

Air Cooled ATEX Air Conditioner Marine type

New

Anti explosion
proof outdoor unit
for LPG /CNG vessels



Advantages:

- ❶ Fan blade with antistatic plastic.
- ❷ ATEX external fan motor.
- ❸ Compact dimensions. It can easily fit to the bridge of the vessel.
- ❹ Electrical circuit special for ship power (3 phase 50/60Hz).
- ❺ Condenser is protected with special anticorrosion coating for sea breeze.
- ❻ Low noise plug fan on the indoor unit.

Split A/C Unit Compact

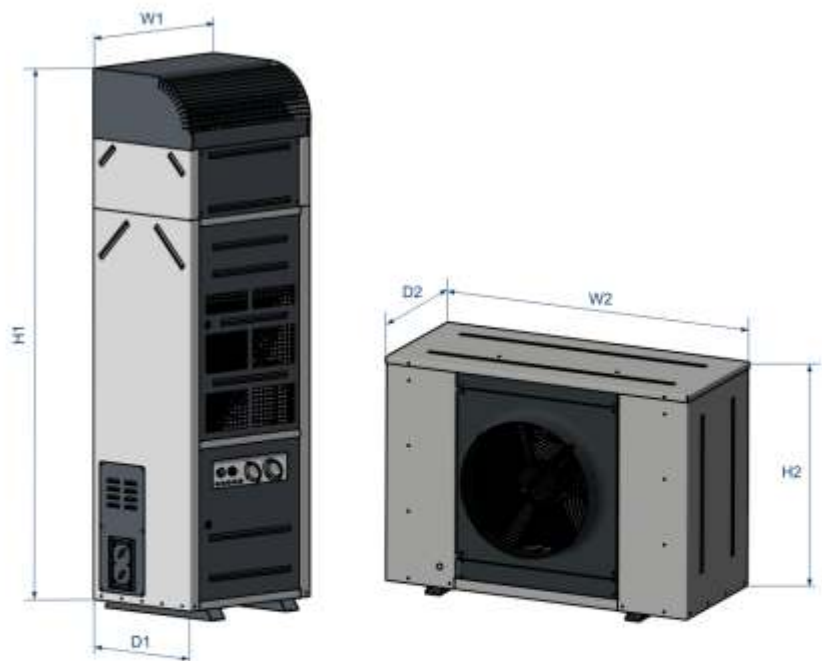
Model		MS.03.AC.Ex	MS.05.AC.Ex
Cooling capacity (kW) ^①	50Hz	8,6	15,5
	60Hz	10,1	18,0
Cooling capacity (btu/h) ^①	50Hz	29379	52888
	60Hz	34292	61248
Power consumption (kW) ^①	50Hz	3,0	4,4
	60Hz	4,6	5,6
Power Supply		3 Phase, 380/440V, 50/60 Hz (other power supplies upon request)	
Casing / color		Heavy duty galvanized steel with electrostatic light/dark grey coating	
Compressor		Copeland® high efficiency scroll compressor	
Horse Power	hp	3	5
Condenser		Cross fin coil Condenser for tropical conditions with anticorrosion coating for increased lifetime	
Condenser Fan		WEG® ATEX fan motor Ex nA IIC T3 Ge with antistatic blade Ø500	
Evaporator		Cross fin coil (copper tubes/aluminum fins)	
Evaporator Fan		EBM® high efficiency erp-ready radical fan	
Air flow	50Hz	1773	2750
	60Hz	2052	3241
Sound pressure level (indoor 60Hz)	dBA	64	72
Refrigerant		R407c	
Indoor Dimensions (with plenum)	W1 x H1 x D1 mm	625 x 1750 x 505	
Indoor Dimensions (with plenum and optional heaters)	W1 x H1 x D1 mm	625 x 2010 x 505	
Outdoor Dimensions	W2 x H2 x D2 mm	1225 x 875 x 525	

Notes: ^① Cooling capacity based on evaporator entering air temp. 27°C D.B. - 50% R.H. and environmental temperature 35°C.

Using a marine specialized package air condition, you will have increased performance and efficiency and larger lifetime of the unit with less maintenance and faults in comparison to residential air condition units.

Optional:

- Electric heaters for heating
- Air discharge duct connections
- Other power supplies upon request
- Spare parts kit



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