



TECHNICAL DATA SHEET

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REFRIGERATED COMPRESSED AIR DRYER

MODEL:

ED 780 400/3/50

Rated capacity*

Flow rate	m ³ /h	780	
	l/min	13000	
	cfm	459,1	
Inlet air temperature	°C / °F	35 / 95	(Max 60 / 140)
Outlet air temperature	°C / °F	27 / 81	(Max 47 / 117)
Ambient temperature	°C / °F	25 / 77	(Max 50 / 122)
Working pressure	bar / psi	7,0 / 101,5	(Max 16 / 232)
Pressure drop	bar / psi	0,29 / 4,21	(Max 0,34 / 4,93)
Pressure dew point	°C / °F	3 / 37	
Power supply	V/Ph/Hz	400/3/50	(±10% / -- / ±1)
Rated power consumption	kW	1,9	(Max 3,47)
Rated adsorption	A	3,55	(Max 5,49)
Lock Rotor Ampere	A	45	
Weight	Kg / Lbs	164 / 362	
Air connections	IN/OUT	2" 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 + by-pass	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%

