



FRIGOMAR®
MARINE REFRIGERATION & AIR CONDITIONING SYSTEMS

Designed and
Manufactured
in Italy

NEW GENERATION

INVERTER BLDC HIGH PERFORMANCE CHILLER UNIT THREE-PHASE



ADVANTAGE OF USE

- Compact design and low weight
- 50% higher energy efficiency compared to ON/OFF
- High comfort on board: low noise and stable temperature
- User friendly touch display
- Elimination of peak current at start-up (only 2 A max)
- Suitable for severe-duty conditions (military applications)

EASY INSTALLATION

The compact overall dimensions and low weight make the installation easier. More chiller units can be installed in parallel reaching the desired cooling/heating capacity, suitable for large vessels and super yachts.

MAX COOLING CAPACITY

180.000 BTU/h (15 ton) per unit

SEAWATER HEAT EXCHANGER



Special Cu-Ni 70/30 seawater condenser offering the highest resistance to erosion and corrosion.



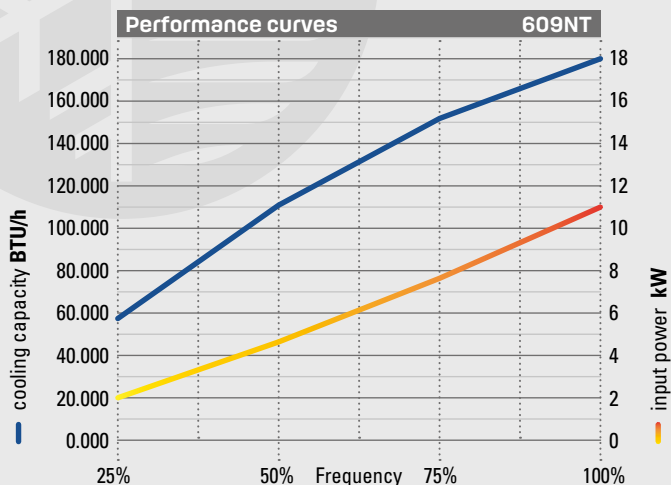
609NT

Max Cooling/Heating capacity

180.000 BTU/h

Dimensions

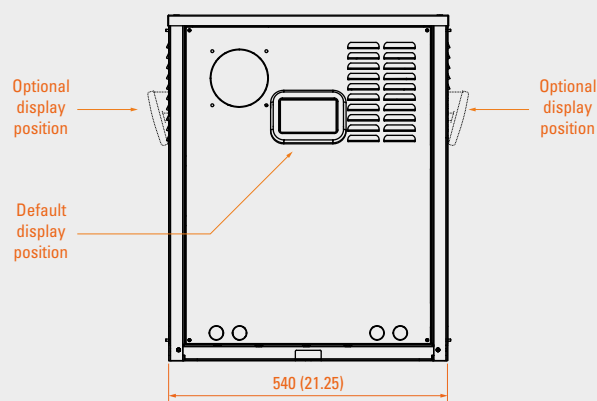
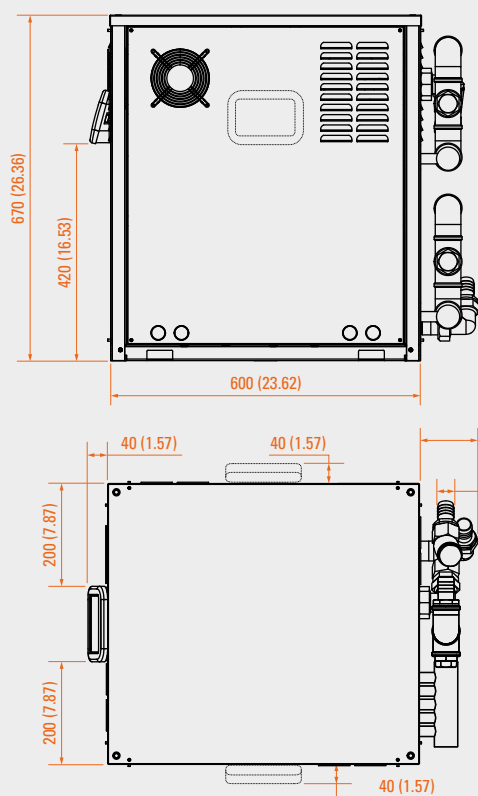
540 x 670 x 600 mm



MODEL

609NT

Width	540 mm - 21.25 in
Height	670 mm - 26.37 in
Depth	600 mm (+115 mm pipe) - 23.62 in (+4.52 in pipe)
Weight	155 kg - 342 lbs
Voltage/phase/ cycle	400 VAC / 3ph / 50-60 Hz
Max Cooling/Heating capacity	180.000 BTU/h - 15 ton
Max input power	12 kW
Max Current	17,3 A
Max input power (ECO function)	5,5 KW
Max Current (ECO function)	8 A
Refrigerant R410A	2,8 kg - 6.2 lb
Working limits	Seawater temperature in winter mode
	> 5°C / 41° F
	Seawater temperature in summer mode
	< 40°C / 104° F
	Engine room temperature
	< 70°C / 158° F

