

GUIDE

# PLEASURE BOAT PRODUCTS BUYING GUIDE

EVERYTHING YOU NEED TO KNOW



Mobile living made easy.

 **DOMETIC**

# 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 – whether you're an RV user, a boat owner, a truck driver or just a lover of the great outdoors. 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.





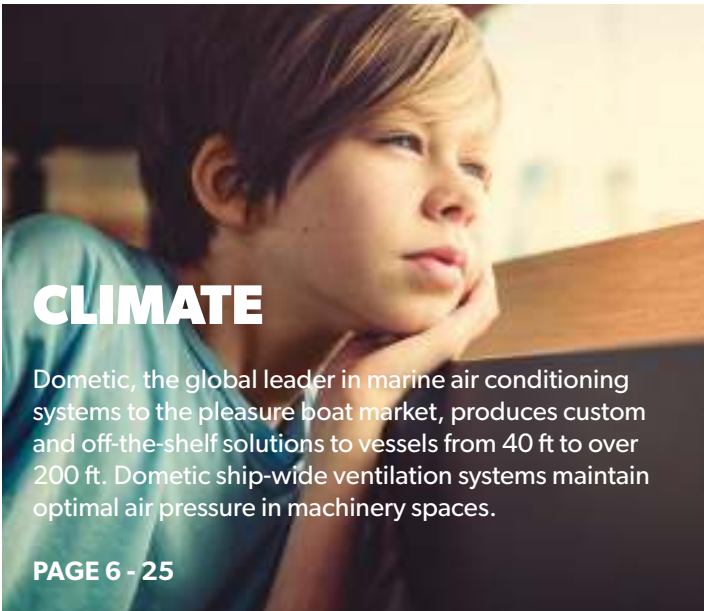


# YOUR SINGLE-SOURCE SOLUTION

## MARINE A/C & VENTILATION, REFRIGERATION, SANITATION, & REVERSE-OSMOSIS SYSTEMS

From HVAC to sanitation, Dometic has a wide range of off-the-shelf products that meet the needs of many vessels. However, if a customized solution is needed, our technical sales engineers will gather your specifications and interact directly with our award-winning engineering team to innovate the right system to satisfy your requirements.

Dometic has an unmatched support network of company-owned offices throughout the world which are served by numerous marine R&D facilities and factories. Factory-authorized distributors, dealers and service engineers in over 100 countries provide service in the field, giving Dometic the world's largest marine sales and support network.



## CLIMATE

Dometic, the global leader in marine air conditioning systems to the pleasure boat market, produces custom and off-the-shelf solutions to vessels from 40 ft to over 200 ft. Dometic ship-wide ventilation systems maintain optimal air pressure in machinery spaces.

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## CLIMATE

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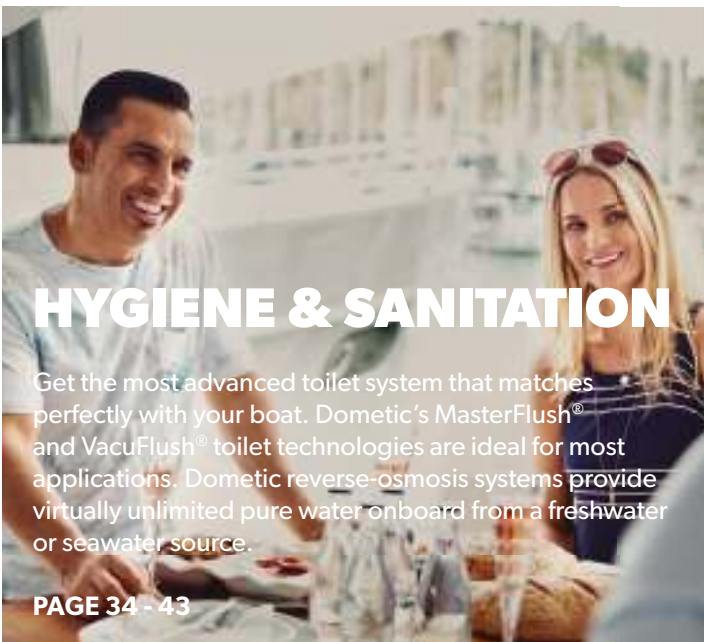
## FOOD & BEVERAGE

Dometic offers a wide selection of built-in and portable refrigerator/freezers, as well as specialized refrigeration solutions for many types of vessels – particularly sportfish yachts and center-console boats.

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## FOOD & BEVERAGE

Eskimo Ice Systems & Custom Refrigeration	26 - 29
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## HYGIENE & SANITATION

Get the most advanced toilet system that matches perfectly with your boat. Dometic's MasterFlush® and VacuFlush® toilet technologies are ideal for most applications. Dometic reverse-osmosis systems provide virtually unlimited pure water onboard from a freshwater or seawater source.

