



# TECHNICAL DATA SHEET

**CODE:**  
**08F.0500AG0.00B0**

Rev.03 Pg.1/1  
Date 12/01/2021

## REFRIGERATED COMPRESSED AIR DRYER

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

Rated capacity\*

<b>Flow rate</b>	m <sup>3</sup> /h	500	
	l/min	8333	
	cfm	294,3	
<b>Inlet air temperature</b>	°C / °F	35 / 95	(Max 55 / 131)
<b>Outlet air temperature</b>	°C / °F	27 / 81	(Max 47 / 117)
<b>Ambient temperature</b>	°C / °F	25 / 77	(Max 45 / 113)
<b>Working pressure</b>	bar / psi	7,0 / 101,5	(Max 16 / 232)
<b>Pressure drop</b>	bar / psi	0,21 / 3,0	(Max 0,34 / 4,9)
<b>Pressure dew point</b>	°C / °F	7 / 45	
<b>Power supply</b>	V/Ph/Hz	230/1/50	(±10% / -- / ±1)
<b>Rated power consumption</b>	kW	0,9	(Max 1,41)
<b>Rated adsorption</b>	A	4,27	(Max 6,68)
<b>Lock Rotor Ampere</b>	A	28	
<b>Weight</b>	Kg / Lbs	84 / 185	
<b>Air connections</b>	IN/OUT	1"½ BSP	
<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>	Timed solenoid valve
<b>Expansion method:</b>	Capillary tube	<b>Electric protection:</b>	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%**

