015975

Dometic MasterFlush 8140

Standard height. DFST switch included as standard.

12 V | Ref. No: 9600015510
24 V | Ref. No: 9600015512

Contents, specifications and availability are subject to change in the interests of technical improvement.

MASTERFLUSH 8900/8600 SERIES

The stainless steel macerator blades of the MF 8900 and 8600 Series toilets quickly and conveniently turn waste into a fluid slurry. The high-quality ceramic bowls are easily cleaned, with quiet operation and low energy consumption. Compact designs with angled or flat backs help to save space, featuring a powerful flush.

- Conserve water with low-flush function
- Elegant low-profile or standard height designs suit any bathroom
- Ergonomically shaped seat closes softly to avoid noise and damage
- Dometic flush touchpad as standard
- Dometic flush switch panels to fit Vimar/Gewiss frames (optional)

Dometic Masterflush MF 8920

Low-profile macerator toilet. DFT switch included as standard.

Angled back:
12 V | Ref. No: 9600016133
24 V | Ref. No: 9600016134

Dometic Masterflush MF 8940

Standard height macerator toilet. DFT switch included as standard.

Angled back:
12 V | Ref. No: 9600015504
24 V | Ref. No: 9600015506

Dometic Masterflush MF 8620

Flat back:
12 V | Ref. No: 9600017485
24 V | Ref. No: 9600017486

Dometic Masterflush MF 8640

Flat back:
12 V | Ref. No: 9600019767
24 V | Ref. No: 9600019769

MASTERFLUSH 8700/8500 SERIES

For an elegant look and easy, convenient cleaning, the Dometic MasterFlush 8500 toilets feature a full-china, smooth-contour, elongated bowl with sleek, modern styling. The standard-height, slow-close seat and wraparound lid provide luxurious residential comfort. The high-performance macerator pump ensures reliably thorough flushing while also operating 30 % more efficiently than other Dometic macerator heads.

- 12 or 24 V ceramic toilet
- Standard-height toilet with residential-size bowl and elongated seat for premium comfort
- Smooth-contour bowl simplifies cleaning
- Quieter, shorter flush duration than other macerator toilets
- Powerful macerating flush

Dometic MasterFlush 8740

Standard-height all ceramic macerator toilet with a premium wooden elongated seat with slow-close action. DFT switch included as standard.

12 V | Ref. No: 9600012036
24 V | Ref. No: 9600012037

Dometic Masterflush 8746

Standard-height all ceramic macerator toilet with a premium wooden elongated seat with slow-close action. Stylish flush handle mounted on fixture to enhance the traditional styling.

12 V | Ref. No: 9600013151
24 V | Ref. No: 9600013152

Dometic Masterflush 8540

Macerator toilet with slow close plastic seat. DFT switch included as standard.

12 V | Ref. No: 9600006448
24 V | Ref. No: 9600006450

Dometic Masterflush 8541

BIDET FUNCTION

Macerator toilet with bidet and slow close plastic seat. DFT switch included as standard.

12 V | No: 9600006452
24 V | Ref. No: 9600006453

Contents, specifications and availability are subject to change in the interests of technical improvement.

Dometic MasterFlush MF 7100 series

Electric Macerator Toilet, Standard Height, 12 V or 24 V

MODEL	MF 7160	MF 7120
Water supply	Sea water	Fresh water
Voltage	12 V DC or 24 V DC	12 V DC or 24 V DC
Current consumption	20 A/12 V DC; 10 A/24 V DC	20 A/12 V DC; 10 A/24 V DC
Dimensions (W × H × D)	381 × 375 × 483 mm	381 × 375 × 483 mm
Weight	18.9 kg	18.9 kg
Quality features	Space saving due to the 360° Orbit technology. Energy efficient and a low consumption fresh water flush. Highly effective macerator system. Round-front enamelled wooden seat with aesthetically matching round-front enamelled wooden seat with slow-close action. A full flat back ledge hides all plumbing when viewed from above. Trouble- and odour-free performance.	

Product	Ref. No.
Dometic MasterFlush MF 7160, 12 V	9610007274
Dometic MasterFlush MF 7160, 24 V	9610007275
Dometic MasterFlush MF 7120, 12 V	9610007270
Dometic MasterFlush MF 7120, 24 V	9610007271
Accessories	
Dometic MF-DFST, Triple flush switch panel for MasterFlush freshwater toilets	9108559126

Dometic MasterFlush MF 7200 series

Electric Macerator Toilet, Low-profile, 12 V

MODEL	MF 7260	MF 7220	MF 7225
Water supply	Sea water	Fresh water	Fresh water
Voltage	12 V DC or 24 V DC	12 V DC or 24 V DC	12 V DC
Current consumption	20 A/12 V DC; 10 A/24 V DC	20 A/12 V DC; 10 A/24 V DC	20 A/12 V DC
Dimensions (W × H × D)	368 × 337 × 476 mm	368 × 337 × 476 mm	368 × 303 × 476 mm
Weight	41.5 lbs/18.9 kg	41.5 lbs/18.9 kg	41.5 lbs/18.9 kg
Quality features	Powerful macerator flush. Full 360° ORBIT bowl-to-base rotation allows positioning in small spaces and diverse layouts. Small footprint – fits in almost any head compartment. Efficient: uses as little as 0.3 gal. (1.2 L) of sea water per flush. Compact bowl and comfortable, full-sized enamelled wood seat (MF 7225 plastic seat).		

Product	Ref. No.
Dometic MasterFlush MF 7260, 12 V	9610007285
Dometic MasterFlush MF 7260, 24 V	9610007287
Dometic MasterFlush MF 7220, 12 V	9610007277
Dometic MasterFlush MF 7260, 24 V	9610007283
Dometic MasterFlush MF 7225, 12 V	9610007282
Accessories	
Dometic MF-DFST, Triple flush switch panel for MasterFlush freshwater toilets	9108559126

Dometic MasterFlush MF 8120

Electric Macerator Toilet, Low-Profile, 12 V or 24 V

Water supply	Fresh water
Voltage	12 V DC or 24 V DC
Current consumption	20 A / 12 V DC; 15 A / 24 V DC
Dimensions (W × H × D)	375 × 381 × 467 mm
Weight	30 kg
Quality features	High-quality ceramic bowl, efficient stainless steel macerator, quiet operation, low energy consumption, easy installation

Product	Ref. No.
Dometic MasterFlush MF 8120, 12 V	9600015974
Dometic MasterFlush MF 8120, 24 V	9600015975

Dometic MasterFlush MF 8140

Electric Macerator Toilet, Standard Height, 12 V or 24 V

Water supply	Fresh water
Voltage	12 V DC or 24 V DC
Current consumption	20 A/12 V DC; 15 A/24 V DC
Dimensions (W × H × D)	375 × 467 × 467 mm
Weight	35 kg
Quality features	The quiet operation avoids disturbance. Low energy consumption. High quality ceramic bowl is easy to clean. Easy to install. Stainless steel macerator blades are highly effective.

Product	Ref. No.
Dometic MasterFlush MF 8140, 12 V	9600015510
Dometic MasterFlush MF 8140, 24 V	9600015512

Dometic MasterFlush MF 8900 Series

Electric Macerator Toilet, 12 V or 24 V

MODEL		MF 8940 Standard Height	MF 8920 Low-Profile
	Voltage	12 V DC or 24 V DC	
	Current consumption	20 A / 12 V DC; 15 A / 24 V DC	
	Material	Vitreous ceramic	
	Dimensions (W × H × D)	375 × 460 × 464 mm	375 × 375 × 464 mm
	Weight	24.02 kg	22.14 kg
MF 8940	Quality features	Powerful flush with steel macerator. Compact design with angled back saves space. Conserve water with low flush option. Ergonomically shaped seat closes softly to avoid noise and damage. Dometic flush touchpad as standard, Dometic flush switch panels to fit Vimar/Gewiss frames (optional).	

