

SUB FREEZING AIR DRYER

MODEL:

SFD420

Rated capacity*

Flow rate	m ³ /h	420	
	l/min	7000	
	cfm	247,2	
Inlet air temperature	°C / °F	35 / 95	(Min 20/68 - Max 50/122)
Outlet air temperature	°C / °F	30 / 86	(Min 15/59 - Max 45/113)
Ambient temperature	°C / °F	25 / 77	(Min 5/41 - Max 45/113)
Working pressure	bar / psi	7,0 / 101,5	(Min 2,5/36 - Max 14/203)
Pressure drop	bar / psi	0,20 / 2,90	(Max 0,34/4,93)
Pressure dew point	°C / °F	-20 / -4	Not assured in case of "Intermittent Flow"
Power supply	V/Ph/Hz	400/3/50	(±10% / -- / ±1)
Rated power consumption	kW	1,78	(Max 4,01)
Rated adsorption	A	3,9	(Max 7,18)
Lock Rotor Ampere	A	30,0	
Weight	kg / Lbs	352 / 776	
Air connections	IN/OUT	1"½ BSP	
Coolant type	Freon / kg / t CO ₂	R452A / 3,0 Kg / 6,420 t CO 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:	Integrated no loss drain
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, -20°C (-4°F) pressure dewpoint, 25°C (77°F) ambient temperature, 35°C (95°F) compressed air inlet temperature.

Performance and specifications + / - 5%

	Air in		Power supply		Air flow
	Air out		Condensate outlet		

