



Specification Sheets for:  
**Refrigerators & Freezers**  
**Do-It-Yourself Cooling Kits**  
**Custom Refrigeration**  
**Eskimo Ice Systems**



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# CR Series Refrigerators/Freezers

## For Your Galley or Cockpit



CR-1080E-S shown  
without flange



**Luxury meets performance and top-of-the-line technology with Dometic's CR Series of premium refrigerators with freezer compartments.** CR refrigerator/freezers are constructed for the rigors of marine use, but designed to compliment any galley or cockpit.

Each CR Series appliance is equipped with a premium Danfoss DC compressor, providing excellent cooling performance, ultra-quiet operation, and minimal power consumption whether operating on DC or AC power. During rough sea conditions, the door remains securely closed—at top and bottom—as a result of the patented double-lock mechanism. The CR's vent mechanism holds the door open slightly for easy defrosting and mildew prevention. The door can be set to open to the left or right to accommodate any galley configuration.



### Award Winning Design

"Beyond pleasing aesthetics, the CR Series compressor refrigerators offer several clever design touches, including a lock to allow the cabinet to ventilate when not in use and a very positive latching mechanism."

— As commented by the awards jury at METS Amsterdam, the world's leading trade show for marine equipment

### Key Benefits

- 12/24 volts DC; 110/220 volts AC.
- Exclusive protected evaporator eliminates the risk of ice-pick damage.
- Cool-blue interior light.
- Diagnostic circuitry installed with green and red LED indicator lights.
- Face panel is interchangeable—even while installed in the boat.
- Four sizes and many colors to choose from.
- Recessed handle provides a smooth, sleek surface.
- Full-width freezer compartment.
- Features include egg tray, bottle holder, extra-large vegetable bin, and adjustable shelves and racks.

## Specification Details for CR Series Refrigerators/Freezers

Model	CR-1050	CR-1065	CR-1080	CR-1110
Freezer Gross Capacity	4.8 quarts (4.5 liters)	4.8 quarts (4.5 liters)	4.8 quarts (4.5 liters)	8.9 quarts (8.4 liters)
Refrigerator Gross Capacity	1.7 cu ft (48.1 liters)	2.3 cu ft (65.1 liters)	2.8 cu ft (79.1 liters)	3.8 cu ft (107 liters)
Voltage	12/24V DC (110/220V AC)	12/24V DC (110/220V AC)	12/24V DC (110/220V AC)	12/24V DC (110/220V AC)
Avg. Power Consumption	40 watts (3.3 amps)	40 watts (3.3 amps)	40 watts (3.3 amps)	45 watts (3.75 amps)
Insulation	CFC-free polyurethane	CFC-free polyurethane	CFC-free polyurethane	CFC-free polyurethane
Compressor	Danfoss BD35F	Danfoss BD35F	Danfoss BD35F	Danfoss BD35F
Refrigerant	Environmentally safe R-134A	Environmentally safe R-134A	Environmentally safe R-134A	Environmentally safe R-134A
Material	Stainless-steel fittings, plastic interior, door frame in plastic body with coated-metal frame	Stainless-steel fittings, plastic interior, door frame in plastic body with coated-metal frame	Stainless-steel fittings, plastic interior, door frame in plastic body with coated-metal frame	Stainless-steel fittings, plastic interior, door frame in plastic body with coated-metal frame
Color Options	<b>CR-1050U/F:</b> black face panel, black door surround, black flush-mount flange  <b>CR-1050E/F-W:</b> white face panel, silver door surround, silver flush-mount flange  <b>CR-1050E/F-S:</b> stainless-steel face panel, silver door surround, silver flush-mount flange	<b>CR-1065U/F:</b> black face panel, black door surround, black flush-mount flange  <b>CR-1065E/F-W:</b> white face panel, silver door surround, silver flush-mount flange  <b>CR-1065E/F-S:</b> stainless-steel face panel, silver door surround, silver flush-mount flange	<b>CR-1080U/F:</b> black face panel, black door surround, black flush-mount flange  <b>CR-1080E/F-S:</b> stainless-steel face panel, silver door surround, silver flush-mount flange	<b>CR-1110U/F:</b> black face panel, black door surround, black flush-mount flange  <b>CR-1110E/F-S:</b> stainless-steel face panel, silver door surround, silver flush-mount flange
*Cut-Out Dimensions with flush-mount flange	16.1" W x 21.3" H x 19.6" D (408mm x 542mm x 497mm)	18.8" W x 21.1" H x 21.3" D (478mm x 537mm x 542mm)	19.9" W x 25.6" H x 20.9" D (505mm x 649mm x 530mm)	21.6" W x 29.8" H x 22.1" D (548mm x 756mm x 560mm)
*Cut-Out Dimensions with space-saver flange	15.1" W x 21.0" H x 17.7" D (383mm x 532mm x 450mm)	17.9" W x 21.1" H x 19.4" D (454mm x 535mm x 494mm)	18.9" W x 25.5" H x 19.0" D (481mm x 648mm x 481mm)	20.6" W x 29.7" H x 20.1" D (523mm x 755mm x 511mm)
Net Weight	42 lbs (19 kg)	46 lbs (20 kg)	52 lbs (23 kg)	62 lbs (28 kg)
Flange Options	EST-0050U: black space-saver EST-0050E: silver space-saver	EST-0065U: black space-saver EST-0065E: silver space-saver	EST-0080U: black space-saver EST-0080E: silver space-saver	EST-0110U: black space-saver EST-0110E: silver space-saver
Replacement Flange Options	EFM-0050U: black flush-mt EFM-0050E: silver flush-mt	EFM-0065U: black flush-mt EFM-0065E: silver flush-mt	EFM-0080U: black flush-mt EFM-0080E: silver flush-mt	EFM-0110U: black flush-mt EFM-0110E: silver flush-mt



