

REFRIGERATED COMPRESSED AIR DRYER

MODEL:
ESD144 230/1/50
Rated capacity

RATED CAPACITY	m ³ /h	144
	l/min	2400
	cfm	85
Power supply	V/Ph/Hz	230/1/50
Power consumption	KW	0,51
Full Load cons.	KW	0,78
Rated absorpt.	Ampere	3,15
Full Load Ampere	Ampere	4,39
Lock. Rotor Ampere	Ampere	21,00
Weight	Kg / Lbs	50/110
Air connection	IN/OUT	3/4" BSP
Coolant type	Freon	R134a
Inlet air temp.	°C / °F	35 / 95 - (Max 55 / 131)
Outlet air temp.	°C / °F	25 / 77 - (Max 40 / 104)
Ambient temp.	°C / °F	25 / 77 - (Max 45 / 113)
Working pressure	bar / psi	7 / 100 - (Max 16 / 232)
Pressure drop	bar / psi	0,18 / 2,61 - (Max 0,34 / 5)
Pressure dew point	°C / °F	3/37° - ISO CLASS 4

Standard features

Control panel:	Electronic system type
Condenser cooling:	Air cooled
Ventilator motor:	Pusher fan
Heat exchanger:	Aluminium bar & plate, 3-Layers
Expansion method:	Capillary tube
Separator type:	Demister type
Compressor type:	Hermetic type
Glycol circulator:	Centrifugal
Installation location:	Indoor
Drain discharge:	Timed solenoid valve
Electric protection:	IP 42

Performances refer to air suction of FAD 20°C (68°F), 1 bar (1 4.5 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%

