

DRYER DATA SHEET

Refrigerant Dryers

MODEL DATA				
1	Manufacturer	Atlas Copco		
2	Date	Rev 4 9-30-2019		
3	Model Number	FD-310A		
4	Cycling/Non-Cycling	Cycling		
5	Refrigerant Type	R410a		
	DESCRIPTION	FULL FLOW	10% FLOW	UNITS
6	Tested Flow	657	66.6	scfm ^b
7	Outlet Pressure Dewpoint	44.5	44.5	°F
8	Pressure Drop	3.1	0.01	psi(d)
9	Total Dryer Input Power	4.5	4.5	kW
10	Specific Package Power ^c	0.68	6.85	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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