

REFRIGERATED COMPRESSED AIR DRYER

MODEL:
ESD1000 400/3/50
Rated capacity
RATED CAPACITY

m ³ /h	1000
l/min	16667
cfm	588

Power supply

V/Ph/Hz 400/3/50

Power consumption

KW 1,95

Full Load cons.

KW 3,55

Rated absorpt.

Ampere 3,9

Full Load Ampere

Ampere 5,84

Lock. Rotor Ampere

Ampere 45

Weight

Kg / Lbs 162/357

Air connection

IN/OUT 2"BSP

Coolant type

 Freon **R407C**
Inlet air temp.

°C / °F 35 / 95 - (Max 55 / 131)

Outlet air temp.

°C / °F 25 / 77 - (Max 40 / 104)

Ambient temp.

°C / °F 25 / 77 - (Max 45 / 113)

Working pressure

bar / psi 7 / 100 - (Max 13 / 188)

Pressure drop

bar / psi 0,24 / 3,48 - (Max 0,34 / 5)

Pressure dew point

°C / °F 3/37° - ISO CLASS 4

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:	No loss drain
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%