- Premium cooling technology in an elegant design.



- Patented double-lock door mechanism (indicated by white arrows).



- Full-length recessed door handle provides comfortable opening and closing.



- Freezer compartment with door.

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Environmentally  
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Dealer:



# Built-In Refrigerator & Freezer

## With Stainless-Steel Interior



■ Savor the tastes of home.

RSD-115 shown without mounting frame.



**Whether your journeys require reliable refrigeration or deep-freezing capability, the RSD-115 refrigerator and the RSF-115 freezer meet those needs.** Each can be used

as a stand-alone installation, or paired to create a cool side-by-side combination.

These attractive built-in units are ideally designed for the rigors of mobile use. A steel frame fitted on all edges keeps the overall body firmly in place. Additional stability is provided by a sturdy steel sheet behind the insulation instead of the typical cardboard fill. The 3.94 cubic-foot refrigerator and the 3.9 cubic-foot freezer are each equipped with a powerful Danfoss compressor.

During rough sea conditions, the door remains securely closed—at top and bottom—as a result of the patented double-lock door mechanism. When not in use, choose the mechanism's vent position, which holds the door open slightly for easy defrosting and mildew prevention. The attractive, unobtrusive, full-width handle provides comfortable opening and closing. Enjoy optimal ease of movement with a door you can set to open left or right to accommodate any galley configuration.

### Key Benefits

- 12/24 volts DC.
- Optional factory-installed adapter for AC operation.
- Danfoss BD35F compressor provides extremely quiet operation.
- Brushed stainless-steel finish.
- Reversible door opening.
- Interior light.
- Choice of standard mount or flush mount flange.

## Specification Details for RSD-115 & RSF-115

Model	RSD-0115E Refrigerator	RSF-0115E Freezer
Gross Capacity	3.94 cubic feet	3.9 cubic feet
Voltage	12/24V DC	12/24V DC
Average Power Consumption	45 watts / 3.3 amps	50 watts / 4.1 amps
Insulation	CFC-free polyurethane	CFC-free polyurethane
Compressor	Danfoss BD35F	Danfoss BD35F
Refrigerant	Environmentally-safe R134A	Environmentally-safe R134A
Material	Stainless-steel fittings, stainless-steel interior, door frame in plastic body with coated metal frame	Stainless-steel fittings, stainless-steel interior, door frame in plastic body with coated metal frame
Color	Stainless-steel face panel, black door surround, black flange	Stainless-steel face panel, black door surround, black flange
Cut-Out Dimensions	20.5"W x 29.12"H x 22"D 520mm x 739mm x 558mm	20.5"W x 29.12"H x 22"D 520mm x 739mm x 558mm
Net Weight	63 lbs / 28.5 kg	63 lbs / 28.5 kg
Interior Light	Yes	Yes
Reversible Door Opening	Yes, left or right	Yes, left or right
AC Adapter Option	MPS-35	MPS-35
Flange Options: Standard Mount, Black Flush Mount, Black	EST-0400 EFM-0400	EST-0400 EFM-0400

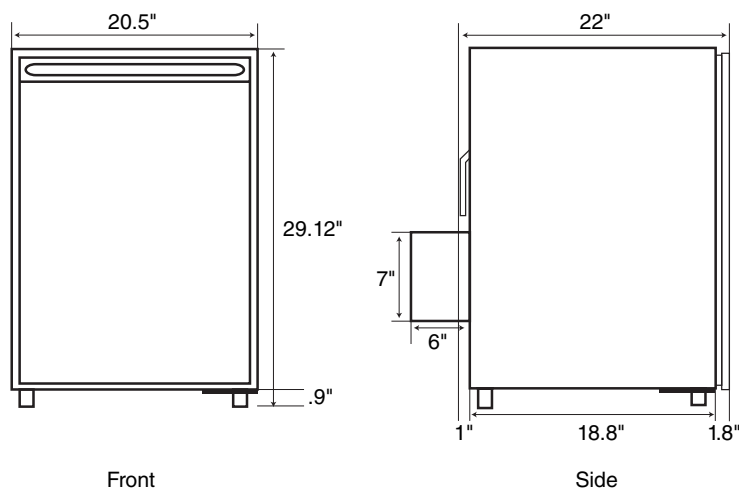


- Compressor can be mounted up to five feet away.