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## HYGIENE & SANITATION

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# TURBO SELF-CONTAINED A/C

POWERFUL, QUIET AND COMPACT

INCREASED EFFICIENCY  
SAVES POWER

MORE COOLING  
HIGHER CAPACITY

SAVES SPACE  
COMPACT DESIGN



115V/60HZ/1-PH  
230V/60HZ/1-PH  
220-240V/50HZ/1-PH



6,000 -  
16,000 BTU

The Turbo series is specifically engineered to harness and maximize the performance of environmentally friendly R410A refrigerant. The higher efficiency and increased capacity make Turbo air conditioners the ideal solution for your marine climate needs.

# QUIET COOL

The Turbo series completely revolutionized self-contained air conditioning with patented innovations, winning the IBEX Innovation Award in 2007.

The rust-free composite drain pan has three drains for the rapid removal of condensate water. The optional Turbo sound cover provides up to 50% further noise reduction.

## TURBO BENEFITS

- Up to 27 % more energy efficient
- Up to 21 % increased capacity
- Designed from the inside out with multiple patented innovations
- Up to 85 % less standing water in the drain pan
- Vibration-isolation mounts reduce noise and vibration
- Engineered to maximize the performance of environmentally safe R410A refrigerant
- Redesigned composite drain pan is stronger with beefed-up drain threads to resist cracking



## QUIET

Vibration-isolation mounting clips reduce vibration and noise

## UPGRADE

Optional sound cover further reduces compressor noise by up to 50%

## WORRY FREE

Composite drain pan will not rust





12V



3,500 BTU

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



115V/60HZ/1-PH  
230V/60HZ/1-PH



6,000 -  
16,000 BTU

## ENVIROCOMFORT RETROFIT AIR CONDITIONING KITS

Designed as a DIY drop-in replacement, value-priced EnviroComfort retrofit kits provide 6,000, 10,000 or 16,000 BTUs of cooling and heating. Complete A/C system installation kits are available.

- High-velocity, rotatable blower for horizontal or vertical duct connection
- Environmentally safe R410A refrigerant
- Compact Dometic digital display control
- Plastic remote electrical box for convenience in mounting
- Stainless-steel drain pan
- Pre-installed return-air filter, easily removable and cleanable
- Small, compact, space-saving design



## LOW-PROFILE SELF-CONTAINED A/C

Low-profile self-contained boat air conditioner is 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 of R410A, an environmentally safe refrigerant
- 304-grade stainless-steel drain pan for long service life



115V/60HZ/1-PH  
230V/60HZ/1-PH  
220-240V/50HZ/1-PH



16,000 BTU

## HIGHER-CAPACITY COMPACT SELF-CONTAINED 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



115V/60HZ/1-PH  
230V/60HZ/1-PH  
220-240V/50HZ/1-PH  
380V/50HZ/3-PH



18,000 -  
30,000 BTU

# EMERALD CONDENSING UNITS

INNOVATIVE CHASSIS CONQUERS INSTALLATION CHALLENGES

**SQUARE CHASSIS**  
EASY INSTALLATION

**3 MOUNTING OPTIONS**  
ADAPTABLE

**ECO-FRIENDLY**  
R410A REFRIGERANT



115V/60HZ/1-PH  
230V/60HZ/1-PH OR 3-PH  
220-240V/50HZ/1-PH  
460V/60HZ/3-PH  
380V/50HZ/3-PH



6,000 -  
72,000 BTU

This condenser has 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.

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.

### EMERALD 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
- Reversing valve, pressure switches, and service ports centrally located for easy maintenance access from any side



### SQUARE CHASSIS

Compact base fits in more spaces



### VIBRATION ISOLATION

Minimizes noise and vibration



### COMPOSITE DRAIN PAN

Durable and rust free



### EASY ACCESS

Easy maintenance access from any side



115V/50 OR 60HZ  
230V/50 OR 60HZ



4,000 -  
16,000 BTU

## EMERALD TURBOVAP R410A 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
- 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



115V/50 OR 60HZ  
230V/50 OR 60HZ



4,000 -  
16,000 BTU

## TURBOVAP R22 OR R417A EVAPORATING UNITS

Based on the innovative engineering advancements of the award-winning Dometic Turbo self-contained air conditioning system, the TurboVap has an enclosed blower motor, better noise reduction, and easily rotated blowers. It offers improved installation ease and flexibility.