Product	Ref. No.
Dometic MasterFlush MF 8940, standard height, 12 V	9600015504
Dometic MasterFlush MF 8940, standard height, 24 V	9600015506
Dometic MasterFlush MF 8920, low-profile, 12 V	9600016133
Dometic MasterFlush MF 8920, low-profile, 24 V	9600016134
Accessories	
Dometic MF-DFS, Flush switch panel for electronic MasterFlush toilets	9108782202

MF 8920

Dometic MasterFlush 8620 / 8640

Standard-height, Flat-back, All-ceramic Macerator Toilet, 12 V or 24 V

MODEL		MF 8620	MF 8640
	Description[1]	Low-profile macerator toilet with touchpad flush control*	Standard-height macerator toilet with touchpad flush control*, bottom discharge
	Circuit Breaker/Fuse Wiring	20 A / 12V DC; 15 A / 24V DC	
	Wiring	12 ga. (up to 20 ft / 6.1 m total circuit)	
	Water Supply ID Fitting	0.5 in / 13 mm NPT	
MF 8620	Min. Water Flow Rate	2.5 gpm / 9.5 lpm	
	Discharge ID Fitting	1.5 in / 38mm or 1 in / 25 mm minimum	
	Max. Discharge Horizontal Run[2]	98 ft / 30 m	
	Max. Discharge Vertical Run[2]	9.8 ft / 3 m	
	Min. Height – Seat Down[3]	14 in / 356 mm	17 in / 432 mm
	Max. Height – Seat Up[3]	30.5 in / 775 mm	33.5 in / 851 mm
	Width[3]	14.75 in / 375 mm	14.75 in / 375 mm
MF 8640	Depth – Wall to Front of Bowl[3]	19.75 in / 502 mm	19.75 in / 502 mm
	Depth – Wall to Front of Base[3]	15.375 in / 391 mm	16 in / 406 mm

Product	Ref. No.
Dometic MasterFlush MF 8620, 12 V	9600017485
Dometic MasterFlush MF 8620, 24 V	9600017486
Dometic MasterFlush MF 8640, 12 V	9600019767
Dometic MasterFlush MF 8640, 24 V	9600019769

1. Toilets available in white or bone colors. Toilet/bidet combos and manual bidets available in white only. Optional DFS or DFP flush switch must be ordered separately.
2. Horizontal and vertical run distances are not cumulative. Check for adequate discharge flow if installation nears one of these limits.
3. Dimensions may vary ± 0.375 in / 10 mm.
*   DFT touchpad flush switch is included with all models. Optional DFS or DFP flush switch must be ordered separately.

Contents, specifications and availability are subject to change in the interests of technical improvement.

Dometic MasterFlush 8740 / 8746

Standard-height, Flat-back, All-ceramic Macerator Toilet, 12 V or 24 V

MODEL		MF 8740	MF 8746
	Description[1]	Wall-mounted flush touchpad*	Electronic flush handle on toilet**
	Circuit Breaker/Fuse Wiring	20 A/12 V DC; 15 A/24 V DC	
	Wiring	12 ga. (up to 20 ft/6.1 m total circuit)	
	Water Supply ID Fitting	0.5 in/13 mm NPT	
	Min. Water Flow Rate	2.5 gpm/9.5 lpm	
	Discharge ID Fitting	1.5 in/38 mm or 1 in/25 mm minimum	
	Max. Discharge Horizontal Run[2]	98 ft/30 m	
	Max. Discharge Vertical Run[2]	9.8 ft/3 m	
	Min. Height – Seat Down[3]	17.5 in/445 mm	17.5 in/445 mm
	Max. Height – Seat Up[3]	33.5 in/851 mm	30.25 in/768 mm
	Width[3]	16.5 in/419 mm	14.75 in/375 mm
	Depth – Wall to Front of Bowl[3]	22.5 in/572 mm	22.5 in/572 mm
	Depth – Wall to Front of Base[3]	18.5 in/470 mm	18.5 in/470 mm
Product			**Ref. No.**
Dometic MasterFlush MF 8740, 12 V			9600012036
Dometic MasterFlush MF 8740, 24 V			9600012037
Dometic MasterFlush MF 8746, 12 V			9600013151
Dometic MasterFlush MF 8746, 24 V			9600013152

1. Toilets available in white or bone colors. Toilet/bidet combos and manual bidets available in white only. Optional DFS or DFP flush switch must be ordered separately.
2. Horizontal and vertical run distances are not cumulative. Check for adequate discharge flow if installation nears one of these limits.
3. Dimensions may vary ± 0.375 in/10 mm.
* DFT touchpad flush switch is included with all models. Optional DFS or DFP flush switch must be ordered separately.
** Flush handle available in chrome, gold, or nickel finish.

Dometic MasterFlush 8540 / 8541

Electric Macerator Toilet, 12 V or 24 V

MODEL		S8540 With Slow Close Plastic Seat	S8540 With Slow Close Plastic Seat And Handwave Switch	S8541 With Bidet
	Voltage	12 V DC or 24 V DC		
	Current consumption	20 A/12 V DC; 15 A/24 V DC		
	Material	Vitreous ceramic		
	Dimensions (W × H × D)	375 × 483 × 559 mm		
	Weight	28.35 kg		
	Quality features	• 12 V ceramic toilet • Standard-height toilet with residential-size bowl and elongated seat for premium comfort • Smooth-contour bowl simplifies cleaning • Quieter, shorter flush duration than other macerator toilets • Powerful macerating flush • Slow-close seat and lid for silent operation • 30% more efficient than previous Dometic macerator toilets	• 12 V ceramic toilet • Standard-height toilet with residential-size bowl and elongated seat for premium comfort • Smooth-contour bowl simplifies cleaning • Quieter, shorter flush duration than other macerator toilets • Powerful macerating flush • Slow-close seat and lid for silent operation • Touchless HandWave controls improve hygiene	• 12 V ceramic toilet • Standard-height toilet with residential-size bowl and elongated seat for premium comfort • Smooth-contour bowl simplifies cleaning • Quieter, shorter flush duration than other macerator toilets • Powerful macerating flush • Bidet slow-close seat provides extra sanitation and convenience • 30% more efficient than previous Dometic macerator toilets
Product				**Ref. No.**
Dometic MasterFlush S8540 Moderno, with slow close plastic seat, 12 V				9600006448
Dometic MasterFlush S8540 Moderno, with slow close plastic seat, 24 V				9600006450
Dometic MasterFlush S8540 Moderno, with slow close plastic seat, handwave switch, 12 V				9600006510
Dometic MasterFlush S8540 Moderno, with slow close plastic seat, handwave switch, 24 V				9600018108
Dometic MasterFlush S8541 Moderno Bidet, 12 V				9600006452
Dometic MasterFlush S8541 Moderno Bidet, 24 V				9600006453
Accessories				
Dometic DFS, Flush switch panel for electronic MasterFlush toilets				9108782202

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DOMETIC.COM — 195

GRAVITY
TOILETS

Gravity solutions offer the toilet and holding tank in one package for vessels that may not have the space for a traditional remote-mounted holding tank. The simplicity of the Dometic designs along with the ease of installation provide our customers with comfort and peace of mind knowing they have a reliable solution for their sanitation needs on a smaller vessel. Dometic gravity toilet solutions for the marine market install easily and quickly and have optional or standard Pump Out fittings for dockside or overboard discharge where allowed.

WHAT IS GRAVITY?

Portables

Full Sized

Gravity Toilet Function

To flush the portable toilet, just open the transfer valve to allow the waste to drop from the bowl to the holding tank using gravity and water.

The same can be done on the full-sized permanent toilet by pushing the foot pedal down to open the ball valve in the bowl. Before the tank is completely full, it can be pumped out at a dockside pump via the integrated dip tube, found in both the full-sized product and the MSD portable toilet version. Alternatively, if the vessel has an onboard discharge pump, the waste can be pumped overboard where the law allows.

Gravity installation

In all cases, installation is as easy as drilling some holes and securing with a few screws. Then, just connect some hoses and you are all set!

GRAVITY
TOILET

OVERBOARD
DISCHARGE
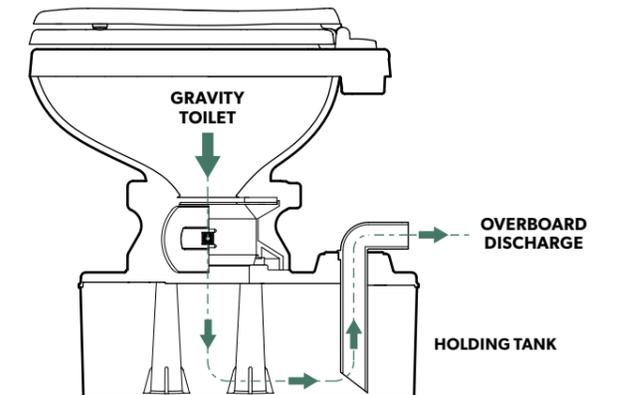
HOLDING TANK

BENEFITS WITH THE GRAVITY SERIES

1. Small footprint
Easy to find space for this self-contained toilet with onboard water and separate waste holding tanks.

2. Full-sized comfort
Models offer seat heights at both ends of the ADA guideline range (17"–19").

3. Easy tank emptying
Both solutions offer a dip tube assembly to connect to a deck fitting so they can be vacuumed out at a dockside pumping station.

CLIMATE

FOOD & BEVERAGE

POWER & CONTROL

HYGIENE & SANITATION

SANIPOTTIE 970 SERIES PORTABLE TOILETS

Powerful flushing at the touch of a button – without constant pumping or batteries – sets the 970 series portable toilets apart from the rest. High-strength ABS construction withstands the marine environment and the smooth surfaces are easy to keep clean. This series has a full-sized seat for user comfort and the prismatic level indicator allows for easy waste tank level monitoring. Contemporary styling compliments today's boat designs.