- Condensation drain.

## Dimensions for RSD-115 & RSF-115



- A powerful side-by-side combo: RSF-115 and RSD-115.

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# Full-Size Built-In Freezer

## With Easy-to-Clean Plastic Interior



■ Frozen treats, anytime.

RPF-50SS shown  
without mounting frame.



**Equipped with a powerful Danfoss compressor, the RPF-50SS offers 1.6 cubic feet of deep-freezing space.** Frozen food is practical and convenient, both at home and on-the-move. But if the freezer compartment in your onboard fridge is too small to accommodate all you want to take on your journey, check out this full-size freezer offered by Dometic. The RPF-50SS can be used as a stand-alone freezer or paired with the same size refrigerator to create a cool side-by-side combination.

During rough sea conditions, the door remains securely closed—at top and bottom—as a result of the patented double-lock door mechanism. When not in use, choose the mechanism's vent position, which holds the door open slightly for easy defrosting and mildew prevention. The attractive, unobtrusive, full width handle provides comfortable use. Enjoy optimal ease of movement with a door you can set to open left or right to accommodate any galley configuration.

### Key Benefits

- 12/24 volts DC.
- Optional factory-installed adapter for AC operation.
- Danfoss BD35F compressor provides extremely quiet operation.
- Brushed stainless-steel finish.
- Condensation drain.
- Reversible door opening.
- Interior light.
- Choice of standard mount or flush mount flange.

## Specification Details for RPF-50SS

Model	RPF-0050SS
Gross Capacity	1.6 cubic feet
Voltage	12/24V DC
Average Power Consumption	40 watts / 3.3 amps
Insulation	CFC-free polyurethane
Compressor	Danfoss BD35F
Refrigerant	Environmentally-safe R134A
Material	Stainless-steel fittings, plastic interior, door frame in plastic body with coated metal frame
Color	Stainless-steel finish face panel, black door surround, black flange
Cut-Out Dimensions	17.5" W x 20.5" H x 21.12" D 444mm x 520mm x 536mm
Net Weight	55 lbs / 25 kg
Interior Light	Yes
Reversible Door Opening	Yes, left or right
AC Adapter Option	MPS-35
Flange Options: Standard Mount, Black Flush Mount, Black	EST-0200 EFM-0200

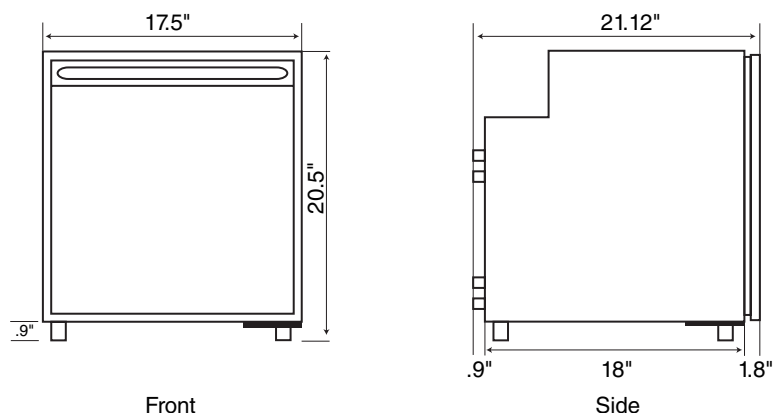


■ Condensation drain.



■ Easy to clean plastic interior.

## RPF-50SS Dimensions

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# CF Series Portable Refrigerators/Freezers

## Refrigerate or Freeze to 0°F



### Charter Fishing Boat Success Story:

"Our savings have been substantial. No more wasted bait since we only thaw out what we need. Thanks!"

— Capt. Roger Wright  
Charter Boat *Rendezvous*, Port Canaveral, FL

**CF Series refrigerators/freezers offer powerful cooling and deep-freezing from 50° to 0°F** and state-of-the-art electronics for additional convenience. There's an ideal appliance for every requirement – from the slim 19-quart model to the extra-large capacity 113-quart model. The CF Series features a quick-chill/turbo function which runs the compressor at maximum performance until the desired temperature is reached. All models work perfectly even in inclined positions.