- Up to 15 minutes faster to install
- Rust-free composite drain pan
- Can be used with R22 or R417A condensers
- Drain pan features anti-slosh, “positive flow” drain channels for no rapid removal of condensate
- Single adjustment screw for 270° of blower rotation
- Vibration-isolation mounts reduce noise and vibration

## EBE R410A 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 air flow across the coil
- Blower support bracket with cushioned mounts reduce noise and vibration



230V/50 OR 60HZ



18,000 -  
24,000 BTU

## EBLE R410A 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



115V/50 OR 60HZ  
230V/50 OR 60HZ



12,000 -  
36,000 BTU

# VARIABLE CAPACITY CHILLERS

SMOOTH TRANSITIONS AS NEEDED FROM 12,000 TO 48,000 BTUS OR 24,000 TO 72,000 BTUS

**VARIABLE CAPACITY**  
1 TO 4 TONS OR 2 TO 6 TONS

**STEADY OPERATION**  
MAXIMUM EFFICIENCY

**PRECISE CONTROL**  
ELECTRONIC EXPANSION VALVE



208-230/  
50 OR 60HZ/1-PH



24,000 -  
72,000 BTU

Varies capacity across system's BTU range as thermal load changes to maximize chiller efficiency and reduce electrical load fluctuations.

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 in order 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 CHILLER BENEFITS

- Variable capacity through 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
- Easy, flexible plumbing configurations with less depth needed



### SPACE SAVING

Compact footprint



### ADJUSTABLE

Select from 3 user-adjustable amp limits: Econo, Standard, or Boost



### SAFETY MONITORING

Electronic expansion valve for precise control of superheat



### EASY TO INSTALL

Easy, flexible plumbing configurations with less depth needed

# MCGX TITANIUM CHILLERS

COMPACT BASE & TITANIUM DURABILITY

**ULTRA DURABLE**  
TITANIUM CONDENSER

**ECO-FRIENDLY**  
R410A REFRIGERANT

**DIGITAL CONTROLLER**  
MONITOR & PROTECT



230V/60HZ/1-PH OR 3-PH  
220-240V/50HZ/1-PH  
460V/60HZ/3-PH  
380V/50HZ/3-PH



24,000 -  
180,000 BTU

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 140 °F/60 °C, these condensing units can be installed in any convenient location.



Marine Air MCGX modular chillers use titanium condensers to greatly increase durability and product lifespan. 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 extends service life and is unaffected by the corrosion and erosion of the harsh marine environment.

### MCGX TITANIUM CHILLER BENEFITS

- 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 140 °F/60 °C
- Monitored and protected by Dometic's exclusive Digital Diagnostic Controller (DDC)



#### DURABLE

Titanium condenser dramatically increases product lifespan



#### EXPANDABLE

Up to six modules can be staged



#### EASY TO INSTALL

Hermetically sealed and pre-charged with environmentally friendly R410A refrigerant



#### SAFETY MONITORING

Features freeze controls, high-limit switches, high and low aquastats and timers



#### SPACE SAVING

Can be installed in any convenient location



#### ROBUST

Unaffected by vibration, moisture or ambient temperatures up to 140° F/60° C



230V/60HZ/1-PH OR 3-PH  
220-240V/50HZ/1-PH  
460V/60HZ/3-PH  
380V/50HZ/3-PH

16,000 -  
24,000 BTU

## CHGX MODULAR TITANIUM CHILLERS

CHGX chillers feature the same footprint as the older-style CHCs, and the chilled water, seawater, and drain connection locations are also the same, making it an ideal “drop-in” replacement.

- Titanium condenser dramatically increases product lifespan
- Compact footprint for installation flexibility
- Thermodynamically-matched components assure maximum performance
- High-efficiency rotary or scroll compressors
- Includes hot-gas bypass for heat mode operation in water temperatures as low as 40 °F/4 °C



230V/60HZ/1-PH OR 3-PH  
220-240V/50HZ/1-PH  
460V/60HZ/3-PH  
380V/50HZ/3-PH

24,000 -  
72,000 BTU

## TWCX 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

## 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 or painted aluminum drain pan
- Removable PVC water headers that resist corrosion and erosion



230V/60HZ/1-PH OR 3-PH  
220-240V/50HZ/1-PH  
460V/60HZ/3-PH  
380V/50HZ/3-PH

36,000 -  
180,000 BTU

## MTDX MODULAR TITANIUM CHILLERS

Engineered for optimal use of the environmentally safe R410A refrigerant. Provides installation flexibility, reliability, maximum performance and easy accessibility for maintenance and repair.

- Titanium condenser dramatically increases product lifespan
- Modular design for installation flexibility
- Reverse-cycle unit cools and heats
- Scroll compressors standard
- Larger drain fittings for faster condensate drainage
- Stainless steel-reinforced seawater connections
- Flexible hose improves connection alignment



230V/60HZ/1-PH OR 3-PH  
220-240V/50HZ/1-PH  
460V/60HZ/3-PH  
380V/50HZ/3-PH

24,000 -  
120,000 BTU



115V/50 OR 60HZ  
230V/50 OR 60HZ



6,000 -  
24,000 BTU

## 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



115V/50 OR 60HZ  
230V/50 OR 60HZ



6,000 -  
24,000 BTU

## 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

## 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
- Bypass valve has removable power head for simple servicing
- 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



115V/50 OR 60HZ  
230V/50 OR 60HZ



6,000 -  
24,000 BTU



115V/50 OR 60HZ  
230V/50 OR 60HZ



18,000 -  
36,000 BTU

## 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



115V/50 OR 60HZ  
230V/50 OR 60HZ



18,000 -  
36,000 BTU

Breathe Easy  
In-Duct Air Purifier



115V/60HZ  
220V/50HZ  
230V/60HZ

Breathe Easy  
Portable Air Purifier



12V  
115V/60HZ  
220V/50HZ  
230V/60HZ

## BREATHE EASY™ AIR PURIFIERS

Breathe Easy air purifiers use innovative photocatalytic nano-mesh technology with ultraviolet (UV) light to improve your boat's air quality.

