



Paumier Marine



## AIR CONDITIONING UNITS

### APPLICATION

Paumier has developed specific units for Hazardous Areas. ATEX - Air Conditioning Units are plug & play air treatment units with integrated refrigeration production. These units can be installed where standard units can't ensure a security against explosion hazards.

### TECHNICAL INFORMATION (\*)

Refrigerant	R404A, R134a, R407C
Evap / Cond	+5 / +42 °C
Ambient temperature	+35°C
Cooling capacities	3 to 150 kW
Compressor	Reciprocating
Voltage	400VAC/3ph/50Hz
Frame	Aluminum (AG3)



### INSTRUMENTATION

Our whole instrumentation is assembled on a removable board connected with a set of flexible color pipe ¼".

HP	Pressure gauge High pressure protection
LP	Pressure gauge Low pressure protection

### OPTION(\*)

Special Fan motor	60Hz, 440V, 230V,...
Capacity regulation	Capacity control
Heating	Steam coil / Electrical Heater
Frame / Panel	SS316L
Instrumentation	Temperature sensor
	Hygrometry sensor
	Smoke detector
....	
Certification	ATEX

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

### ATEX CLASSIFICATION

	Equipment Group	Equipment Category	Risk	Gas type	Temperature Class
Example :	( II )	( 2 )	( G )	( IIB )	( T3 )
ATEX Classification proposed by PAUMIER :	II (Industrial)	2	G (Gas)	IIA	T1 (450 °C)
		3		IIB	T2 (300 °C)
				IIB+H2	T3 (200 °C)
				IIC	T4 (135 °C)

## 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