Special electronics include a digital temperature display in Fahrenheit or Celsius. Eight models (CF-25 to CF-110)

are equipped with a unique soft-touch operating panel.

Insulating and Protective Covers with Velcro® closures and zip panels are available for all CF Series Refrigerators/Freezers. Constructed of high-quality Oxford nylon, the covers feature aluminum-coated polyester insulation and a non-skid bottom. The operating panel and connection sockets remain accessible through openings in the cover. Convenient side pockets store small items.

### Key Benefits

- AC/DC or DC-only models.
- Seven sizes to choose from.
- Can operate as a refrigerator or freezer.
- Lightweight and easily portable.
- Battery monitor with low-voltage shut-off protects against a dead battery.
- Memory feature maintains presets if the system is turned off.



- Optional insulated protective cover available for all CF Series models.

# Specification Details for the CF Series Portable Refrigerators/Freezers

Model	CF-018DC	CF-025DC	CF-035AC	CF-040AC	CF-050DC	CF-050AC	CF-080AC	CF-110AC
Gross Capacity (qt./cu. ft.)	19/0.70	24/0.90	33/1.10	39/1.30	52/1.70	52/1.70	85/2.80	113/3.77
12 oz. Can Capacity	23	27	41	48	68	68	103	144
Voltage	12/24V DC	12/24V DC	12/24V DC, 100-240V AC	12/24V DC, 100-240V AC	12/24V DC	12/24V DC, 100-240V AC	12/24V DC, 100-240V AC	12/24V DC, 100-240V AC
Avg. Power Consumption	35 watts, 2.9 amps	35 watts, 2.9 amps	45 watts, 3.75 amps	45 watts, 3.75 amps	45 watts, 3.75 amps	45 watts, 3.75 amps	65 watts, 4.5 amps	65 watts, 4.5 amps
Insulation	CFC-free polyurethane foam							
Compressor	Danfoss BD35F							
Refrigerant	R-134A							
Cabinet Material	High-impact polypropylene							
Lid Material	Weather-resistant polyethylene							
Color	Pale gray/dark gray							
L x H x W (in/mm)	18.0 x 16.0 x 12.0 457 x 406 x 304	21.7 x 16.7 x 10.2 551 x 424 x 259	22.8 x 15.1 x 14.0 579 x 383 x 355	22.8 x 17.5 x 14.0 579 x 444 x 355	24.8 x 19.4 x 14.0 629 x 492 x 355	24.8 x 19.4 x 14.0 629 x 492 x 355	31 x 18.1 x 19.6 787 x 459 x 497	31.0 x 22.0 x 19.6 787 x 558 x 497
Net Weight (lbs/kg)	25.0/11.5	27.5/12.5	33.0/15.0	35.0/16.0	40.0/18.0	40.0/18.0	68.0/31.0	73.0/33.0
Lid	Hinged	Removable	Removable	Removable	Removable	Removable	Hinged	Hinged
Standard Features	<ul style="list-style-type: none"> <li>• Repositional grid</li> <li>• Carrying handle</li> </ul>	<ul style="list-style-type: none"> <li>• Special electronics</li> <li>• Removable coated-wire basket</li> </ul>	<ul style="list-style-type: none"> <li>• Special electronics</li> <li>• Removable carrying handles</li> <li>• Removable coated-wire grid</li> <li>• Interior light</li> </ul>	<ul style="list-style-type: none"> <li>• Special electronics</li> <li>• Removable carrying handles</li> <li>• Removable coated-wire basket</li> <li>• Interior light</li> </ul>	<ul style="list-style-type: none"> <li>• Special electronics</li> <li>• Removable carrying handles</li> <li>• Removable coated-wire basket</li> <li>• Interior light</li> </ul>	<ul style="list-style-type: none"> <li>• Special electronics</li> <li>• Removable carrying handles</li> <li>• Removable coated-wire basket</li> <li>• Interior light</li> </ul>	<ul style="list-style-type: none"> <li>• Special electronics</li> <li>• Removable carrying handles</li> <li>• 2 removable coated-wire baskets</li> <li>• Interior light</li> </ul>	<ul style="list-style-type: none"> <li>• Special electronics</li> <li>• Removable carrying handles</li> <li>• Insulating/protective cover (IC-CF-110)</li> </ul>
Accessories	<ul style="list-style-type: none"> <li>• AC adapter</li> <li>• Insulating/protective cover (IC-CF-18)</li> </ul>	<ul style="list-style-type: none"> <li>• AC adapter</li> <li>• Insulating/protective cover (IC-CF-25)</li> </ul>	<ul style="list-style-type: none"> <li>• Insulating/protective cover (IC-CF-35)</li> </ul>	<ul style="list-style-type: none"> <li>• Insulating/protective cover (IC-CF-40)</li> </ul>	<ul style="list-style-type: none"> <li>• AC adapter</li> <li>• Insulating/protective cover (IC-CF-50)</li> </ul>	<ul style="list-style-type: none"> <li>• Insulating/protective cover (IC-CF-50)</li> </ul>	<ul style="list-style-type: none"> <li>• Insulating/protective cover (IC-CF-80)</li> </ul>	<ul style="list-style-type: none"> <li>• Insulating/protective cover (IC-CF-110)</li> </ul>

- The CF-50 fits in most marine slide drawers.