- Reduce the odors of tobacco smoke, mildew, mustiness, chemical vapors, and toilets
- Use an intense UV light that produces no harmful ozone
- Cleaner air may lessen allergy and asthma symptoms

## AIR DISTRIBUTION COMPONENTS

Dometic offers supply- and return-air grilles, flexible insulated duct, and transition boxes to complete your boat's air conditioning system.

- Supply- and return-air grilles available in a wide assortment of dimensions, styles, and materials
- Flexible insulated duct available in a wide range of diameters and lengths
- Aluminum or vacuum-formed ABS plastic transition boxes



115V/50 OR 60HZ  
208-240V/50 OR  
60HZ

## SMARTSTART™ II SOFT STARTER

Reduces boat air conditioning startup spikes.

- Reduces strain on the power source
- Reduces brown-out effects at compressor start-up
- May enable an inverter to power the air conditioner
- May eliminate the need to upgrade the generator



115V/50 OR 60HZ  
230V/50 OR 60HZ

## CENTRIFUGAL SEAWATER PUMPS

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

- Magnetic-drive impeller means no seal to wear, leak, or repair
- Exclusive marine-grade base
- Efficient motor with low power consumption



### PILOT-HOUSE 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



### AUXILIARY IN-DUCT ELECTRIC HEAT

Provide additional heating when the boat is in extremely cold seawater.

- Electric resistance heat modules
- Up to 4 kW of electric heat
- Fin-tube heating elements
- Two-stage thermal protection



### SMART TOUCH CABIN CONTROL

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



### SMART TOUCH CHILLER CONTROL/STIIC SOFTWARE

Provides clear indications of chiller's current status, operational trends, animated real-time monitoring of the refrigeration circuit, and more.

- High-resolution display
- Intuitive touchscreen operation
- Networks to ship management controls
- Remote access via smart phone, tablet, or computer



### 3-PHASE AC AXIAL FANS

Built to withstand harsh marine environments, Dometic 3-phase axial fans are built with corrosion resistance and weight in mind. Models available up to 42 in/1067 mm.

- Powder-coated fan housing standard
- High-strength PPG glass-reinforced polyamide blades
- High-efficiency direct-drive, reversible motors
- Marine-grade stainless-steel hardware



### AC & DC AXIAL FANS

Intake or exhaust axial fans designed for long service life.

- AC fans available in 6 in/153 mm, 8 in/203 mm, and 11 in/280 mm
- AC fans have die-cast aluminum housing with ball bearing motor and thermoplastic PBT impeller
- DC fans are completely waterproof and available in 7.5 in/191 mm, 9 in/229 mm, and 11 in/280 mm



### INLINE CENTRIFUGAL FANS

Inline centrifugal fans improve air flow within ducting, typically on both sides of the duct.

- Thermoplastic resin housing is ideal for wet or outdoor locations
- Can withstand airstream temperatures up to 140 °F/60 °C
- 100% speed controllable
- Galvanized steel housing also available



### CENTRIFUGAL DC BLOWERS

Versatile and compact forward-curved centrifugal blowers are ideal for fume and heat extraction, ventilation, and interior makeup air applications.

- AC (1-phase or 3-phase) or DC powered
- Single-inlet, forward-curved centrifugal blower
- Composite or die-cast aluminum housing





### MIST ELIMINATORS

Custom-made mist eliminators keep saltwater spray and mist out of machinery spaces.

- Help extend the life of any diesel engine and lower warranty claims significantly
- Four drainage options: bottom draining, face draining, horizontal draining, and sump draining
- Can be coupled with other equipment, such as a fan and/or damper, for a multi-function assembly



24V  
115V/60HZ  
230V/60HZ

### ALUMINUM SMOKE & FIRE DAMPERS

Dometic smoke and fire dampers close off the engine space in the event of a fire.

- Marine-grade, powder-coated aluminum frames and louvers
- Marine-grade aluminum or 316 stainless-steel hardware
- Electric or manual activation
- Custom sizes based on application



24V  
115V/60HZ  
230V/60HZ

### STAINLESS-STEEL A-60 SMOKE & FIRE DAMPERS

Dometic A-60 rated smoke and fire dampers are Lloyd's and ABS approved and MCA compliant for applications requiring A-60 boundaries in accordance with FTP code.

