

DRYER DATA SHEET

Membrane Type Dryers

MODEL DATA			
1	Manufacturer		
2	Model Number		
	DESCRIPTION	FULL FLOW	UNITS
3	Maximum Design Flow (outlet) ^a		scfm ^b
4	Outlet Pressure Dewpoint		°F
5	Pressure Drop		psi(d)
6	Purge Flow		scfm
7	Calculated Power-Purge ^c		kW
8	Specific Package Power ^d		kW/100 scfm

Notes:

- a. Dryer ratings at the following inlet conditions to the dryer (as per adopted CAGI Standard ADF 700):
 - Inlet Compressed Air Temperature: 100°F (37.78°C)
 - Inlet Compressed Air Pressure: 100 psig (6.9 Bar)
 - 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. Average purge flow power calculation: $\text{Power} = \text{Purge Flow} \div 4.2 \times 0.746$
- d. $\text{Calculated Power-Purge} / \text{Maximum design flow} \times 100$

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.