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Dealer:

# CB Series Refrigerators/Freezers

## Top-Loading, Space-Saving Built-Ins



CB-036 1.3 cu. ft. unit



CB-040 1.4 cu. ft. unit

**The top-loading CB Series can operate as built-in refrigerators or freezers depending on the temperature you set.** Available in 1.3 cu. ft. (36 liters), 1.4 cu. ft. (39 liters), and 3.5 cu. ft. (100 liters) capacities, these units have energy-efficient Danfoss compressors that run on 12/24V DC power or 110/220V AC power (optional).

A CB unit permanently installs in a cupboard space and continues working even in inclined positions. Its lift-off lid has superior seal and insulation and can accommodate a laminate to match your countertops.



*CB Series refrigerators/freezers feature a convenient space-saving design and an easy-open lid.*

### Key Benefits

- Permanent installation in cupboard space.
- Lid can accommodate laminate to match countertops.
- Ideal for use as a bait freezer or refrigerator.
- Stainless-steel interior housing.
- Impeccable operation in inclined positions.
- Lift-off lid with superior seal and insulation.
- Top loading for improved efficiency and better performance.
- CFC-free polyurethane insulation.
- Variable thermostat allows operation at a wide range of temperatures from refrigeration to freezing.
- Environmentally safe R-134a refrigerant.



## Specification Details for CB Series Top-Loading Refrigerators/Freezers

Model	CB-036	CB-040	CB-110
Gross Capacity	1.3 cu. ft. (36 liters)	1.4 cu. ft. (39 liters)	3.5 cu. ft. (100 liters)
Voltage	12/24V DC 10/220V AC Optional	12/24V DC 10/220V AC Optional	12/24V DC 10/220V AC Optional
Avg. Power Consumption	45 watts/3.75 amps	45 watts/3.75 amps	60 watts/3.75 amps
Insulation	1.6 in. (40mm) solid polyurethane foam	1.6 in. (40mm) solid polyurethane foam	2.0 in. (50mm) solid polyurethane foam
Compressor	Danfoss BD35F	Danfoss BD35F	Danfoss BD35F
Refrigerant	Environmentally safe R-134A	Environmentally safe R-134A	Environmentally safe R-134A
Material	Zinc-coated sheet steel with stainless-steel interior; shock resistant plastic base.	Zinc-coated sheet steel with stainless-steel interior; shock resistant plastic base.	Zinc-coated sheet steel with stainless-steel interior; shock resistant plastic base.
Color	Gray body with dark gray lid.	Gray body with dark gray lid.	Gray body with dark gray lid.
Cut-Out Dimensions (WxHxD)	16.0" x 16.0" x 23.0" <sup>(1)</sup> (406mm x 406mm x 584mm <sup>(1)</sup> )	13.3" x 26.0" x 19.7" (337mm x 660mm x 500mm)	19.1" x 25.6" x 31.7" (485mm x 650mm x 805mm)
Net Weight	41 lbs./18.59 kg.	44 lbs./19.95 kg.	62 lbs./27.9 kg.

Notes:

<sup>(1)</sup> Depth is 16.0" (406mm) if the compressor is mounted remotely.

CB-110 3.5 cu. ft. unit shown

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Dealer:

# CD-030 Drawer Refrigerator

## Smart Cooling for Confined Spaces



CD-030 drawer refrigerator shown

**This compact refrigerator turns any unused nook into a practical 31 quart (29 liter) cooler.** The CD-030 permanently installs in any cupboard space. A convenient variable thermostat protects your contents from freezing, and the Danfoss compressor is extremely energy efficient.

For installation flexibility, the compressor can be mounted on the unit's rear, left or right side, or up to 5 ft. (1.5 m) away. The CD-030 drawer refrigerator provides a very energy efficient, flexible solution for boats with limited space.

### Key Benefits

- Permanent installation in cupboard space or under a settee.
- Easy pull drawer on ball-bearing slides.
- Continually variable thermostat prevents contents from freezing.
- Compressor can be mounted on the unit's rear, left or right side, or up to 5 ft. (1.5 m) away.
- Extremely energy efficient.
- Available in black or white.