Dometic 972

Full-sized portable toilet with push button flush. 2.5-gallon water tank and 2.6-gallon waste tank.

Ref. No: 9108552682

Dometic 974

Dometic 972 including stainless steel mounting bracket kit.

Ref. No: 9108552684

Dometic 974 MSD

Dometic 972 including stainless steel mounting bracket kit and a holding tank dip tube kit for a boat installation.

Ref. No: 9108552690

Dometic 976

Full-sized portable toilet with push button flush. 2.5-gallon water tank and 5-gallon waste tank.

Ref. No: 9108552688

Dometic 975

Dometic 976 including stainless steel mounting bracket kit.

Ref. No: 9108552686

Dometic 975MSD

Dometic 976 including stainless steel mounting bracket kit and a holding tank dip tube kit for a boat installation.

Ref. No: 9108552692

SANIPOTTIE 960 SERIES PORTABLE TOILETS

These simple, self-contained, and adult-sized portable toilets have provided recreational boaters with convenience and user-friendly performance for over 25 years. The high-density polyethylene construction withstands demanding marine conditions while providing an easy-to-clean, scratch-resistant finish. Bellow-style flush delivers a bowl-clearing rinse every time. The adult-sized seat and firm-locking side latches provide comfort and confidence. Available in attractive parchment and platinum colors.

AMERICAS ONLY

AMERICAS ONLY

Dometic 962

Portable toilet with adult-sized seat for comfort. 2.6-gallon water tank and 2.5-gallon waste tank.

Ref. No: 9108552677 (Platinum)
Ref. No: 9108552675 (Parchment)

Dometic 966

Portable toilet with adult-sized seat for comfort. 2.6-gallon water tank and 5-gallon waste tank.

Ref. No: 9108552680 (Platinum)
Ref. No: 9108552678 (Parchment)

Dometic 964

Dometic 962 including stainless steel mounting bracket kit.

Ref. No: 9108552684

Dometic 965

Dometic 966 including stainless steel mounting bracket kit.

Ref. No: 9108552686

Dometic 964 MSD

Dometic 962 including stainless steel mounting bracket kit and a holding tank dip tube kit for a boat installation.

Ref. No: 9108552690

Dometic 965 MSD

Dometic 966 including stainless steel mounting bracket kit and a holding tank dip tube kit for a boat installation.

Ref. No: 9108552692

M65 SERIES SELF-CONTAINED GRAVITY TOILETS

Get a complete freshwater toilet and holding tank system in one self-contained package with the Dometic M65 Series Toilet. Using an onboard water supply, this toilet system avoids the foul odours associated with seawater systems. This fully contained toilet/waste tank system offers an efficient flush to save water while requiring no electricity to operate. The durable ceramic toilet bowl and high-strength ABS tank with integrated toilet supports are hygienic and easy to keep clean. The 6.5-gallon waste tank in all models provides ample capacity for a full day of fun on the water.

30TH DAME SPECIAL MENTION 2021

AMERICAS ONLY

Dometic M65-700

All-in-one marine toilet (White). Compact full china bowl. Low-profile, full-sized seat.

Ref. No: 9610003317

Dometic M65-5000

All-in-one marine toilet (White). Deep full china bowl. Elongated wood seat with slow-close action.

Ref. No: 9610003318

Dometic M65-5000

All-in-on marine toilet (Bone). Deep full china bowl. Elongated wood seat with slow-close action.

Ref. No: 9610003319

Contents, specifications and availability are subject to change in the interests of technical improvement.

CLIMATE

FOOD & BEVERAGE

POWER & CONTROL

HYGIENE & SANITATION

Dometic 970 / 960 SERIES

Portable Toilet

MODEL		972	976	962	966
Flush water tank capacity		2.3 gal / 8.7 L	2.3 gal / 8.7 L	2.6 gal / 9.8 L	2.6 gal / 9.8 L
Waste tank capacity		2.6 gal / 9.8 L	5 gal / 19 L	2.5 gal / 9.5 L	5 gal / 19 L
Material		ABS	ABS	ABS	ABS
Colour		White/Grey	White/Grey	White/Grey	White/Grey
Dimensions (W × H × D)		13.125 × 12.5 × 15.25 in 334 × 318 × 387 mm		13.125 × 15.25 × 15.25 in 334 × 318 × 387 mm	
Weight		12.1 lbs / 5.5 kg	14.1 lbs / 6.4 kg	12.1 lbs / 5.5 kg	14.1 lbs / 6.4 kg
Quality features		• High-strength ABS construction withstands harsh environments. • Smooth, easy-to-clean finish. • Prismatic tank level indicator allows easy tank level monitoring. • Push-button flush clears bowl instantly. Full-size seat for comfort. • Latching lid for security.			

Product	Ref. No.
Dometic 972	9108552682
Dometic 974 (972 incl. Stainless Steel Mounting Bracket Kit)	9108552684
Dometic 974 MSD (974 incl. Waste Tank MSD Dip Tube and Venting Kit)	9108552690
Dometic 976, Platinum)	9108552688
Dometic 975 (976 incl. Stainless Steel Mounting Bracket Kit)	9108552686
Dometic 975 MSD (975 incl. Waste Tank MSD Dip Tube and Venting Kit)	9108552692
Dometic 962, Platinum	9108552677
Dometic 962, Parchment	9108552675
Dometic 964 (962 with Stainless Steel Mounting Bracket Kit included), Platinum	9108554387
Dometic 964 (962 with Stainless Steel Mounting Bracket Kit included), Parchment	9108554386
Dometic 964 MSD (964 incl. Waste Tank MSD Dip Tube and Venting Kit), Platinum	9108554393
Dometic 964 MSD (964 incl. Waste Tank MSD Dip Tube and Venting Kit), Parchment	9108554392
Dometic 966, Platinum	9108552680
Dometic 966, Parchment	9108552678
Dometic 965 (966 with Stainless Steel Mounting Bracket Kit included), Platinum	9108554389
Dometic 965 (966 with Stainless Steel Mounting Bracket Kit included), Parchment	9108554388
Dometic 965 MSD (965 incl. Waste Tank MSD Dip Tube and Venting Kit), Platinum	9108554395
Dometic 965 MSD (965 incl. Waste Tank MSD Dip Tube and Venting Kit), Parchment	9108554394
Accessories for Dometic 970 series	
Dometic 970-FK, fixing kit for Dometic 970 series toilets	9108559158

972

976

962

966

Dometic M65-700 / M65-5000

All-in-one Portable Toilet, White and Bone

MODEL	M65-700	M65-5000
Flush metod	Foot Pedal	Foot Pedal
Discharge	1.5 in (38 mm) ID Plumbing	1.5 in (38 mm) ID Plumbing
Fresh Water Supply Pressure	1.5 in (38 mm) ID Plumbing	35–40 psi
Water Inlet Size	0.5 in (13 mm) NPT	0.5 in (13 mm) NPT
Vent Fitting	5/8 in (16 mm) O.D.	5/8 in (16 mm) O.D.
Pumpout Fitting	1.5 in (38 mm) O.D.	1.5 in (38 mm) O.D.
Holding Tank Capacity	1.5 in (38 mm) O.D.	6.5 gal (24.6 L)
Minimum Water Consumption per Flush	0.1 gal (0.5 L)	0.1 gal (0.5 L)
Average Water Consumption per Flush	0.3 gal (1.0 L)	0.3 gal (1.0 L)
Seat size	Standard	Elongated
Min. Height – Seat Down	17.5 in (450 mm)	19.8 in (500 mm)
Max. Height – Seat Up	31.0 in (790 mm)	33.8 in (860 mm)
Width	18.8 in (480 mm)	18.8 in (480 mm)
Depth – Wall to Front of Bowl	19.5 in (500 mm)	19.8 in (500 mm)
Weight[1]	46 lbs (20.9 kg)	49 lbs (22.2 kg)
Product		Ref. No.
Dometic M65-700		9610003317
Dometic M65-5000, White		9610003318
Dometic M65-5000, Bone		9610003319

M65-700

M65-5000

Contents, specifications and availability are subject to change in the interests of technical improvement.
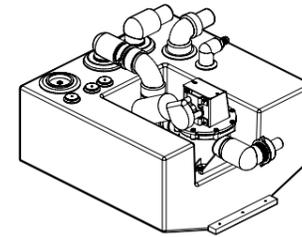
HOLDING TANKS

Dometic holding tanks provide long-lasting performance and efficiency. Constructed from a high-strength polyethylene material with a heavy-duty wall thickness, these tanks will maintain their integrity in the dynamic marine environment. They are pre-plumbed with discharge, inlet and vent fittings, an inspection port, and a pressure relief valve. All holding tanks are factory pressure tested and ready to install.

