

# CoolBreeze Boat Exterior Cooling Kits

## Keep People On Deck Cool With Jets of Chilled Air



CoolBreeze system components: RSC12 condensing unit, remote electrical box, dual SCE6 evaporating units, and adjustable air nozzles

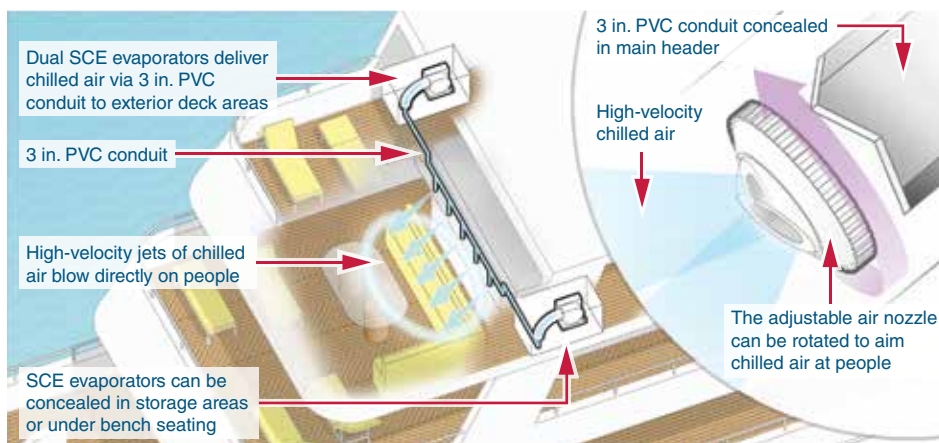
CoolBreeze provides an efficient and compact solution to exterior deck areas which may be too hot to enjoy during warmer weather. CoolBreeze blows high-velocity jets of chilled air directly on people, enhancing their enjoyment of outdoor dining and lounge areas and sport-fishing decks.

To maintain the vessel's aesthetic appeal, CoolBreeze uses 3 in. (76 mm) PVC conduit that is easily hidden, leaving only the one-inch adjustable air nozzles that concentrate the chilled air on people.

A single switch activates the system which will run automatically based on two temperature set points. The first is set to a lower temperature to blow ambient air, and the second is set to a higher temperature to engage the compressor for chilled air. CoolBreeze will run until the ambient temperature drops and will power off in reverse.

The system uses R-417A, an environmentally safe refrigerant approved by the EPA. CoolBreeze can be easily incorporated during boat construction, but can also be retrofitted.

### How CoolBreeze Works



### Key Benefits

- Allows the use of outdoor areas previously too hot to enjoy during warmer weather
- Highly-efficient system for cooling people on deck exteriors rather than interior spaces
- Operates automatically based on ambient outdoor temperature
- Unobtrusive installation maintains the vessel's aesthetic appeal
- Easily incorporated during boat construction but can also be retrofitted
- SCE evaporators are insulated against secondary condensation
- Environmentally safe R-417A refrigerant
- Insulated condensate pan with anti-slosh, anti-fungal foam lining

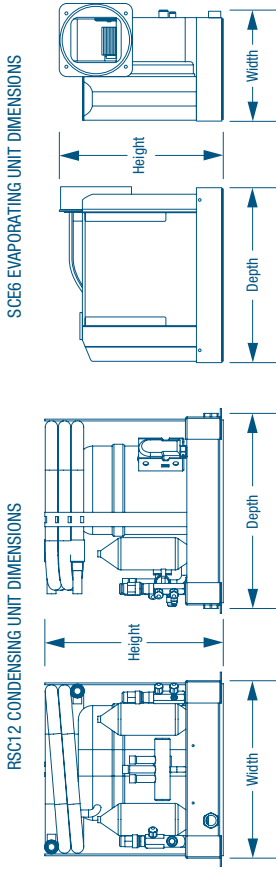
**Cruisair**<sup>®</sup>

by Dometic GROUP

# Specifications for CoolBreeze Boat Exterior Cooling Kits

Model	RSC12 Condenser	SCE6 Evaporator
Capacity (BTU/h)	12000	6000
Voltage @ 50/60Hz ± Ph (V)	230	220
Full Load Amps (FLA) Cool (A)	5.9	5.4
Full Load Amps (FLA) Blower (A)	N/A	1.74
Locked Rotor Amps (LRA) (A)	34	N/A
Max. Circuit Breaker (A)	20	15
Min. Circuit Ampacity (A)	13	11
Min. Air Velocity Per Nozzle (ft/s)	N/A	1772
Max. Air Velocity Per Nozzle (ft/s)	N/A	2186
Height (in/mm)	12.5/318	14/356
Width (in/mm)	12.2/310	15.5/394
Depth (in/mm)	15.1/384	10/254
Min. Return Air Grille Size (sq in/sq cm)	N/A	130/839
Seawater Inlet Connection (in/mm)	5/16	N/A
Refrigerant Line Connection-Discharge (in/mm)	1/4/17	1/4/17
Refrigerant Line Connection-Suction (in/mm)	3/8/10	3/8/10
Height-Electrical Box (in/mm)	12.88/328	N/A
Width-Electrical Box (in/mm)	9.25/235	N/A
Depth-Electrical Box (in/mm)	3.87/99	N/A

## Dimensions



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L-2629 Rev. 20131206

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Dealer