*The CD-030 converts empty niches in the galley or under a settee into a 30-liter capacity refrigerator.*



## Specification Details for CD-030 Drawer Refrigerator

Model	CD-030DC
Gross Capacity	31 quarts/29 liters
Voltage	12/24V DC 10/220V AC Optional
Average Power Consumption	40 watts/3.3 amps
Insulation	CFC-free polyurethane
Compressor	Danfoss BD35F
Refrigerant	Environmentally safe R-134A
Material	Sturdy metal housing with injection-molded parts
Color Options	<b>CD-030DC-D65A:</b> Black drawer <b>CD-030DCW-D65A:</b> White drawer
Cut-Out Dimensions (WxHxD)	17.0" x 9.8" x 28.7" <sup>(1)</sup> (431mm x 248mm x 728mm <sup>(1)</sup> )
Net Weight	44 lbs./19.95 kg.

## Notes:

<sup>(1)</sup> Depth is 20.0" (508mm) if the compressor is mounted remotely.

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Dealer:

# Adler/Barbour ColdMachine Kits

## Customized Do-It-Yourself Refrigeration



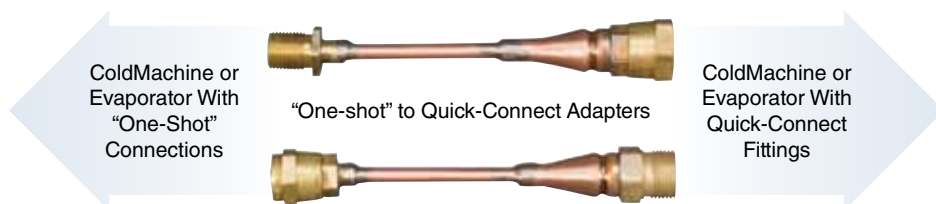
CU-100 ColdMachine &  
VD-150 Evaporating Unit  
(shown with ice trays)

**Performance, efficiency, and quality are hallmarks of Adler/Barbour ColdMachine Kits by Dometic.** Two configurations are offered: The air-cooled CU-100 ColdMachine, and the air- and water-cooled CU-200 SuperColdMachine. Powered by a Danfoss BD50F compressor, these easy-to-install units provide up to 15 cu. ft. (424 liters) of refrigeration and work with a variety of 100-Series evaporators (see reverse side).

ColdMachines are specifically designed to survive the rigors of the harsh marine environment, and to provide exceptional performance in hot and humid conditions, erratic or low voltage, and continuous use.

ColdMachine kits now come with self-sealing quick-connect fittings for easy attachment. Unlike the old “one-shot” connections, quick-connect fittings can be disconnected and reconnected whenever necessary without loss of refrigerant or exposing the system to air or moisture.

Dometic also offers quick-connect adapters (shown below), which join “one-shot” units to their quick-connect counterparts (professional installation required).



### Key Benefits

- Now with self-sealing quick-connect fittings.
- Oversized air condensers.
- Up to 15 cu. ft. (424 liters) of refrigeration.
- Danfoss BD50F compressor provides 25% more cooling performance.
- Stainless-steel construction.
- Shrouded forced-air condensers.
- Modular phone-jack connection for thermostat.
- Quick-connect adapters keep older “one-shot” units in service.
- Optimal performance in warmer waters.
- High-CFM fan.
- Built-in troubleshooting diagnostics.
- Environmentally safe R-134a refrigerant.
- Can be installed up to 15 ft. (4.57 m) from evaporator.
- Precharged and ready to install.

## Technical Specifications for Adler/Barbour ColdMachine Cooling Units

Model	CU-100 ColdMachine	CU-200 SuperColdMachine
Capacity	15.0 cu. ft. (424 liters)	15.0 cu. ft. (424 liters)
Voltage	12V DC	12V DC
Application	General Boating	Tropical-Water Boating
Dimensions (WxHxD)	10.0 in. x 7.5 in. x 11.1 in. (254mm x 190mm x 281mm)	10.0 in. x 7.5 in. x 11.1 in. (254mm x 190mm x 281mm)
Net Weight	18 lbs./8.2 kg.	18 lbs./8.2 kg.

