TECHNICAL DATA SHEET

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REFRIGERATED COMPRESSED AIR DRYER

MODEL: **ED 1300 400/3/50**

		Rated capacity*	
Flow rate	m³/h l/min cfm	1300 21667 765,2	
Inlet air temperature	°C / °F	35 / 95	(Min 5 / 41 ÷ Max 60 / 140)
Outlet air temperature	°C / °F	27 / 81	(Max 47 / 117)
Ambient temperature	°C / °F	25 / 77	(Min 2 / 36 ÷ Max 46 / 115)
Working pressure	bar / psi	7,0 / 101,5	(Min 3 / 44 ÷ Max 14 / 203)
Pressure drop	bar / psi	0,16 / 2,32	(Max 0,36 / 5,22)
Pressure dew point	°C / °F	3 / 37	
Power supply	V/Ph/Hz	400/3/50	(±10% / -- / ±1)
Rated power consumption	kW	2,58	(Max 5,22)
Rated adsorption	A	5,33	(Max 8,94)
Lock Rotor Ampere	A	50	
Condenser cooling air flow rate	m³/h	5800	
Condenser max heat rejection	kW	20	
Weight	kg / Lbs	234 / 516	
Air connections	IN/OUT	3" BSP	
Coolant type	Freon / kg / t CO_2	**R513A / 4,6 / 2,904**	

Standard features

Control panel:	*Electronic system type*	***Separator type:***	*Demister type*
Condenser cooling:	*Air cooled*	***Compressor type:***	*Hermetic type*
Ventilator motor:	*Suction fan*	***Installation location:***	*Indoor*
Heat exchanger:	*Aluminium brazed plate*	***Drain discharge:***	*No loss (Smart drain)*
Expansion method:	*Capillary tube + by-pass*	***Electric protection:***	*IP 42*

* ***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%

	Air in		Power supply		Air flow
	Air out		Condensate outlet