

## REFRIGERATED COMPRESSED AIR DRYER

**MODEL:** **ESD 1500 400/3/50**

		<i>Rated capacity*</i>	
<b>Flow rate</b>	m <sup>3</sup> /h	1500	
	l/min	25000	
	cfm	882,9	
<b>Inlet air temperature</b>	°C / °F	35 / 95	(Max 60 / 140)
<b>Outlet air temperature</b>	°C / °F	27 / 81	(Max 47 / 117)
<b>Ambient temperature</b>	°C / °F	25 / 77	(Max 46 / 115)
<b>Working pressure</b>	bar / psi	7,0 / 102	(Max 14 / 203)
<b>Pressure drop</b>	bar / psi	0,16 / 2,3	(Max 0,36 / 5,2)
<b>Pressure dew point</b>	°C / °F	3 / 37	
<b>Power consumption</b>	kW	2,455	(Max 4,945)
<b>Power supply</b>	V/Ph/Hz	400/3/50	(±10% / -- / ±1)
<b>Rated adsorption</b>	A	6,2	(Max 9,54)
<b>Lock Rotor Ampere</b>	A	50	
<b>Weight</b>	Kg / Lbs	394 / 869	
<b>Air connections</b>	IN/OUT	3"	
<b>Coolant type</b>	Freon	<b>R407C</b>	

**Standard features**

<b>Control panel:</b>	Electronic system type	<b>Separator type:</b>	Demister type
<b>Condenser cooling:</b>	Air cooled	<b>Compressor type:</b>	Hermetic type
<b>Ventilator motor:</b>	Suction fan	<b>Installation location:</b>	Indoor
<b>Heat exchanger:</b>	Aluminium brazed plate	<b>Drain discharge:</b>	No loss (Smart drain)
<b>Glycol circulator:</b>	Centrifugal	<b>Electric protection:</b>	IP 42
<b>Expansion method:</b>	Capillary tube		

\* Performances refer to air suction of FAD 20°C (68°F), 1 bar (14.5 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%**