Adler/Barbour  
CU-200 ColdMachine

## Technical Specifications for Adler/Barbour 100 Series Evaporating Units

Model	VD-150	VD-151	VD-152
Capacity	9.0 cu. ft. (254 liters)	9.0 cu. ft. (254 liters)	15.0 cu. ft. (424 liters)
Application	Medium-sized refrigerator to small freezer	Medium-sized refrigerator to small freezer	Large-sized refrigerator to medium freezer
Configuration	Closed evaporator	Closed evaporator with door	Closed evaporator
Dimensions (WxHxD)	10.5 in. x 11.0 in. x 6.0 in. (266mm x 279mm x 152mm)	10.75 in. x 7.0 in. x 11.25 in. (273mm x 177mm x 285mm)	15.0 in. x 12.0 in. x 6.0 in. (381mm x 304mm x 152mm)
Net Weight	12 lbs. (5.4 kg.)	10 lbs. (4.5 kg.)	13 lbs. (5.9 kg.)
Image			
Model	VD-153	VD-160	Optional Water-Cooling Kit
Capacity	15.0 cu. ft. (424 liters)	4 cu. ft. (113 liters)	Simplify water cooling installation for your CU-200 SuperColdMachine. Kit includes 12V DC water pump and mounting bracket, 5 ft. of 5/8" hose, 10 ft. of 3/8" hose, hose clamps, seawater strainer, 5/8" plastic through-hull discharge fitting, wiring diagram and mounting screws. Pump draws less than 1A and must be plumbed to a seawater source for operation. <b>P/N #C8350</b>
Application	Large-sized refrigerator to medium freezer	Medium- to small-sized freezer	
Configuration	Closed evaporator with door	Power plate with holdover capabilities	
Dimensions (WxHxD)	15.5 in. x 7.5 in. x 12.0 in. (393mm x 190mm x 304mm)	19.0 in. x 11.25 in. x 1.25 in. (482mm x 285mm x 31mm)	
Net Weight	14 lbs. (6.4 kg.)	23 lbs. (10.4 kg.)	
Image			

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# CoolMatic Cooling Kits

## Customized Do-It-Yourself Refrigeration



Dometic CU-86  
condensing unit shown



**Performance, efficiency, and quality are hallmarks of the CoolMatic 80 Series by Dometic.** Compact, easy-to-install CoolMatic units are designed to provide up to 8.8 cu. ft. (249 liters) of refrigeration or up to 2.5 cu. ft. (65 liters) of deep freezing. Powered by a Danfoss BD35F compressor, the versatile CoolMatic Series offers three different configurations for installation flexibility and tailor-made cooling applications.

These cooling units are designed to work with CoolMatic 80 Series Evaporating units. Six configurations are offered (see reverse side) to match the performance of the compressor.

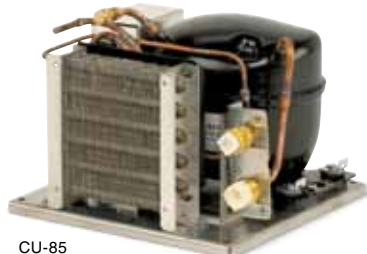
The CoolMatic Series is specifically designed to survive the rigors of the harsh marine environment, and to provide exceptional performance in hot and humid conditions, erratic or low voltage, and continuous use.

### Key Benefits

- Designed for small to medium refrigerator or small freezer capacities.
- Designed to work in warmer waters.
- Corrosion-resistant stainless-steel mounting plate.
- Applications up to 8.8 cu. ft. (249 liters) of refrigeration and up to 2.5 cu. ft. (65 liters) of deep freezing.
- Equipped with a power-regulated Danfoss BD35F compressor.
- Environmentally-safe R-134a refrigerant.
- Six evaporator types to match the performance of the compressor (details on reverse side).



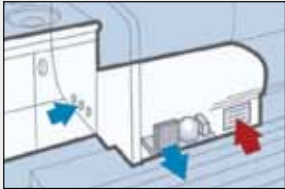

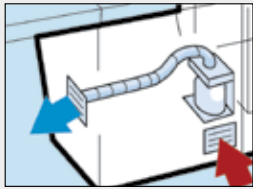
CU-84









CU-85



## Technical Specifications for CoolMatic 80 Series Cooling Units

Model	CU-84	CU-85	CU-86
Capacity	Refrigeration: 8.83 cu. ft. (250 liters) Deep freezing: 2.47 cu. ft. (70 liters)	Refrigeration: 8.83 cu. ft. (250 liters) Deep freezing: 2.47 cu. ft. (70 liters)	Refrigeration: 8.83 cu. ft. (250 liters) Deep freezing: 2.47 cu. ft. (70 liters)
Voltage	12/24V DC	12/24V DC	12/24V DC
Configuration	Horizontal Platform	Square Layout	Vertical or Wall Mount
Dimensions (WxHxD)	15.2 in. x 6.1 in. x 5.1 in. (386mm x 155mm x 129mm)	8.7 in. x 6.1 in. x 8.7 in. (220mm x 155mm x 220mm)	8.7 in. x 9.0 in. x 7.6 in. (220mm x 228mm x 193mm)
Net Weight	13.2 lbs. (5.98 kg.)	13.2 lbs. (5.98 kg.)	14.3 lbs. (6.40 kg.)
Installation			

