

CLIMATE

# VARIABLE CAPACITY CHILLERS

Varies capacity as thermal load changes to maximize chiller efficiency and reduce electrical load fluctuations.

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

**STEADY  
OPERATION**  
MAXIMUM EFFICIENCY

**ELECTRONIC  
EXPANSION VALVE**  
PRECISE CONTROL



208-230V/50 OR 60Hz



24,000 - 72,000 BTU

Mobile living made easy.

 **DOMETIC**

# SMOOTH TRANSITIONS FROM 12,000 TO 72,000 BTUS AS NEEDED



Model	VARC48	VARC72
Capacity (BTU/h)	48,000	72,000
Voltage	208-230V	208-230V
Cycle (Hz)	50 or 60	50 or 60
Full Load Amps (FLA) Cool	15.9 <sup>1</sup>	22.0 (2)
Full Load Amps (FLA) Heat	17.0 <sup>1</sup>	14.0 (2)
Seawater Connection	0.75 in/19 mm OD tube	1 in/26 mm OD tube
Chilled Water Connection	1 in/26 mm FPT	1 in/26 mm FPT
Drain Connection	0.5 in/12.7 mm NPT	0.5 in/12.7 mm NPT
Seawater Pressure Drop @ 12 GPM/45 LPM	7.1 PSI/0.5 KSC	7.0 PSI/0.49 KSC
Chilled Water Pressure Drop @ 12 GPM/45 LPM	11.8 PSI/0.83 KSC	11.5 PSI/0.8 KSC
Height (in/mm) <sup>3</sup>	19.7/501	24.0/610 <sup>4</sup>
Width (in/mm) <sup>3</sup>	13.5/343	13.25/337
Depth (in/mm) <sup>3</sup>	20.0/509	25.5/648 <sup>5</sup>
Gross Weight (lbs/kg)	205/92.9	270/122.4
Height-Electrical Box (in/mm)	N/A	14.2/361
Width-Electrical Box (in/mm)	N/A	11.7/298
Depth-Electrical Box (in/mm)	N/A	4.1/105

<sup>1</sup> At full speed and 230V/50 or 60Hz/1-phase input power.

<sup>2</sup> FLA amps are in normal mode default setting.

<sup>3</sup> All dimensions ± 0.25 in/7 mm.

<sup>4</sup> Add 5 in/127 mm to height for top-mounted electrical box.

<sup>5</sup> Add 5 in/127 mm to depth for rear-mounted electrical box.



## 1. SPACE SAVING

Easy, flexible plumbing configurations with less depth needed



## 2. ADJUSTABLE

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



## 3. SAFETY MONITORING

Electronic expansion valve for precise control of superheat