

REFRIGERATED COMPRESSED AIR DRYER

MODEL:
ESD480 230/1/50
Rated capacity
RATED CAPACITY

m ³ /h	480
l/min	8000
cfm	282

Power supply

V/Ph/Hz	230/1/50
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Power consumption

KW	1,28
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Full Load cons.

KW	1,77
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Rated absorpt.

Ampere	6,2
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Full Load Ampere

Ampere	8,7
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Lock. Rotor Ampere

Ampere	33,00
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Weight

Kg / Lbs	130/287
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Air connection

IN/OUT	1-1/2"BSP
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Coolant type

Freon	R407C
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Inlet air temp.

°C / °F	35 / 95 - (Max 55 / 131)
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Outlet air temp.

°C / °F	25 / 77 - (Max 40 / 104)
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Ambient temp.

°C / °F	25 / 77 - (Max 45 / 113)
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Working pressure

bar / psi	7 / 100 - (Max 16 / 232)
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Pressure drop

bar / psi	0,18 / 2,61 - (Max 0,34 / 5)
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Pressure dew point

°C / °F	3/37° - ISO CLASS 4
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Standard features

Control panel:	Electronic system type
Condenser cooling:	Air cooled
Ventilator motor:	Suction fan
Heat exchanger:	Aluminium bar & plate, 3-Layers
Expansion method:	Capillary tube
Separator type:	Demister type
Compressor type:	Hermetic type
Glycol circulator:	Centrifugal
Installation location:	Indoor
Drain discharge:	Timed solenoid valve
Electric protection:	IP 42

Performances refer to air suction of FAD 20°C (68°F), 1 bar (1 4.5 psig), and the following operating conditions: 7 bar (100 psig) working pressure, 3°C (37°F) pressure dewpoint, 25° C (77°F) ambient temperature, 35°C (95°F) compressed air inlet temperature.

Performances & specifications: +/- 5%