## Technical Specifications for Adler/Barbour 80 Series Evaporating Units

Model	VD-04	VD-05	VD-08
Capacity	4.5 cu. ft. (127 liters)	4.5 cu. ft. (127 liters)	5.6 cu. ft. (158 liters)
Configuration	"L" shape	Plate	90° Angle
Dimensions (WxHxD)	14.8 in. x 10.0 in. x 3.9 in. (357mm x 254mm x 99mm)	14.8 in. x 13.7 in. x 1.0 in. (375mm x 348mm x 25.4 mm)	13.4 in. x 17.7 in. x 10.6 in. (340mm x 449mm x 269mm)
Net Weight	3.3 lbs. (1.49 kg.)	3.3 lbs. (1.49 kg.)	4.4 lbs. (1.99 kg.)
Installation			
Model	VD-09	VD-15	VD-18
Capacity	5.6 cu. ft. (158 liters)	7.0 cu. ft. (198 liters)	4.5 cu. ft. (127 liters)
Configuration	"O" shape	Circulating Air	Plate
Dimensions (WxHxD)	14.4 in. x 5.5 in. x 10.6 in. (365mm x 139mm x 269mm)	8.6 in. x 10.8 in. x 2.6 in. (218mm x 274mm x 66mm)	9.8 in. x 13.7 in. x 1.0 in. (248mm x 347mm x 25.4mm)
Net Weight	4.4 lbs. (1.99 kg.)	4.4 lbs. (1.99 kg.)	3.1 lbs. (1.40 kg.)
Installation			

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# CS-NC-15 Cooling Kit

## Super Compact and Easy-to-Install



CoolMatic CS-NC-17  
Cooling Kit shown

**The CS-NC-15 compact cooling kit consists of the high-performance air-circulating VD-15 fin evaporator and the power-regulated CoolMatic cooling unit.** These two units in one kit offer a perfect match of rapid-chill capability and high cooling performance.

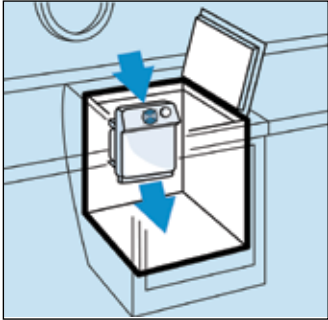
The tried and tested Danfoss BD35F compressor ensures economical and super quiet operation. This cooling unit is specifically designed for chest coolers with capacities from 2.12 cu. ft. (60 liters) for deep freezing to 8.8 cu. ft. (249 liters) for normal refrigeration.

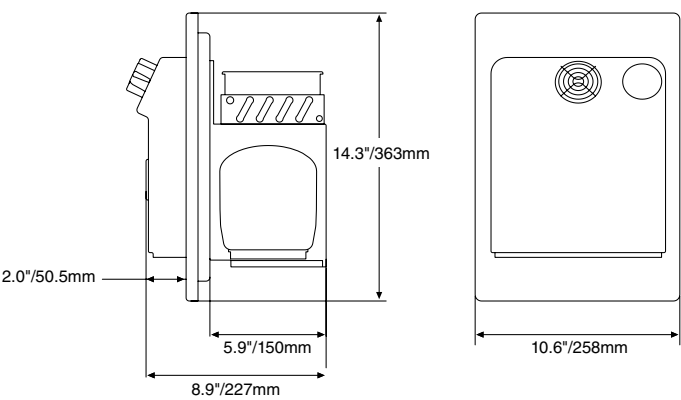
Installation is quick and easy. All that's required is a hole cut to match the size of the cooling kit. The CS-NC-15 is then simply screwed from inside to the mounting plate.

### Key Benefits

- Ideal for converting an existing, passive, insulated cooling area into a full, compressor-powered refrigerator.
- Up to 8.8 cu. ft. (249 liters) of refrigeration.
- Rapid chill capability with forced air circulation operation.
- Efficient Danfoss BD35F compressor.
- Vertical layout or wall mount.
- Integrated low voltage protection.
- Continuously variable thermostat.
- Integrated rubber seal ensures that the coolbox is securely sealed.
- Coolant lines are fully assembled and connected at the factory.
- Environmentally-safe R-134a refrigerant.

Technical Specifications for Adler/Barbour CS-NC-15 Cooling Kit

Model	CS-NC-15
Capacity	Deep Freezing: 2.12 cu. ft. (60 liters) Refrigerating: 8.8 cu. ft. (249 liters)
Voltage	12/24V DC
Dimensions (WxHxD)	10.6 in. x 14.3 in. x 8.9 in. (258mm x 363mm x 227mm)
Net Weight	14 lbs. (6.35 kg.)
Installation	



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