

## REFRIGERATED COMPRESSED AIR DRYER

**MODEL:**
**ESD180 230/1/50**
*Rated capacity*

<b>RATED CAPACITY</b>	m <sup>3</sup> /h	180
	l/min	3000
	cfm	106
<b>Power supply</b>	V/Ph/Hz	230/1/50
<b>Power consumption</b>	KW	0,65
<b>Full Load cons.</b>	KW	0,84
<b>Rated absorpt.</b>	Ampere	4,29
<b>Full Load Ampere</b>	Ampere	4,84
<b>Lock. Rotor Ampere</b>	Ampere	24,00
<b>Weight</b>	Kg / Lbs	60/132
<b>Air connection</b>	IN/OUT	1" BSP
<b>Coolant type</b>	Freon	<b>R134a</b>
<b>Inlet air temp.</b>	°C / °F	35 / 95 - (Max 55 / 131)
<b>Outlet air temp.</b>	°C / °F	25 / 77 - (Max 40 / 104)
<b>Ambient temp.</b>	°C / °F	25 / 77 - (Max 45 / 113)
<b>Working pressure</b>	bar / psi	7 / 100 - (Max 16 / 232)
<b>Pressure drop</b>	bar / psi	0,12 / 1,74 - (Max 0,34 / 5)
<b>Pressure dew point</b>	°C / °F	3/37° - ISO CLASS 4

### Standard features

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