- 316 stainless-steel frames and louvers
- Electric or pneumatic activation
- Custom sizes based on application
- Vertical and horizontal applications



### ENGINE ROOM VENTILATION CONTROLS

Dometic pressure- and temperature-monitoring fan controls are available for 3-phase fans and blowers, as well as temperature monitoring for 12V and 24V DC fans.

- Speed control set manually or automatically by temperature, pressure, or both
- Fire system shutdown standard
- 3-phase systems can have fire damper control
- Optional central monitoring color touchscreen interface

# ESKIMO ICE E11000X FISHBOX ICE SYSTEM

KEEP ALL THE FISH ON ICE

**ULTRA DURABLE**  
TITANIUM CONDENSER

**1,000 LBS/454 KG A DAY**  
ICE PRODUCTION

**EASY ACCESS**  
REMOVABLE PANELS



220V/50HZ/1-PH  
230V/60HZ/1-PH

The easy-to-use Smart Logic digital control monitors all system functions. Ventilated cover panels can be removed for service access from any side. Special cylindrical ice shape maximizes ice density for greater cooling.

# ICE TIME

The EI1000X ice-making machine comes in a self-contained, compact package, making it ideal for boats with limited installation space but a big demand for reliable and efficient fishbox ice production. EI1000X units are easy to install and ice is generated minutes after starting the system.

## EI1000X BENEFITS

- Titanium condenser dramatically increases product lifespan
- Produces up to 1,000 lbs/454 kg of fishbox ice per day
- Side panels and frame are removable to install unit through smaller openings
- Thermal expansion valve increases performance for all conditions
- Compact footprint - 21.25 x 21.25 in/540 x 540 mm
- Up to two remotely-mounted Smart Logic digital controls and display panels
- Photo-electric ice-level sensor and fresh-water filter included in kit



## BUILT FOR THE ELEMENTS

Thermal expansion valve increases performance in all conditions

## DIGITAL CONTROL

Up to two remotely-mounted Smart Logic digital controls/display panels

## INNOVATIVE DESIGN

Photo-electric ice-level sensor temporarily halts ice production when fishbox is full





115V/60HZ/1-PH  
220V/50HZ/1-PH  
230V/60HZ/1-PH

## ESKIMO ICE EI540X FISHBOX ICE SYSTEM

The EI540X produces up to 540 lbs/245 kg of fishbox ice per day, and has a titanium condensing coil for greater durability. The EI540X has a 16.25 x 16.25 in/413 x 413 mm footprint, making it ideal for boats with limited installation space but no less demand for reliable and efficient fishbox ice production.

- Titanium condenser dramatically increases product lifespan
- Produces up to 540 lbs/245 kg of fishbox ice per day
- Thermal expansion valve increases performance in all conditions
- Up to two remotely-mounted Smart Logic digital controls and display panels
- Photo-electric ice-level sensor and freshwater filter kit included



115V/60HZ/1-PH  
220V/50HZ/1-PH  
230V/50 OR 60HZ/1-PH

## KRA 433/450X CABINET CONDENSERS

Dometic KRA 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

## CU 100/200 COLDMACHINES

Dometic ColdMachines provide exceptional performance in hot and humid conditions, erratic or low voltage, and continuous use. The easy-to-install cooling units, when coupled with a VD-series evaporator, provide up to 15 cu ft/424 l of custom refrigeration or freezing.

- Titanium condenser dramatically increases product lifespan
- Air-cooled (CU 100) or air- and water-cooled (CU 200)
- Self-sealing quick-connect fittings
- Oversized air condensers
- Up to 15 cu ft/424 l of refrigeration capacity
- Compressor provides 25 % more cooling performance
- Stainless-steel construction



12/24V



### 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 of 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



### VD CLOSED EVAPORATING UNITS

Performance, efficiency and quality are hallmarks of Adler/Barbour ColdMachine Kits by Dometic.

- Designed to be paired with a Dometic ColdMachine
- 15 cu ft/424 l capacity
- Closed evaporator with or without door
- Ideal for large-sized refrigerator or medium freezer



### VD-160 POWER PLATE

The VD-160 has holdover capabilities and is ideal for small to medium freezing applications of up to 4 cu ft.

- 1.25 in/32 mm high  
19 in/483 mm wide  
11.25 in/286 mm deep
- 4 cu ft/113 l
- Power plate with holdover capabilities
- Medium or small freezer
- Additional sizes are available

# CRX SERIES BUILT-IN REFRIGERATORS

## 3-IN-1 REFRIGERATORS

**3-IN-1**  
REFRIGERATE, FREEZE OR BOTH

**REMOVABLE FREEZER**  
FLEXIBLE STORAGE

**BRIGHT LED DISPLAY**  
SAVES ENERGY



12/24V  
100 - 240V



QUIET

With many innovative features, the Dometic CRX is a durable built-in refrigerator that is quiet, flexible and efficient. It is available in four sizes with storage capacities from 1.6 cu ft/45 l to 3.7 cu ft/105 l

# 3-IN-1

CRX built-in refrigerators are quiet, flexible and efficient. They are available in four sizes with storage capacities from 1.6 cu ft/45 l to 3.7 cu ft/105 l.

