



# TECHNICAL DATA SHEET

**CODE:**  
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## REFRIGERATED COMPRESSED AIR DRYER

**MODEL:** **HTD 102 230/1/50**

Rated capacity\*

Flow rate	m <sup>3</sup> /h	102	
	l/min	1700	
	cfm	60,1	
Inlet air temperature	°C / °F	60 / 140	(Max 82 / 180)
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	0,11 / 1,60	(Max 0,34 / 4,93)
Pressure dew point	°C / °F	7 / 45	
Power supply	V/Ph/Hz	230/1/50	(±10% / -- / ±1)
Rated power consumption	kW	0,41	(Max 0,63)
Rated adsorption	A	2,47	(Max 3,36)
Lock Rotor Ampere	A	20	
Weight	Kg / Lbs	54 / 119	
Air connections	IN/OUT	¾" BSP	
Coolant type	Freon	R134a	

### 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, 3°C (37°F) pressure dewpoint, 25°C (77°F) ambient temperature, 60°C (140°F) compressed air inlet temperature.

Performances & specifications: +/- 5%