MARINE HOLDING TANK SYSTEMS (HTS)

Boatowners can now realize the benefits of a user-friendly, properly-sized holding tank in virtually any Type III MSD system with this wide range selection of Dometic holding tank systems. Both HTS-T and our Basic series use top-mounted fittings and dip-tube discharge plumbing to prevent potential leaks. Multiple discharge outlets eliminate the need for complex plumbing and extra discharge line connections.

Dometic 10 HTS-T

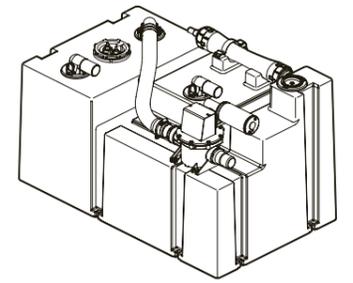10-gallon holding tank. Integrated discharge pump and level monitor.

12 V | Ref. No: 9108555483
24 V | Ref. No: 9108555484
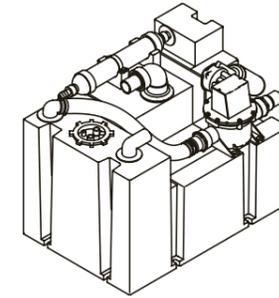
Dometic 28 HTS-T

28-gallon holding tank. Integrated discharge pump, vent filter, and level monitor.

12 V | Ref. No: 9108555250
24 V | Ref. No: 9108555251

Dometic 40 HTS-T

40-gallon holding tank. Integrated discharge pump, vent filter, and level monitor.

12 V | Ref. No: 9108555257
24 V | Ref. No: 9108555258

BASIC MARINE HOLDING TANK SYSTEMS

This basic tank series offers leak-proof thick-walled holding tank designs that are highly durable and odour free. With many sizes and shapes to choose from, Dometic has a basic tank solution to meet the space-restricted needs of many boat sizes.

Dometic DHT42L

11 gal/42 L capacity.

Ref. No: 9107100001

Dometic DHT61L

16 gal/61 L capacity.

Ref. No: 9107100002

Dometic DHT88L

23 gal/88 L capacity.

Ref. No: 9107100003

Dometic DHT110L

29 gal/110 L capacity.

Ref. No: 9107100004

Dometic DHT137L

36 gal/137 L capacity.

Ref. No: 9107100005

DOMETIC HTS-BASIC SERIES

Dometic 12 HTS

11 gal capacity.

HRZ | Ref. No: 9108555498
VRT | Ref. No: 9108555499

Dometic 15 HTS

15 gal capacity.

HRZ | Ref. No: 9108555500
VRT | Ref. No: 9108555501

Dometic 20 HTS

18 gal capacity.

HRZ | Ref. No: 9108555502
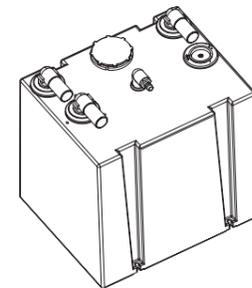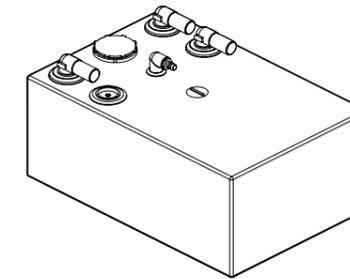VRT | Ref. No: 9108555503

Dometic 25 HTS
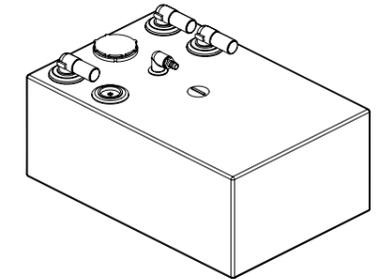
25 gal capacity.

HRZ | Ref. No: 9108555494

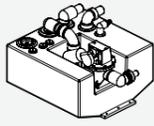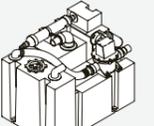### Dometic 30 HTS

28 gal capacity.

HRZ | Ref. No: 9108555504

Dometic 40 HTS

34 gal capacity.

HRZ | Ref. No: 9108555505

Contents, specifications and availability are subject to change in the interests of technical improvement.

Dometic HTS 10 HTS-T / HTS 28 HTS-T / HTS 40 HTS-T

Holding Tank For Marine Toilets, 10 / 28 / 40 L

MODEL		10 HTS-T	28 HTS-T	40 HTS-T
	Capacity	38 litres	106 litres	152 litres
	Material	Holding tank: polyethylene Fittings: polyvinyl chloride, ABS		
	Colour	Holding tank: natural Fittings: white		
	Dimensions (W × H × D)	635 × 495 × 594 mm	495 × 483 × 762 mm	508 × 533 × 889 mm
	Empty weight	24.75 lbs/11.25 kg	55 lbs/25 kg	58 lbs/26.4 kg
	Quality features	Boat owners can now realize the benefits of a user-friendly, properly-sized holding tank in virtually any Type III MSD system with the wide selection of Dometic holding tank systems. HTS-T series tanks use top-mounted fittings and diptube discharge plumbing to prevent potential leaks. Multiple discharge outlets eliminate the need for complex plumbing and extra discharge line connections.		
	Test mark	ISO 8099 compliant		

Product	Ref. No.
10 HTS-T, 12 V	9108555483
10 HTS-T, 24 V	9108555484
28 HTS-T, 12 V	9108555250
28 HTS-T, 24 V	9108555251
40 HTS-T, 12 V	9108555257
40 HTS-T, 24 V	9108555258

10 HTS-T

28 HTS-T

40 HTS-T

Dometic DHT 42L / DHT 61L / DHT 88L

Holding Tank For Marine Toilets, 42 / 61 / 88 L

MODEL		DHT 42L	DHT 61L	DHT 88L
	Gross capacity	42 litres	61 litres	88 litres
	Material	Holding tank: polyethylene Fittings: polyvinyl chloride, ABS		
	Colour	Holding tank: natural Fittings: white		
	Dimensions (W × H × D)	351 x 348 x 460 mm	351 x 348 x 660 mm	800 x 389 x 399 mm
	Empty weight	5.4 kg	7.7 kg	10.2 kg
	Quality features	No leaks or offensive odours. Easy to fit with pre-drilled holes and pre-tested, installed fittings that can rotate. Two separate outlets for dockside and overboard discharge. Vacuum relief valve prevents damage from high-capacity dockside vacuum pumps. Made from highly durable polyethylene with a 6.3 mm wall thickness.		
	Test mark	ISO 8099 compliant		

Product	Ref. No.
Dometic DHT 42L	9107100001
Dometic DHT 61L	9107100002
Dometic DHT 88L	9107100003

DHT 42L

DHT 61L

DHT 88L

Dometic DHT 110L / DHT 137L

Holding Tank for Marine Toilets, 110 / 137 L

MODEL		DHT 110L	DHT 137L
	Gross capacity	110 litres	137 litres
	Material	Holding tank: polyethylene Fittings: polyvinyl chloride, ABS	
	Colour	Holding tank: natural Fittings: white	
	Dimensions (W × H × D)	351 × 348 × 1,199 mm	397 x 388 x 1,200 mm
	Empty weight	14 kg	14.5 kg
	Quality features	No leaks or offensive odours. Easy to fit with pre-drilled holes and pre-tested, installed fittings that can rotate. Two separate outlets for dockside and overboard discharge. Vacuum relief valve prevents damage from high-capacity dockside vacuum pumps. Made from highly durable polyethylene with a 6.3 mm wall thickness.	
	Test mark	ISO 8099 compliant	

Product	Ref. No.
Dometic DHT 110L	9107100004
Dometic DHT 137L	9107100005

DHT 110L

DHT 137L

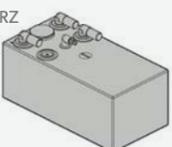Contents, specifications and availability are subject to change in the interests of technical improvement.

