



TECHNICAL DATA SHEET

CODE:
08L.0018BG0.00B0
Rev.10 Pg.1/1
Date 08/07/2024

REFRIGERATED COMPRESSED AIR DRYER

MODEL:

ED 18 230/1/50






		Rated capacity*	Selected capacity	
Flow rate	m³/h	18	18	
	l/min	300	300	
	cfm	10,6	10,6	
Inlet air temperature	°C / °F	35 / 95	35 / 95	(Min 5 / 41 ÷ Max 60 / 140)
Outlet air temperature	°C / °F	27 / 81	27 / 81	(Max 47 / 117)
Ambient temperature	°C / °F	25 / 77	25 / 77	(Min 2 / 36 ÷ Max 50 / 122)
Working pressure	bar / psi	7,0 / 101,5	7,0 / 101,5	(Min 3 / 44 ÷ Max 16 / 232)
Pressure drop	bar / psi	0,02 / 0,29	0,02 / 0,29	(Max 0,34 / 4,93)
Pressure dew point	°C / °F	3 / 37	3 / 37	
LOAD MARGIN	%	0,00		
Power supply	V/Ph/Hz	230/1/50		(±10% / -- / ±1)
Rated power consumption	kW	0,06		(Max 0,17)
Rated adsorption	A	0,9		(Max 1,04)
Lock Rotor Ampere	A	8,5		
Condenser cooling air flow rate	m³/h	350		
Condenser max heat rejection	kW	0,7		
Weight	kg / Lbs	19 / 42		
Air connections	IN/OUT	¾" BSP		
Coolant type	Freon / kg / t CO ₂	R513A / 0,135 / 0,09		

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, 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		

