

DRYER DATA SHEET Refrigerant Dryers

MODEL DATA				
1	Manufacturer	Atlas Copco		
2	Date	October 28,2020		
3	Model Number	FD 100 VSD		
4	Cycling/Non-Cycling	Cycling		
5	Refrigerant Type	R410A		
6	Air/Water Cooled	Air		
7	Voltage	460/3/60		
	DESCRIPTION	FULL FLOW	10% FLOW	UNITS
8	Tested Flow	210	21	scfm ^b
9	Outlet Pressure Dewpoint	39.2	39.2	°F
10	Pressure Drop	2.32	0.5	psi(d)
11	Total Dryer Input Power	1.45	0.74	kW
12	Specific Package Power ^c	0.69	0.35	kW/100 scfm

Notes:

- a. Dryer ratings at the following inlet conditions to the dryer (as per ISO 7183, Table 2, Option A2):
 - Inlet Compressed Air Temperature: 100°F (38°C)
 - Inlet Compressed Air Pressure: 100 psig (7 Bar)
 - Max. Ambient Air Temperature: 100°F (38°C)
 - Inlet Compressed Air Relative Humidity: 100% (Saturated)
- b. SCFM defined as the volume of free air in cubic feet per minute measured at 14.5 psia (1.0 Bar), 68°F (20°C) temperature and 0% R.H. (0 WVP).
- c. (Total Dryer Input Power/tested flow) x 100

Member

This form was developed by the Compressed Air and Gas Institute for the use of its members. CAGI has not independently verified the reported data.



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