Dometic 12 HTS / 15 HTS

Holding Tank for Marine Toilets, Vertical Installation 42 / 57 L

MODEL		12 HTS-VRT	15 HTS-VRT
12 HTS-VRT 15 HTS-VRT	Gross capacity	42 litres	57 litres
	Material	Holding tank: polyethylene Fittings: polyvinyl chloride, ABS	
	Colour	Holding tank: natural Fittings: white	
	Dimensions (W × H × D)	451 × 616 × 210 mm	317.5 × 546.1 × 558.8 mm
	Empty weight	9.07 kg	9.53 kg
	Quality features	Leak-proof design. Odour-free design avoids unwanted smells. Durable 6.3 mm thick corrosion-resistant polyethylene walls (ISO/USCG compliant). Vacuum relief valve prevents damage from high-capacity dockside vacuum pumps. Two separate outlets for overboard and dockside discharge. Pre-installed and tested fittings can rotate giving users flexibility.	
	Test mark	ISO 8099 compliant	

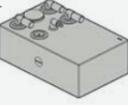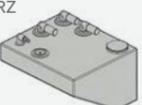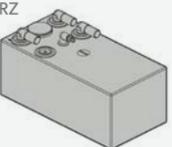| Product	Ref. No.
12 HTS-VRT	9108555499
15 HTS-VRT	9108555501

Dometic 25 HTS / 30 HTS / 40 HTS

Holding Tank for Marine Toilets, Horizontal Installation 94 / 106 / 129 L

MODEL		25 HTS-HRZ	30 HTS-HRZ	40 HTS-HRZ
12 HTS-HRZ 15 HTS-HRZ 20 HTS-HRZ	Gross capacity	94 litres	106 litres	129 litres
	Material	Holding tank: polyethylene Fittings: polyvinyl chloride, ABS		
	Colour	Holding tank: natural Fittings: white		
	Dimensions (W × H × D)	432 × 521 × 533 mm	508 × 368 × 762 mm	552 × 406 × 762 mm
	Empty weight	14.1 kg	16.8 kg	18.6 kg
	Quality features	Leak-proof design. Odour-free design avoids unwanted smells. Durable 6.3 mm thick corrosion-resistant polyethylene walls (ISO/USCG compliant). Vacuum relief valve prevents damage from high-capacity dockside vacuum pumps. Two separate outlets for overboard and dockside discharge. Pre-installed and tested fittings can rotate giving users flexibility.		
	Test mark	ISO 8099 compliant		

Product	Ref. No.
25 HTS-HRZ	322800251
30 HTS-HRZ	322840301
40 HTS-HRZ	322840401

Dometic 12 HTS / 15 HTS / 20 HTS

Holding Tank for Marine Toilets, Horizontal Installation 42 / 57 / 68 L

MODEL		12 HTS-HRZ	15 HTS-HRZ	20 HTS-HRZ
12 HTS-HRZ 15 HTS-HRZ 20 HTS-HRZ	Gross capacity	45 litres	57 litres	68 litres
	Material	Holding tank: polyethylene Fittings: polyvinyl chloride, ABS		
	Colour	Holding tank: natural Fittings: white		
	Dimensions (W × H × D)	387 × 273 × 622 mm	482.6 × 381 × 558.8 mm	361.95 × 355.60 × 717.55 mm
	Empty weight	9.1 kg	11.3 kg	12.2 kg
	Quality features	Leak-proof design. Odour-free design avoids unwanted smells. Durable 6.3 mm thick corrosion-resistant polyethylene walls (ISO/USCG compliant). Vacuum relief valve prevents damage from high-capacity dockside vacuum pumps. Two separate outlets for overboard and dockside discharge. Pre-installed and tested fittings can rotate giving users flexibility.		
	Test mark	ISO 8099 compliant		

Product	Ref. No.
12 HTS-HRZ	9108555498
15 HTS-HRZ	9108555500
20 HTS-HRZ	9108555502

Contents, specifications and availability are subject to change in the interests of technical improvement.

CLIMATE | FOOD & BEVERAGE | POWER & CONTROL | HYGIENE & SANITATION

THE POWER OF VACUUM

The most powerful and efficient vacuum source for mobile toilet systems, the Dometic vacuum generators offer more reasons than ever to install premium VacuFlush toilet systems. Installed outside of the toilet compartment, VacuFlush vacuum generators are much quieter than macerator toilet pumps. Powerful vacuum energy instantly clears the bowl when flushed, requiring minimal water when compared to macerator toilets.

VACUFLUSH VACUUM GENERATORS

Dometic S Series Low-Profile Vacuum Generator – VGLP

Ultra-quiet, remotely installed. The design accommodates diverse layout installations. Pre-assembled, vacuum verified and ready to install. Available in 12 V DC and 24 V DC models.
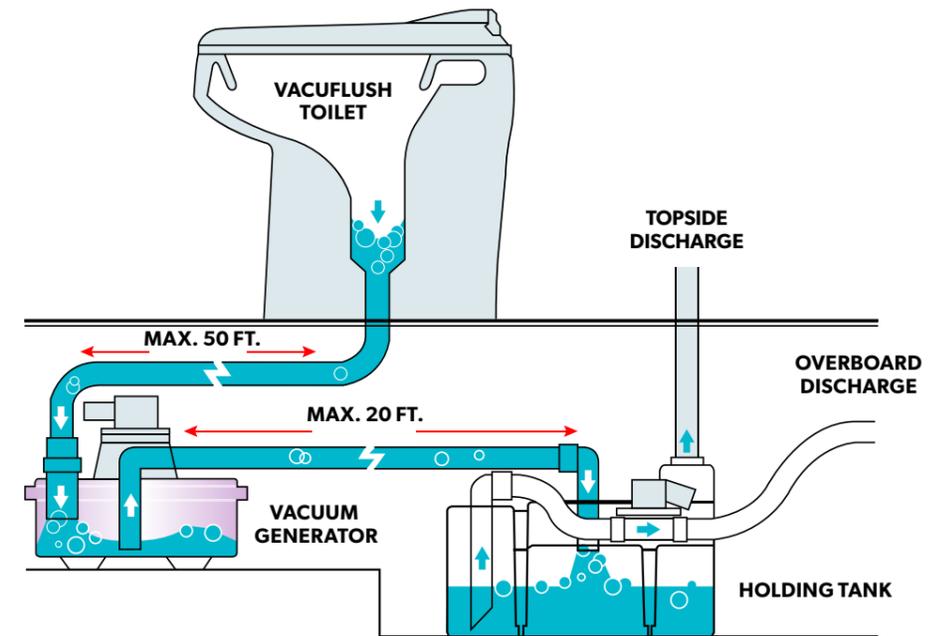
Dometic VG4 Vacuum Generator

Ultra-quiet, remotely installed. The design accommodates diverse layout installations. Large valves for enhanced flow and efficiency. Pre-assembled, vacuum verified and ready to install. Available in 12 V DC and 24 V DC models.

Dometic S Series Vacuum Pumps

Proven in thousands of motor yachts globally our bellows-style vacuum pump is ideal for powering VacuFlush toilets. Requires a separate vacuum accumulator tank (sold separately). Available in 12 V DC and 24 V DC models. Separate from vacuum tank for flexible installation. Can run dry without causing damage.

VACUFLUSH TOILET

TOPSIDE DISCHARGE

MAX. 50 FT.

OVERBOARD DISCHARGE

MAX. 20 FT.

VACUUM GENERATOR

HOLDING TANK

Contents, specifications and availability are subject to change in the interests of technical improvement.

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Dometic J-Series / S-Series

Vacuum Generators, 12 V or 24 V

MODEL	VGLP	VG4
Power draw (avg.)	6 A/12 V DC; 3 A/24 V DC	6 A/12 V DC; 3 A/24 V DC
Circuit breaker/fuse*	10 A/12 V DC; 5 A/24 V DC	10 A/12 V DC; 5 A/24 V DC
Inlet Plumbing ID Fitting	1.5 in / 38 mm sanitation hose or PVC pipe	1.5 in / 38 mm sanitation hose or PVC pipe
Inlet Plumbing Horizontal Run	50 ft / 15.2 m max. from toilet discharge	50 ft / 15.2 m max. from toilet discharge
Inlet Plumbing Vertical Run	6 ft / 1.8 m max. from toilet discharge	6 ft / 1.8 m max. from toilet discharge
Discharge Plumbing ID Fitting	1.5 in / 38 mm sanitation hose or PVC pipe	1.5 in / 38 mm sanitation hose or PVC pipe
Discharge Plumbing Horizontal Run	20 ft / 6.1 m max. to holding tank	20 ft / 6.1 m max. to holding tank
Discharge Plumbing Vertical Run	6 ft / 1.8 m max. to holding tank	6 ft / 1.8 m max. to holding tank
Required component	VacuFlush toilet[†]	VacuFlush toilet[†]
Product		**Ref. No.**
Dometic VGLP, 12 V		9108554934
Dometic VGLP, 24 V		9108554935
Dometic VG4, 12 V		9108554946
Dometic VG4, 24 V		9108554947

*   Requires separate circuit breaker or fuse from other electrical equipment.
†   Purchased separately. Electronic-flush VacuFlush toilets require separate electrical circuit. Refer to toilet specifications.

Dometic S-Series

Vacuum Pumps, 12 V or 24 V

MODEL	S-SERIES
Power draw (avg.)	6 A/12 V DC; 3 A/24 V DC
Circuit breaker/fuse*	10 A/12 V DC; 5 A/24 V DC
Inlet Plumbing ID Fitting	1.5 in / 38 mm sanitation hose or PVC pipe
Inlet Plumbing Horizontal Run	3 ft / 0.9 m max. from vacuum tank
Discharge Plumbing ID Fitting	1.5 in / 38 mm sanitation hose or PVC pipe
Discharge Plumbing Horizontal Run**	20 ft / 6.1 m max. to holding tank
Discharge Plumbing Vertical Run	6 ft / 1.8 m max. to holding tank
Required components	Vacuum tank, VacuFlush toilet[†]
Product	**Ref. No.**
Dometic SW Pump, 12 V	9108554750
Dometic SW Pump, 24 V	9108554752

*   Requires separate circuit breaker or fuse from other electrical equipment.
** Must be parallel to or lower than vacuum tank discharge outlet.
†   Purchased separately.

