

Refrigerated Air Dryer Marine type

1
YEAR
GUARANTEE

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Advantages:

- ① Protects pneumatic equipment from moisture.
- ② Floor mounting type with compact dimensions.
- ③ Energy saving design with improved efficiency for reduced power consumption.
- ④ Tropical condenser to operate on high temperature environment.
- ⑤ 50/60Hz power supply.
- ⑥ Low noise EBM plug fans.
- ⑦ Easy maintenance access.

Air Dryer - Marine type



Refrigerated air dryer for compressed air includes:

- Hermetic compressor with higher efficiency for reduced power consumption.
- Air cooled condenser for tropical conditions, special for the high temperatures of the marine environment.
- EBM low noise plug fan.
- Automatic drain with timer.
- Hot gas by-pass valve to adjust to lower cooling loads.
- SWEP ADWIS plate heat exchanger which combines two operations (a refrigerated heat exchanger and a recovery unit) sandwiching an integrated separator in a modular design.
- **Optional:** inlet and outlet air filters integrated to the unit.

Model	AD.50.AC.E	AD.100.AC.E	AD.150.AC.E	AD.200.AC.E	AD.300.AC.E	
Volume in Nm ³ /h*	50	100	150	200	300	
Motor Power (hp)	1/6	1/4	3/8	1/2	3/4	
Power supply	230V, 50/60Hz					
Refrigerants	R134a					
Maximum pressure	16 bar					
Maximum ambient temperature	50°C					
Connections (inch)	Air	3/4"	3/4"	1.1/4"	1.1/4"	1.1/4"
	Drainage	1/2"	1/2"	3/4"	3/4"	3/4"
Dimensions (mm)	W	404		454		
	H	708		808		
	D	454		504		

Design data: 8 bar (abs), $t_{dew} = 3^{\circ}C$, $dp = 20kPa$, $t_{in-out} = 8-10K$