The patented removable freezer transforms the CRX into a refrigerator only, or a freezer only with temperatures going down to 17° F/-8° C (CRX-50, -1065, and -1080 models only).

## CRX BENEFITS

- Patented removable freezer compartment transforms the unit into a larger-capacity refrigerator-only or 17° F/-8° C freezer-only (CRX-1050, -1065, and -1080)
- Speed-controlled compressor reduces noise
- Large fan overcomes high ambient temperatures
- Bright LED illumination activated by reliable IR sensor
- Flat electronic control panel
- Flush-mount of space-saver flange
- Available in stainless steel, silver, or black finish



CLIMATE

FOOD & BEVERAGE

HYGIENE & SANITATION



## CONVERTIBLE DESIGN

Patented removable freezer compartment transforms the unit into a larger-capacity refrigerator or freezer

## INNOVATIVE

Bright LED illumination and flat electronic control panel

## MODERN STYLE

Stylish interior design in cool-blue, enhanced by interior lighting





### CRD-50 BUILT-IN DRAWER REFRIGERATOR

Dometic CRD 50-liter-capacity drawer refrigerators provide a convenient and highly efficient way to keep snacks and beverages cold on your boat.

- 1.65 cu ft/46 l capacity
- 12/24 V DC or 110/220 V AC operation
- 0.22 cu ft/6.2 l freezer capacity
- Freezer compartment is removable to allow more space for items needing refrigeration only
- Easy-pull drawer on roller bearing slides
- Durable metal frame construction
- Available in stainless steel (shown), silver or black finish



### CF SERIES PORTABLE REFRIGERATOR / FREEZERS

CoolFreeze keeps your favorite items refrigerated or frozen while on the go – without the need for ice.

- Refrigerate or freeze to 0 °F/-18 °C without the need for ice
- 0.7 cu ft/19 l to 3.77 cu ft/106 l capacities
- DC-only and AC/DC models
- With the ability to utilize multiple power sources you can take your refrigerator/freezer with you
- Quick-chill turbo function
- Lightweight and easily portable
- Removable carrying handles, coated wire grid and basket
- Low-voltage shutoff protects against a dead battery



## CD DRAWER REFRIGERATORS

Dometic built-in drawer refrigerators offer generous cold storage in a rugged, compact package.

- 0.71 cu ft/20 l (CD 20) and 1.0 cu ft/28 l (CD 30) capacity
- Requires less than 10 in/254 mm of height for installation
- Fully hermetic compressor with integrated control electronics
- Low-voltage protection for starter battery
- Easy-pull drawer on roller bearing slides
- Temperature regulation with continuously variable thermostat
- Available in stainless steel (shown), white or black finish



12V

## ESKIMO ICE 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 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



12V

# 7100 SERIES MASTERFLUSH TOILETS

MACERATING TOILETS WITH FULL 360° ORBIT BOWL-TO-BASE ROTATION

**POWERFUL FLUSH**  
MACERATES WASTE

**ORBIT BASE**  
ROTATES 360°

**COMPACT FOOTPRINT**  
FITS ALMOST ANY HEAD



12/24V

Dometic MasterFlush 7100 series toilets, with an omnidirectional rotating base, provide the only full 360° bowl-to-base rotation in a basic macerator toilet. The base can be positioned in any configuration to maximize even the smallest installation space, all while providing a residential-size seat and bowl.

Fitting a standard marine toilet in a small boat head usually means sacrificing comfort for the sake of fit and function. However, Omnidirectional Rotating Base Installation Technology (ORBIT) puts a whole new spin on basic marine heads with Dometic MasterFlush 7100 series toilets. By providing a full 360° of bowl-to-base rotation, the ORBIT toilet base turns in any configuration to maximize the smallest installation space.

### 7100 MASTERFLUSH BENEFITS

- Powerful macerating flush with onboard or raw water supply
- Full 360° ORBIT bowl-to-base rotation allows limitless base positioning
- Small footprint fits in most any head compartment
- Uses as little as 0.33 gal/1.2 l per flush
- Residential-size toilet seat and deep bowl for hygienic use
- 12/24V DC operation



### VERSATILE

ORBIT technology allows installation into tight spaces

### INSTALLATION FRIENDLY

An electric water valve is integrated into the base





## 8900 SERIES MASTERFLUSH TOILETS

Dometic MasterFlush 8900 series marine toilets provide an abundance of possibilities to satisfy diverse applications, all in one simple, elegant style. Two low-flush settings conserve water while delivering outstanding bowl-clearing performance.

