



TECHNICAL DATA SHEET

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REFRIGERATED COMPRESSED AIR DRYER

MODEL: **DD 500 230/1/50**

Rated capacity*

Flow rate	m ³ /h	500	
	l/min	8333	
	cfm	294,3	
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 / 101,5	(Max 16 / 232)
Pressure drop	bar / psi	0,21 / 3,0	(Max 0,34 / 4,9)
Pressure dew point	°C / °F	7 / 45	
Power supply	V/Ph/Hz	230/1/50	(±10% / -- / ±1)
Rated power consumption	kW	0,9	(Max 1,41)
Rated adsorption	A	4,27	(Max 6,68)
Lock Rotor Ampere	A	28	
Weight	Kg / Lbs	84 / 185	
Air connections	IN/OUT	1"½ BSP	
Coolant type	Freon	R407C	

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:	Timed solenoid valve
Expansion method:	Capillary tube	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, 7°C (44.5°F) pressure dewpoint, 25°C (77°F) ambient temperature, 35°C (95°F) compressed air inlet temperature.

Performances & specifications: +/- 5%

