



TECHNICAL DATA SHEET

CODE:
08F.0144BG0.00B0

Rev.00 Pg.1/1
Date 08/10/2012

REFRIGERATED COMPRESSED AIR DRYER

MODEL: DD 144 230/1/50 [230/1/60]

Rated capacity*

Flow rate	m ³ /h	144	
	l/min	2400	
	cfm	84,8	
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 / 101,50	(Max 16 / 232)
Pressure drop	bar / psi	0,130 / 1,89	(Max 0,34 / 4,93)
Pressure dew point	°C / °F	7 / 45	ISO Class 5
Power supply	V/Ph/Hz	230/1/50 [230/1/60]	(±10% / -- / ±1)
Rated power consumption	kW	0,41 [0,5]	(Max 0,56 [0,73])
Rated adsorption	A	2,92 [3,01]	(Max 3,56 [3,90])
Lock Rotor Ampere	A	16 [17,6]	
Weight	Kg / Lbs	31 / 68	
Air connections	IN/OUT	3/4"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:	Pusher 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%

