



# TECHNICAL DATA SHEET

**CODE:**  
**08S.2250AG0.00BG**  
 Rel.03 Pg.1/1  
 Date 27/10/2016

## REFRIGERATED COMPRESSED AIR DRYER

**MODEL:** ESD 2250 400/3/50

		Rated capacity*	
Flow rate	m <sup>3</sup> /h	2250	
	l/min	37500	
	cfm	1324,3	
Inlet air temperature	°C / °F	35 / 95	(Max 55 / 131)
Outlet air temperature	°C / °F	27 / 81	(Max 47 / 117)
Ambient temperature	°C / °F	25 / 77	(Max 45 / 113)
Working pressure	bar / psi	7,0 / 102	(Max 14 / 203)
Pressure drop	bar / psi	0,25 / 3,6	(Max 0,36 / 5,2)
Pressure dew point	°C / °F	3 / 37	
Power consumption	kW	3,66	(Max 5,42)
Power supply	V/Ph/Hz	400/3/50	(±10% / -- / ±1)
Rated adsorption	A	6,54	(Max 9,33)
Lock Rotor Ampere	A	70	
Weight	Kg / Lbs	270 / 595	
Air connections	IN/OUT	3"	
Coolant type	Freon	R407C	

### 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>	Aluminum brazed plate	<b>Drain discharge:</b>	Integrated no loss 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%