ACCESSORIES

TANK MONITOR SYSTEMS

Dometic DTM04
(Waste holding tank only)

Multi-level monitoring for waste holding, freshwater and greywater tanks.

- Monitors four levels in each tank; Includes one set of tank probes per tank monitored
- All panels monitor empty, low, mid and full levels
- Easily customized probe lengths to fit most tanks
- Optional relay to shut down the toilet when the waste holding tank is full

Ref. No: 9108554498 (45" stems)

Dometic DTM04F
(Freshwater tank only)

Multi-level monitoring for waste holding, freshwater and greywater tanks.

- Monitors four levels in each tank; Includes one set of tank probes per tank monitored
- All panels monitor empty, low, mid and full levels
- Easily customized probe lengths to fit most tanks
- Optional relay to shut down the toilet when the waste holding tank is full

Ref. No: 9108688941 (22" stems)

Dometic DTM08
(Waste Holding & Freshwater tanks)

Multi-level monitoring for waste holding, freshwater and greywater tanks.

- Monitors four levels in each tank; Includes one set of tank probes per tank monitored
- All panels monitor empty, low, mid and full levels
- Easily customized probe lengths to fit most tanks

Ref. No: 9108557654 (22" stems)
Ref. No: 9610000855 (45" stems)

Dometic DTM12
(Waste holding, freshwater & graywater tanks)

Multi-level monitoring for waste holding, freshwater and graywater tanks.

- Monitors four levels in each tank; Includes one set of tank probes per tank monitored
- All panels monitor empty, low, mid and full levels
- Easily customized probe lengths to fit most tanks

Ref. No: 9610002697 (45" stems)

Dometic DTM01P

Single-level tank monitor for holding tanks.

- Indicates when holding tank is full and toilet should not be flushed (to prevent overfilling)
- Low power usage, only 0.016 A
- Includes full-tank sensor

Ref. No: 9108688891

TANK DISCHARGE CONTROLS

Where overboard discharge of a water holding tank is permitted, Dometic's DTD controls offer options to control tank discharge operation.

- All models manually activate the pump to discharge holding tank contents directly overboard in unrestricted waters
- Keyed switch provides U.S. Coast Guard-approved security when the key is removed; no padlocks or other mechanical fasteners are required
- When integrated with a DTM04 tank monitor system, the discharge pump automatically shuts off when the tank is empty
- DTD02 panel provides a warning indicator and prevents discharge pump operation if the seacock is closed; prevents pump or boat damage
- DTD-A models can be set to automatic when integrated with a DTM04 tank monitor system

Dometic DTD 01

Tank discharge controls (manual/semi-automatic).

12 V | Ref. No: 9108554545
24 V | Ref. No: 9108554547

Dometic DTD 01A

Tank discharge controls (manual/automatic).

12 V | Ref. No: 9108554553
24 V | Ref. No: 9108554555

Dometic DTD 02

Tank discharge controls (manual/semi-automatic).

12 V | Ref. No: 9108554549
24 V | Ref. No: 9108554551

Dometic DTD 02A

Tank discharge controls (manual/automatic).

12 V | Ref. No: 9108554557
24 V | Ref. No: 9108554559

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Dometic DTM04 / DTM04F / DTM08 / DTM12

Multi-Level Tank Monitor with or without Ventilation

Voltage	12 / 24 V DC
Current consumption	12 V DC: 8 mA, 24 volts DC: 4 mA
Required circuit protection	1 A breaker / fuse
Material	Frame: ABS, Panel: polycarbonate resin; Cap: PVC, Float: nitrile rubber ebonite
Colour	Frame and panel: black, Cap: white
Dimensions (W × H × D)	Panel: 83 × 83 × 10 mm
Weight	0.45 kg
Quality features	Monitors four levels in waste tank; includes one set of tank probes. All panels monitor empty, low, mid, and full levels. Full-tank shutdown option prevents overflow. Monitor panel available in black or white. 12 V DC or 24 V DC operation. Continuous light indicates power is on. Probe assembly options fit tanks up to 22 in (55.9 cm) and 45 in (114.3 cm) tall.
Test mark	ISO 8846, EMC Directive 2004/108/EC

Product	Ref. No.
Dometic DTM04, with ventilation	9108554495
Dometic DTM04, without ventilation	9108557646
Optional extras	
12-V-relay	9107100013
24-V-relay	9107100014
Dometic DHT, Tank Flange Kit	9108553349

Dometic DTM01P

Single-Level Tank Monitor for Holding Tanks

Voltage	12 / 24 V DC
Current consumption	0.016 A
Required circuit protection	0.5 A breaker / fuse
Material	Frame: ABS; Panel: polyester; Cap: PVC; Float: nitrile rubber ebonite
Colour	Frame and panel: black; Cap: white
Dimensions (W × H × D)	Panel: 83 × 51 × 10 mm
Weight	0.11 kg
Quality features	Indicates when holding tank is full and toilet should not be flushed (to prevent overfilling). Low power usage, only 0.016 A. Includes full-tank sensor. Complements other SeaLand and Dometic panels and controls.
Test mark	ISO 8846, EMC Directive 2004/108/EC

Product	Ref. No.
Dometic DTM01P	9108688891
Optional extras	
Dometic DHT, Tank Flange Kit	9108553349

Dometic DTD01 / DTD02

Tank Discharge Control for DTM04 Tank Monitor, 12 V or 24 V

MODEL	DTD01 – 12 V DC	DTD01 – 24 V DC	DTD02 – 12 V DC	DTD02 – 24 V DC
Voltage	12 V DC	24 V DC	12 V DC	24 V DC
Current consumption	0.16 A	0.095 A	0.16 A	0.095 A
Required circuit protection	1 A breaker / fuse			
Material	Frame: ABS, Panel: polycarbonate resin			
Colour	Black			
Dimensions (W × H × D)	83 × 83 × 57 mm			
Weight	0.18 kg			
Quality features	Takes control to stop accidental discharge. Allows manual or semi-automatic discharge when when connected to a DTM04 (please be aware this feature should be used in unrestricted waters). Eradicates the need for Y valves, making plumbing simple.			
Test mark	ISO 8846, EMC Directive 2004/108/EC			

Product	Ref. No.
Dometic DTD01, 12 V	9107100011
Dometic DTD01, 24 V	9107100012
Dometic DTD02, 12 V	9108554549
Dometic DTD02, 24 V	9108554551

Dometic DTD01A / DTD02A

Tank Discharge Automatic Control for DTM04 Tank Monitor, 12 V or 24 V

MODEL	DTD01A – 12 V DC	DTD01A – 24 V DC	DTD02A – 12 V DC	DTD02A – 24 V DC
Voltage	12 V DC	24 V DC	12 V DC	24 V DC
Current consumption	0.16 A	0.095 A	0.16 A	0.095 A
Required circuit protection	1 A breaker / fuse			
Material	Frame: ABS, Panel: polycarbonate resin			
Colour	Black			
Dimensions (W × H × D)	83 × 83 × 57 mm			
Weight	0.18 kg			
Quality features	Takes control to stop accidental discharge. Allows manual or fully automatic discharge when when connected to a DTM04 (please be aware this feature should be used in unrestricted waters). Eradicates the need for Y valves, making plumbing simple.			
Test mark	ISO 8846, EMC Directive 2004/108/EC			

Product	Ref. No.
Dometic DTD01A, 12 V	9108554553
Dometic DTD01A, 24 V	9108554555
Dometic DTD02A, 12 V	9108554557
Dometic DTD02A, 24 V	9108554559

Contents, specifications and availability are subject to change in the interests of technical improvement.

PREMIUM SANITATION HOSES

Dometic offers a complete selection of grades and sizes in our sanitation hose range. OdorSafe® Plus hose continued to prove its superior quality when compared to other "No Odour" hoses, delivering long-lasting protection against odour permeation. Our more flexible MaxFlex™ hose solution provides excellent odour permeation protection while being more flexible for challenging hose routings.

Dometic OdorSafe® Plus

Sanitation Hose.

- Best odour barrier of any marine hose
- Standard hose used on all pre-plumbed Dometic holding tank systems
- Available in 50 ft. (15.2 m) coils only

Ref. No: 9107100015

Dometic MaxFlex™

Sanitation hose.