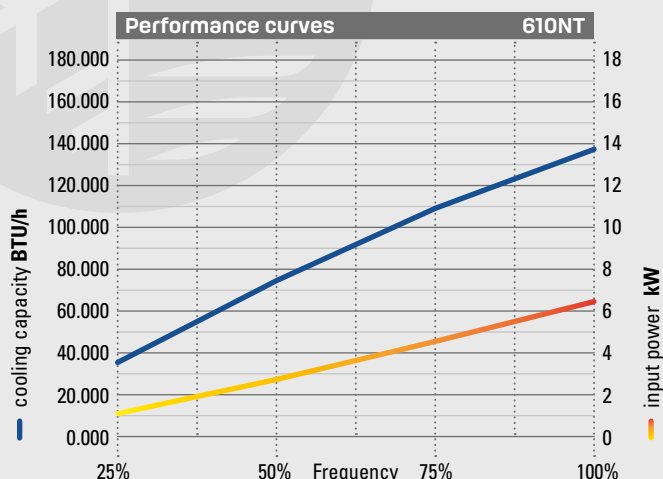


Dimensions in mm (inch)

610NT

Max Cooling/Heating capacity
130.000 BTU/h

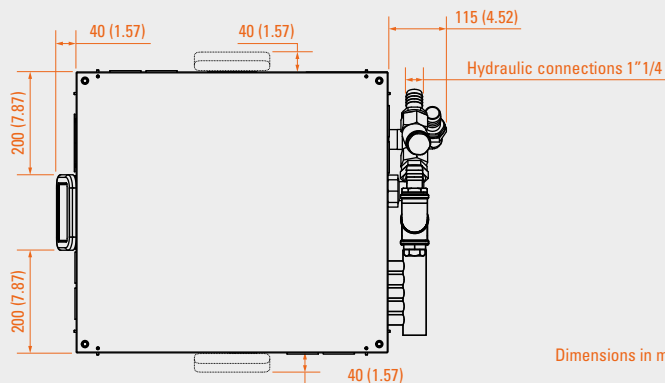
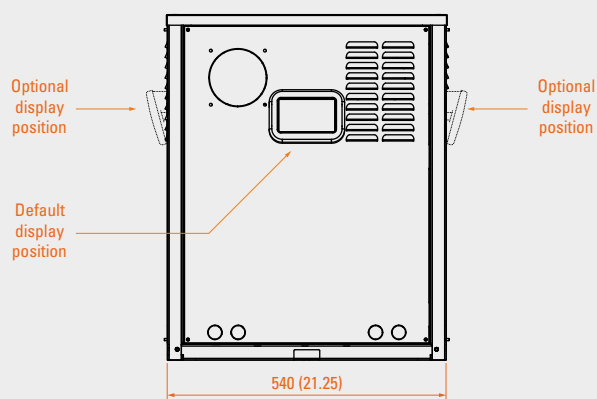
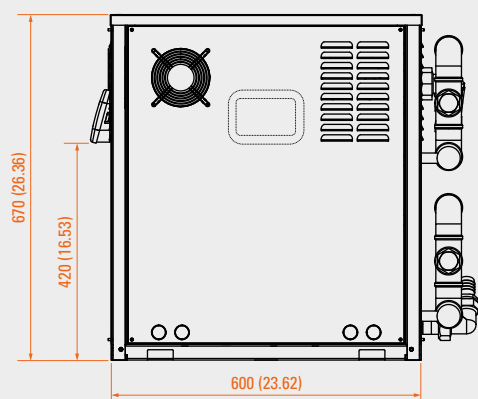
Dimensions
540 x 670 x 600 mm



MODEL

610NT

Width	540 mm - 21.25 in
Height	670 mm - 26.37 in
Depth	600 mm (+115 mm pipe) - 23.62 in (+4.52 in pipe)
Weight	155 kg - 342 lbs
Voltage/phase/ cycle	400 VAC / 3ph / 50-60 Hz
Max Cooling/Heating capacity	130.000 BTU/h - 11 ton
Max input power	9 kW
Max Current	14 A
Max input power (ECO function)	3,5 KW
Max Current (ECO function)	5,2 A
Refrigerant R410A	2,8 kg - 6.2 lb
Working limits	Seawater temperature in winter mode
	> 5°C / 41° F
	Seawater temperature in summer mode
	< 40°C / 104° F
	Engine room temperature
	< 70°C / 158° F



Dimensions in mm (inch)



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