Ingersoll Rand

TECHNICAL DATA SHEET

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Rel.06 Pg.1/1
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REFRIGERATED COMPRESSED AIR DRYER

MODEL: **D3000EC-A 400/3/50**

		Rated capacity*	Selected capacity		
Flow rate	m³/h	3000	3000		
	l/min	50000	50000		
	cfm	1765,7	1.765,7		
			Max conditions	**Average conditions**	
Inlet air temperature	°C / °F	35 / 95	35 / 95	25 / 77	(Max 60 / 140)
Outlet air temperature	°C / °F	27 / 81	27 / 81	17 / 63	(Max 40 / 104)
Ambient temperature	°C / °F	25 / 77	25 / 77	15 / 59	(Max 46 / 115)
Working pressure	bar / psi	7,0 / 102	7,0 / 102	7,0 / 102	(Max 13 / 189)
Pressure drop	bar / psi	0,18 / 2,6	0,18 / 2,6	0,18 / 2,6	(Max 0,34 / 4,9)
Pressure dew point	°C / °F	3 / 37	3 / 37	3 / 37	
AIR FLOW MARGIN	**%**		**0,00**		
Power consumption	kW	6,51	6,51	4,38	(Max 10,03)
Power supply	V/Ph/Hz	400/3/50			(±10% / -- / ±1)
Rated adsorption	A	14,15			(Max 18,55)
Lock Rotor Ampere	A	130			
Weight	Kg / Lbs	870 / 1.918			
Air connections	IN/OUT	DN125			
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:**	*No loss (Smart drain)*
Glycol circulator:	*Centrifugal*	**Electric protection:**	*IP 42*
Expansion method:	*Capillary tube*		

*** 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%

