

REFRIGERATED COMPRESSED AIR DRYER

MODEL:

ED 780 400/3/50

Rated capacity*

Flow rate	m³/h	780	
	l/min	13000	
	cfm	459,1	
Inlet air temperature	°C / °F	35 / 95	(Min 5 / 41 ÷ Max 60 / 140)
Outlet air temperature	°C / °F	27 / 81	(Max 47 / 117)
Ambient temperature	°C / °F	25 / 77	(Min 2 / 36 ÷ Max 50 / 122)
Working pressure	bar / psi	7,0 / 101,5	(Min 3 / 44 ÷ Max 13 / 189)
Pressure drop	bar / psi	0,25 / 3,63	(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	1,67	(Max 3,42)
Rated adsorption	A	3,6	(Max 6,2)
Lock Rotor Ampere	A	34	
Condenser cooling air flow rate	m³/h	2900	
Condenser max heat rejection	kW	13	
Weight	kg / Lbs	164 / 362	
Air connections	IN/OUT	2" BSP	
Coolant type	Freon / kg / t CO ₂	R513A / 1,9 / 1,2	

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: No loss drain

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%