- Outstanding flexibility allows for tight corners without restricting flow
- High strength, yet easy clamping for airtight connections
- Excellent odour barrier provides peace of mind

Ref. No: 9107100016 (1.5 in/38 mm ID x 50 ft/15.2 m)
Ref. No: 9107100017 (1 in/25 mm ID x 50 ft/15.2 m)
Ref. No: 9108553340 (0.75 in/19 mm ID x 100 ft/30.4 m)
Ref. No: 9108553347 (0.625 in/16 mm ID x 100 ft/30.4 m)

SANITATION PUMPS

Dometic TW Series
Waste discharge pump

For premium holding tank discharge performance, Dometic TW Series pumps provide unsurpassed quality and reliability. Unlike impeller-type macerator pumps, the bellows-style TW pump can run dry without the threat of damage and draws only 6 amps at 12 V DC.

- Produces 300 gph/1136 lph flow rate
- Runs dry without harm (prevents motor burn-up)
- Self-priming to 10 feet/3.3 m of water
- Integrates with Dometic Tank Discharge (DTD) control systems

12 V | Ref. No: 9107100006
24 V | Ref. No: 9107100007

Dometic PowerPump
Water pump

PowerPump pressurised water pumps from Dometic are self-priming, can run dry without being damaged, and are energy-efficient and quiet. Scope of delivery includes a filter and three 12.5 mm (1/2 in) hose connectors. Easy to install.

- Powerful yet quiet and economical
- Self-priming – can be placed above water tank
- Runs dry without damage
- Maintenance-free diaphragm design

PP127 (7 L/min, 12 V) | Ref. No: 9600000455
PP1210 (10 L/min, 12 V) | Ref. No: 9600000456
PP1217 (17 L/min, 12 V) | Ref. No: 9600000457

Dometic OdourSafe Plus 38

Sanitation Hose, 15 m

Material	Flexible polyvinyl chloride
Colour	White
Operating pressure	6 bar
Diameter (Ø) inner / outer	38 / 47 mm
Wall thickness	4.1 mm
Inside bend radius	190.5 mm
Hose length	15 m
Weight	710 g/m
Working temperature	−17 to +65 °C
Quality features	Best odour barrier of any marine sanitation hose. Standard hose on Dometic tanks with pre-plumbed components. Five-year limited warranty: two years on hose replacement and labour; three additional years on hose only.

Product	Ref. No.
Dometic OdourSafe Plus 38	9107100015

Dometic MaxFlex 38 / 25 / 19 / 16

Sanitation Hose, 15 m

MODEL	MAXFLEX 38	MAXFLEX 25	MAXFLEX 19		MAXFLEX 16	
Material	Flexible polyvinyl chloride					
Colour	White					
Operating pressure	4 bar	6 bar	8 bar		8 bar	
Diameter (Ø) inner/outer	38.4 / 46.5 mm	25.6 / 31.7 mm	19.4 / 23.8 mm		16.0 / 21.1 mm	
Wall thickness	4.1 mm	3.0 mm	2.2 mm		2.6 mm	
Inside bend radius	152 mm	102 mm	78 mm		65 mm	
Hose length	15.2 m	15.2 m	15.2 m	30.4 m	15.2 m	30.4 m
Weight	700 g/m	340 g/m	200 g/m		190 g/m	
Working temperature	−17 to +65 °C					
Quality features	A highly flexible hose for multiple sanitation requirements. Easy installation. Available in various sizes depending on usage. Not suitable for drinking water.					

Product	Ref. No.
Dometic MaxFlex 38, 15.2 m coil	9107100016
Dometic MaxFlex 25, 15.2 m coil	9107100017
Dometic MaxFlex 19, 30.4 m coil	9108553340
Dometic MaxFlex 16, 30.4 m coil	9108553347

Dometic T-Series / TW-Series Discharge Pump

Holding Tank Discharge pump, 12 V or 24 V

MODEL	T-SERIES	TW-SERIES
Flow rate	1130 L/h	1130 L/h
Material	PP	PP
Voltage	12 or 24 V DC	12 or 24 V DC
Consumption	6 A / 3 A	6 A / 3 A
Required circuit protection	10 A / 5 A breaker / fuse	10 A / 5 A breaker / fuse
Dimensions (W × H × D)	171 × 197 × 349 mm	171 × 197 × 349 mm
Hose connection	38 mm ID sanitation hose	38 mm ID sanitation hose
Weight	3.2 kg	3.5 kg
Test marks	ISO 8846, EMC Directive 2004/108/EC	
Scope of delivery	Waste discharge pump, 1" reduction, instruction manual	
Quality features	Self-priming – can be placed above water tank. Quiet operation. Thermally protected motor.	Quiet operation, long-lasting bellows design, dry self-priming.

Product	Ref. No.
Dometic T-Series, 12 V	9108554778
Dometic T-Series, 24 V	9108554779
Dometic TW-Series, 12 V	9107100006
Dometic TW-Series, 24 V	9107100007

Dometic PowerPump

Pressurised Water pump, 12 V

MODEL	PP127	PP1210	PP1217
Flow rate	7 L/min	10 L/min	17 L/min
Material	Metal / PP	–	–
Voltage	12 V DC	12 V DC	12 V DC
Consumption	–	–	max. 6 A
Required circuit protection	10 A	10 A	25 A
Dimensions (W × H × D)	210 × 98.5 × 87.5 mm	210 × 98.5 × 87.5 mm	210 × 98.5 × 87.5 mm
Hose connection	–	–	–
Cut-off pressure	1.4 bar / 2.2 Ah	2.1 bar / 3.0 Ah	2.8 bar / 6.0 Ah
Weight	1.8 kg	1.8 kg	2.4 kg
Test marks	–	–	–
Scope of delivery	Pump, coarse filter, strainer with 1/2" hose connector, 1/2" straight hose connector, 1/2" 90° elbow hose connector, 1/2" straight thread, fastening feet, plugs, installation manual		
Quality features	High-performance pump, four-chamber diaphragm design – maintenance free, self-priming, runs dry without damage, fast and easy installation of strainer and fittings, low-noise operation, low energy consumption		

Product	Ref. No.
Dometic PowerPump 127	9600000455
Dometic PowerPump 1210	9600000456
Dometic PowerPump 1217	9600000457

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PREMIUM FLUSH SWITCHES

Dometic VFS

Flush switch panel for electronic premium MasterFlush® toilets.

Ref. No: 9108782199

Dometic DFS

Flush switch panel for electronic premium MasterFlush® toilets.

Ref. No: 9108782202

TANK ACCESSORIES

Dometic Tank Saver

Safety vacuum relief valve for holding tanks. Ensures tank integrity during pump out.

Ref. No: 9108554455

Dometic DVF

Vent filter for holding tanks. Effectively removes odours from vented air flowing from holding tank.

Ref. No: 9108849515

TOILET ACCESSORIES

Dometic Dryroll

Water-tight tissue dispenser.

- Waterproof when closed
- Automatic paper delivery and rewind mechanism
- Hard-wearing molded ABS plastic

Ref. No: 9600024493

Dometic Brush & Stow Cleaning Brush

Award-winning toilet brush.

- Small brush head for smaller marine toilet rims
- Wall-mounted container for a secure hold during the journey
- Push-release for non-contact brush head replacement

Ref. No: 9600005999

Contents, specifications and availability are subject to change in the interests of technical improvement.

CONVENIENCE PRODUCTS

Specially designed to be dependable during use but dissolve quickly once flushed, Dometic's "Ultra Dissolving" toilet tissue will provide a free-flowing, easy-discharging Marine toilet system.

- Extra soft 2-ply comfort in a rapid-dissolving tissue
- Breaks up quickly to prevent clogs
- Made of 100% recycled fibers

AMERICAS ONLY

AMERICAS ONLY

2-ply Ultra Dissolving Toilet Tissue Single Roll

Toilet tissue.

Ref. No: 9108557753

2-ply Ultra Dissolving Toilet Tissue 4-pack

Toilet tissue.

Ref. No: 9108557728

Note: Product and colour availability is subject to geographies/regions – please enquire with your Dometic Sales representative.

SANITATION SYSTEM SUPPLIES

AMERICAS ONLY

Dometic Max Control – Natural Holding Tank Treatments

Get powerful, long-lasting odour control with this complete line of "Natural" formula products. Developed with the full waste lifecycle in mind, our treatment is California compliant and keeps working long after the waste has been transferred to a septic or municipal waste system. These additives keep the entire toilet system in optimal working condition. Line of liquid and pod solutions to treat marine black and grey water holding tanks.

- Enhances beneficial bacteria in waste transfer sites (septic tank/waste treatment facility), helping the process of waste breakdown
- Contains a highly effective odour controlling beneficial bacteria-based technology
- Breaks down waste and toilet tissue for clog-free performance, including discharge
- Has a light, appealing fragrance for open system applications (portables and gravity toilets)
- Works in black and grey water tanks
- Concentrated formula requires less packaging material per dose than most competitors' Enzyme products
- Formaldehyde and Bronopol free

Max Control Natural 1 gallon/3.8 L

Holding tank treatment.

Ref. No: 9620000722

Max Control Natural 32oz/1 L

Holding tank treatment.