- Angled back and small footprint fits against hull in small head spaces
- Normal (0.67 gpf/2.54 lpf) and Low (0.17 gpf/0.64 lpf) flush options
- Smoothly contoured wrap-around seat with soft-close action
- Powerful macerating flush
- Standard-height and low-profile models available



## DFS FLUSH SWITCH

The Dometic DFS flush switch panel features user-friendly push-button operation.

- Add Water and Flush control at the touch of a button
- Toilet and waste tank status lights indicate system readiness for flushing
- Backlit buttons are easy to locate - even in the dark
- Compatible with Vimar Idea, Vimar Eikon, or Gewiss Chorus frames



## ECO HOLDING TANK VENT FILTER

The Dometic ECO Holding Tank Vent Filter combines an innovative concave shape and use of recyclable plastics to make it the most effective and environmentally-responsible waste tank vent filter.

- Most thorough malodorous gas filtration
- Fits same space and brackets as previous Dometic vent filters for easy change-over
- Includes filter cartridge, fittings, bracket and hardware



## 8700 SERIES MASTERFLUSH TOILETS

Enjoy the upscale look and user-friendly performance of a luxurious residential toilet with the Dometic MasterFlush 8700 toilet series. The elongated seat and deep bowl provide ultimate comfort.

- Standard-height toilet with residential-size bowl and elongated seat for premium comfort
- Powerful macerating flush
- Normal (0.83 gpf/3.14 lpf) and Low (0.21 gpf/0.79 lpf) flush options
- Quieter, shorter flush duration than many other macerator toilets
- Electronic flush handle or wall-mounted Dometic Flush Switch
- White or bone colors



## SANIPOTTIE 960 SERIES PORTABLE TOILETS

Dometic's original 960 series of SaniPottie portable toilets provides recreational boaters with a simple, self-contained toilet system. The reliable bellows-operated flush rinses the bowl clean every time.

- 5.0 gal/18.9 l or 2.5 gal/9.5 l waste tank capacity
- High-density polyethylene construction withstands demanding conditions
- Easy-to-clean, scratch-resistant finish



## SANIPOTTIE 970 SERIES PORTABLE TOILETS

Powerful flushing at the touch of a button without constant pumping or batteries sets the Dometic SaniPottie 970 series apart from other portable toilets.

- 5.0 gal/18.9 l or 2.6 gal/9.8 l waste tank capacity
- Push-button flush clears bowl instantly
- Prismatic indicator allows easy tank level monitoring
- Full-size seat for comfort; latching lid for security



## 4800 SERIES VACUFLUSH TOILETS

VacuFlush 4800 series toilets bring powerful, water-efficient flushing to a new level. Choose between two flush modes to conserve resources without sacrificing the powerful, bowl-clearing VacuFlush performance.

- Powerful vacuum flush
- Two flush modes: Normal (0.27 gal/102 l) or Low (0.08 gal/0.3 l)
- Through-the-floor discharge plumbing
- Angled back and small footprint fit in small head spaces
- Activates with VacuFlush wall switch
- Soft-close seat action
- Standard-height and low-profile models available



## 500 PLUS SERIES VACUFLUSH TOILETS

Outstanding comfort and low-flush efficiency are the major benefits of the Dometic VacuFlush 500 Plus toilet series.

- Powerful vacuum flush
- Low-flush water use: less than one pint (0.10 gal./0.39 l) per flush
- Residential-size bowl and enameled seat for comfort
- Standard-height and low-profile models available



## 706 VACUFLUSH TOILET

Ultra-compact Dometic VacuFlush 700 series toilets can be fitted to small boats, yet deliver the same high-powered, low-flush efficient performance as larger VacuFlush toilets.

- Powerful vacuum flush
- Low-flush water use: less than one pint (0.10 gal./0.39 l) per flush
- Low-profile toilet with compact bowl for limited spaces
- Dual-function pedal to Add Water, Flush



## 5000 SERIES VACUFLUSH TOILETS

The clean, odor-free performance of VacuFlush 5000 series toilets is the result of freshwater flushing, instantaneous evacuation of bowl contents, and thorough rinsing action.

- Powerful vacuum flush
- Low-flush water use: less than one pint (0.10 gal./0.39 l) per flush
- Compact, deep bowl with full-size enameled seat
- Standard-, medium- and low-profile heights available
- Dual-function pedal to Add Water, Flush
- Multiple discharge plumbing options available



12/24V



12/24V

### VG4 VACUUM GENERATOR

The Dometic VG4 vacuum generator makes VacuFlush technology the premiere choice in mobile toilet systems.

- Ultra-quiet: remotely installed outside of head compartment
- Adjustable components accommodate diverse layouts
- Large valves enhance flow
- Pre-assembled and wired vacuum pump and vacuum tank

### VFS FLUSH SWITCH

The Dometic VFS flush switch panel operates and monitors status of all-ceramic VacuFlush toilets.

