



Paumier Marine

REFRIGERATING UNITS

APPLICATION

Refrigerating units are HVAC equipment designed and manufactured to produce cooling to supply Evaporator(s), Cold Room(s) or Air Handling Unit(s).

TECHNICAL INFORMATION

Refrigerant	All H(C)FC
Evaporating	+10 to -45°C
Cooling capacities	1,5 to 400 kW
Condensing	Sea water, Air
Compressor	Screw, reciprocating, open, scroll
Voltage	400VAC/3ph/50Hz
Frame	Painted Steel

FRAME

Our frames are manufactured in steel with standard painting (RAL as per your requirements). Frames are adjusted according to configuration required by your project (1,2,3,... compressors)

INSTRUMENTATION

Our whole instrumentation is assembled on a removable board connected with a set of flexible color pipes 1/4".

HP	Pressure gauge High pressure protection
LP	Pressure gauge Low pressure protection
Oil (if required)	Pressure gauge Oil protection



TEST

Design pressure 8/21 bar (LP/HP). Each heat exchanger is leak tested with dry nitrogen and finally supplied with a nitrogen charge.

ACCESSORIES

Standard	Vibration attenuator Drier cartridge Liquid sight glass
If required	Liquid receiver Oil separator Sea water condenser

OPTIONS (*)

Special Fan motor	60Hz, 440V, 230V,...
Capacity regulation	Capacity control Frequency Inverter Starter
Frame	SS316L, other materials
Instrumentation	Pressure transmitter Temperature element
Certification	ATEX, BV Marine

()Please confirm your needs and your alternative solutions with Paumier Engineering Department*

Solutions for Refrigeration and Climatic Engineering

www.paumier-sa.fr

Fécamp (Head Office)
Parc d'activités des Hautes Falaises - 76400 - FECAMP
Tel : +33 (0)2 35 10 42 90 Fax : +33 (0)2 35 29 34 78 E-mail : marine@ets-paumier.fr
Agencies : Concarneau - Vitrolles - Rouen