Ref. No: 9620000728

Max Control Natural 6-pack of 4oz/118 ml bottles

Holding tank treatment.

Ref. No: 9620000729

Max Control Natural 12-pack of drop-in pods

Holding tank treatment.

Ref. No: 9620000730

Contents, specifications and availability are subject to change in the interests of technical improvement.

CLIMATE

FOOD & BEVERAGE

POWER & CONTROL

HYGIENE & SANITATION

Dometic Tank Saver

Safety Relief Valve for Holding Tanks

Description	Protects holding tanks from excessive suction of dockside pumps during holding tank pump-out.
Quality features	• Installs easily – no sealant or spinweld required • Excellent odour seal

Product	Ref. No.
Dometic TankSaver	9108554455

Dometic DVF

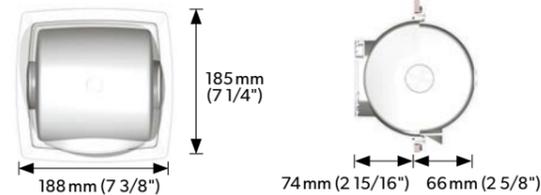Vent Filter for Holding Tanks

Description	The vent filter absorbs holding tank vent odours and keeps the surrounding air clean and pleasant.
Quality features	• Dispels the need to use harmful chemicals • The most effective odour absorbing filter material used • Fresh and clean air the environmentally friendly way
Dimensions (W × H × D)	74.61 × 74.61 × 464 mm

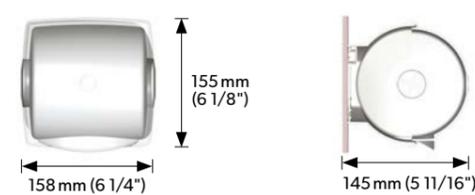| Product	Ref. No.
Dometic DVF	9108849515

Dometic Dryroll

Tissue Dispenser

Quality features	• Waterproof when closed • Automatic paper delivery and rewind mechanism • Hard-wearing molded ABS plastic

Product	Ref. No.
Dometic Dryroll	9600024493

Recessed mounted

185 mm (7 1/4")
188 mm (7 3/8")
74 mm (2 15/16")   66 mm (2 5/8")

Surface mounted

155 mm (6 1/8")
158 mm (6 1/4")
145 mm (5 11/16")

Dometic Brush & Stow

Toilet Cleaning Brush

Dimensions (W × H × D)	87 × 320 × 87 mm
Quality features	• Small brush head – custom designed for compact travel toilets • Wall-mounted container for a secure hold during the journey • Push-release for non-contact brush head replacement

Product	Ref. No.
Dometic Brush & Stow	9600005999
Dometic Brush & Stow spare brush set	9600010209

Dometic Max Control Natural

Holding Tank Treatment

	1 gal/3.8 L Bottle	32 oz/1 L Bottle	6-pack, 4 oz/118 ML Bottles	12-pack, Drop-In Pods
Type	Liquid	Liquid	Liquid	Dry/pod
Dose	4 oz / 40 gal	4 oz / 40 gal	4 oz / 40 gal	1 pod/ 40 gal

Product	Ref. No.
Dometic Max Control Natural 1 gal/3.8 L	9620000722
Dometic Max Control Natural 32 oz/1 L	9620000728
Dometic Max Control Natural 6-pack of 4oz/118 ml bottles	9620000729
Dometic Max Control Natural 1 gal/3.8 L	9620000730

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DOMETIC'S WORLDWIDE SERVICE NETWORK

The World's Largest Marine Service Network

Dometic Marine has an extensive global network of dealers and service partners across 100 countries. Whether you are out on a lake or in a larger body of water, Dometic Marine are here to help in the event one of your products becomes faulty.

All Dometic service partners are proficiently trained and equipped with the tools and skills needed to find or fix the perfect onboard solution using existing, newly developed products or a combination of the two. In the event you have a bespoke product, our technical sales engineers will gather your specifications and design a solution that works best for you. The combination allows Dometic to offer hassle-free servicing, installations, and repairs for your Dometic appliances.

Should you require service support, please visit our Service Locator on **Dometic.com** to find your local service partner. Alternatively, should you have any questions or cannot find what you are looking for, please contact your local Dometic Sales Representative.

AUSTRALIA
Dometic Australia Pty Ltd
1 John Duncan Court
Varsity Lakes QLD 4227
Tel   +61 7 55076000
Fax   +61 7 55076001
Mail   sales@dometic-waeco.com.au

FRANCE
Dometic SAS
6 Avenue du Poteau
Bâtiment B1
60300 Chamant
Tel   +33 3 44633525
Fax   +33 3 44633518
Mail   info@dometic.fr

GERMANY
Dometic Germany GmbH
Hollefeldstraße 63
D-48282 Emsdetten
Tel   +49 (0) 2572 879-0
Fax   +49 (0) 2572 879-300
Mail   info@dometic-waeco.de

HONG KONG
Dometic Group Asia Pacific
Suites 2207-11, 22/F, Tower 1
The Gateway, 25 Canton Road
Tsim Sha Tsui, Kowloon
Tel   +852 2 4611386
Fax   +852 2 4665553
Mail   info@waeco.com.hk

ITALY
Dometic Italy S.R.L.
Via Virgilio, 3
I-47122 Forli (FC)
Tel   +39 0543 754901
Fax   +39 0543 754983
Mail   vendite@dometic.it

ITALY
Dometic Italy Marine S.R.L.
Via Vesuvio, 18
20834 Nova Milanese (MB)
Tel   +39 0362 44 182
Fax   +39 0362 45 2226
Mail   condaria@dometic.it

JAPAN
Dometic KK
Maekawa-Shibaura, Bldg. 2
2-13-9 Shibaura Minato-ku
Tokyo 108-0023
Tel   +81 3 5445 3333
Fax   +81 3 5445 3339
Mail   info@dometic.jp

NETHERLANDS
Dometic Benelux B.V.
Innovatiepark 12,
4906 AA Oosterhout
Tel   +31 76 5029000
Fax   +31 76 5029019
Mail   info@dometic.nl

NEW ZEALAND
Dometic New Zealand Ltd.
PO Box 12011
Penrose
Auckland 1642
Tel   +64 9 622 1490
Fax   +64 9 622 1573
Mail   customerservices@dometic.co.nz

POLAND
Dometic Poland
Poleczki 35, (Amsterdam building)
02-822 Warszawa
Tel   +48 22 414 3200
Fax   +48 22 414 3201
Mail   info@dometic.pl

PORTUGAL
Dometic Spain, S.L.
Branch Office em Portugal
Rot. de São Gonçalo nº 1–Esc. 12
2775-399 Carcavelos
Tel   +351 219 244 173
Fax   +351 219 243 206
Mail   info@dometic.pt

SINGAPORE
Dometic Pte Ltd
18 Boon Lay Way
06-141 Trade Hub 21
Singapore 609966
Tel   +65 6795 3177
Fax   +65 6862 6620
Mail   dometic@dometic.com.sg

SOUTH AFRICA
Dometic (Pty) Ltd
Regional Office South Africa &
Sub-Saharan Africa
2 Avalon Road, West Lake View
Ext 11, Modderfontein 1645
Tel   +27 87 3530380
Mail   info@dometic.co.za

SPAIN
Dometic Spain, S.L.
Avda. Sierra del Guadarrama, 16
E-28691 Villanueva de la Cañada
Madrid
Tel   +34 91 833 60 89
Fax   +34 900 100 245
Mail   info@dometic.es

SWEDEN
Dometic Scandinavia AB
Östra Ringvägen 2
522 35 Tidaholm
Tel   +46 31 7341100
Fax   +46 31 7341101
Mail   info@dometicgroup.se

UNITED ARAB EMIRATES
Dometic Middle East FZCO
P.O. Box 17860
S-D 6, Jebel Ali Freezone
Dubai
Tel   +971 4 883 3858
Fax   +971 4 883 3868
Mail   info@dometic.ae

UNITED KINGDOM
Dometic UK Blind Systems Ltd
Atlantic House, 1–3 Ellis Square
Selsey, West Sussex PO20 0AY
Tel   +44 124 360 6909
Mail   blindsystems@dometic.com

UNITED KINGDOM
Dometic UK Ltd
Dometic House, The Brewery,
Blandford St. Mary
Dorset DT11 9LS
Tel   +44 344 626 0133
Fax   +44 344 626 0143
Mail   marine@dometic.co.uk

USA
Dometic Marine
2000 N Andrews Avenue
Pompano Beach, FL 33069
Tel   +1 954 973 2477
Fax   +1 954 979 4414
Mail   marinesales@dometic.com

USA
Dometic Marine
1 Sierra Place
Litchfield, IL 62056
Tel   +1 877 663 8396
Fax   +1 217 324 4396

We distribute our products in around 100 markets.
Please ask for your contact point if not listed here,
or check our website Dometic.com

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