- Add Water and Flush control at the touch of a button
- Vacuum status and power lights indicate when toilet is ready to flush
- Backlit buttons are easy to locate - even in the dark
- Compatible with Vimar Idea, Vimar Eikon, or Gewiss Chorus frames

# XZ SERIES

## SEAWATER & FRESHWATER REVERSE-OSMOSIS SYSTEMS

ONE SYSTEM  
FRESHWATER & SEAWATER

EASY TO USE  
1-TOUCH FULLY AUTOMATIC

UP TO 3,000 GPD/11,356 LPD  
OF PURE WATER



230V/60HZ  
220V/50HZ

Purify seawater and dock water automatically with a single, compact machine. Only Dometic Sea Xchange XZ systems combine the benefits of an onboard watermaker (seawater desalinators) and a freshwater reverse-osmosis (RO) purification system for ultra-pure water onboard.



Purify seawater and dock water automatically with a single, compact machine. The XZ is the only system that combines the benefits of a watermaker and freshwater reverse-osmosis (RO) purification system for ultra-pure water onboard.

The two purification systems share one frame and one controller. A single unified XZ system reduces space requirements, cuts installation time in half, and reduces the cost of buying two separate systems.

**XZ BENEFITS**

- Purifies dockside water and raw seawater in a single compact machine
- One-touch fully automatic system with mechanical redundancy
- Integrated sound shield reduces noise of HP pump
- Remote operation via Internet and Dometic’s embedded Smart Touch Integrated Intelligence Control (STIIC) software
- Available in four sizes that produce the following volumes of purified water from saltwater/freshwater: 1,200/2,000 gpd (4,542/7,571 lpd), 1,800/2000 gpd (6,813/7,571 lpd), and 2,200/3,000 gpd (8,328/11,356 lpd)



**EASY TO USE**

Color touchscreen with graphical display for easy operation



**LESS MAINTENANCE**

High-capacity filters are changed less frequently



**LESS NOISE**

Integrated sound shield minimizes pump motor noise





## XTC SERIES FULLY AUTOMATIC SEAWATER SYSTEMS

The Dometic Sea Xchange XTC watermaker lets you enjoy the freedom of fully automatic operation with the backup reliability of mechanical override for full redundancy and peace of mind.

- The only fully automatic watermaker with mechanical redundancy
- Integrated 7 in./178 mm color touchscreen
- 316SS high-pressure pump, booster pump and motor shaft
- TEFC motor with thermal motor protection
- Remote control on smart phone, tablet, or computer
- Upgradable from 600 to 2,200 gpd/2,271 to 8,328 lpd



## SE SERIES SEAWATER SYSTEMS

SE watermakers provide recreational boaters with the luxury of creating ample potable water while cruising on the ocean.

- 2-in-1 modular or compact frame design
- 316SS high-pressure regulating valve, high-pressure pump, and booster-pump motor shaft
- TEFC motor with thermal motor protection
- Available in 350 to 800 gpd/1,325 to 3,028 lpd models



## SXII SERIES SEAWATER SYSTEMS

Rugged and powerful enough for commercial applications, SXII watermakers use reverse-osmosis technology to turn seawater into potable water.

- 2-in-1 modular or compact frame design
- 316SS flow and pressure components, booster pump and motor shaft, and high-pressure pump
- TEFC motor with thermal motor protection
- Upgradable from 600 to 2,200 gpd/2,271 to 8,328 lpd

## ZTC SERIES FULLY AUTOMATIC FRESHWATER SYSTEMS

Dometic Spot Zero removes 95-99% of total dissolved solids (TDS) from any dockside or onboard water supply. The result is soft, pure water for a spot-free wash down without the need to hand dry. Fill your freshwater tanks with Spot Zero water for bathing, “bottled water quality” drinking, and crystal-clear ice.

- Purifies dockside water and water from an onboard desalination system
- Removes 95-99% of TDS
- Extends wax and paint life
- Integrated 7 in./178 mm color touchscreen
- Interactive management on smart phone, tablet, or computer via the Internet
- Available in capacities of 2,000 to 3,000 gpd/7,571 to 11,356 lpd



115V/60HZ  
230V/60HZ



115V/60HZ  
230V/60HZ

### SZ FRESHWATER DOUBLE PASS SYSTEMS

Get the benefit of Spot Zero water from both of your freshwater sources—your onboard watermaker system and the potable water provided dockside.

- Purifies water from dockside source
- Purifies water from onboard desalination system
- Removes 95-99% of total dissolved solids
- Available in capacities of 2,000 to 3,000 gpd/7,571 to 11,356 lpd



115V/60HZ  
230V/60HZ

### SZ MOBILE WASH-DOWN SYSTEM

The Dometic Spot Zero mobile wash down system removes 90-99% of total dissolved solids (TDS) and up to 100% of hardness from any dock water supply.

- Fully portable freshwater RO system
- Provides a true spot-free rinse
- Removes 90-99% of total dissolved solids
- Wheel kit and protective cover are standard

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