

Packaged Air Condition Unit Marine type

New

design for increased
Efficiency



Advantages:

- ① Reduced power consumption up to 28%!
- ② Reduced noise up to 18dBA!
- ③ Easier transportation by air.
- ④ High quality brands for main components (Copeland compressor, EBM fan, FARAD condenser).

Packaged A/C Unit

Model		MP.03.SW.D	MP.05.SW.D	MP.08.SW.D	MP.10.SW.D
Cooling capacity (kW) ^①	50Hz	8,7	15,3	26,2	33,2
	60Hz	10,1	17,6	30,0	38,1
Cooling capacity (btu/h) ^①	50Hz	29686	52035	89398	113283
	60Hz	34292	59883	102364	130003
Power consumption (kW) ^①	50Hz	1,9	3,6	5,8	7,3
	60Hz	2,4	4,5	7,3	9,4
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	8	10
Condenser		Farad® heavy duty shell & tube condenser for sea water			
Sea water connection	O.D. Inch	1"	1.1/4"	2"	2"
Max Water flow	(m3/h)	3,4	5,1	10,5	14
Evaporator		Cross fin coil (copper tubes/aluminum fins)			
Evaporator Fan		EBM® high efficiency erp-ready radical fan			
Air flow ^③	50Hz	2039	3072	4517	4501
	60Hz	2368	3636	5179	5171
Sound pressure level (60Hz)	dBA	62	70	75	75
Refrigerant		R407C			
Dimensions (with plenum)	W x H x D	880 x 1660 x 580		1300 x 1740 x 605	

Notes: ^① Cooling capacity based on evaporator entering air temp. 27°C D.B. - 50% R.H. and entering condenser water temp. 32°C. ^② For average European climate zone - Energy class is provided for reference according to E.U. legislation for commercial A/C units, as marine A/C units are not ranked to energy class. ^③ Air flow for free air throw.

Packaged air condition units are available at standard design with scroll compressor, direct driven plug fan and sea water cooled condenser at a variety of cooling capacities.

- Custom designs are also available.
- The unit is plug & play: It requires only a power supply for the electric panel and a water supply for the condenser.
- Included: Operation & Installation manual, Spare parts list.

Optional equipment:

- Heaters (electric, hot water or steam)
- Humidifier
- Anti-corrosion coating of the evaporator
- Spare parts kit
- Tools kit



We can guarantee the high performance and long lifetime of our products.

For guarantee terms visit our website: www.psychotherm.gr



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