

HMD Series Specifications

Inlet/Outlet Flow Capacities scfm (nm³/h) @ 100 psig (kg/cm²)³

INLET TEMP		FLOW	OUTLET PRESSURE DEW POINT				
			40°F 4.4°C	20°F -6.7°C	0°F -17.8°C	-20°F -29°C	-40°F -40°C
°F	°C						
RHD016SS	40	In		27.7	17.1	13.1	10.9
		Out		24.3	13.7	9.7	7.5
	60	In	28.8	18.7	14.1	11.7	10.1
		Out	25.4	15.3	10.7	8.3	6.7
	80	In	20.4	15.1	12.4	10.7	9.5
		Out	17	11.8	9	7.3	6.1
	100	In	16.3	13.3	11.3	10	9
		Out	12.9	9.9	7.9	6.6	5.6
	120	In	14.2	12.1	10.6	9.5	8.6
		Out	10.8	8.7	7.2	6.1	5.2
RHD026SS	40	In		47	29	22.2	18.5
		Out		41.3	23.3	16.5	12.8
	60	In	48.9	31.7	23.9	19.8	17.1
		Out	43.2	26	18.2	14.1	11.4
	80	In	34.6	25.8	21	18.1	16.1
		Out	28.9	20.1	15.3	12.4	10.4
	100	In	27.6	22.5	19.1	16.9	15.2
		Out	21.9	16.8	13.4	11.2	9.5
	120	In	24.1	20.5	17.9	16.1	14.5
		Out	18.4	14.8	12.2	10.4	8.8
RHD052SS	40	In		94	58	44.4	37
		Out		82.6	48.6	33	25.6
	60	In	97.8	63.4	47.8	39.6	34.2
		Out	86.4	52	36.4	28.2	22.8
	80	In	69.2	51.6	42	36	32.2
		Out	57.8	40.2	30.6	24.8	20.8
	100	In	55.2	45	38.2	33.8	30.4
		Out	43.8	33.6	26.8	22.4	19
	120	In	48.2	41	35.8	32.2	29
		Out	36.8	29.6	24.4	20.8	17.6

1 Use inlet air temperature if the air entering the dryer has not been dried upstream (air is saturated). If air has been dried. (e.g. in a refrigerated dryer) use the dew point temperature of the inlet air.

2 Models HMD20-7, 8, and 9 for higher flows are available. Model HMD20-7 is three HMD20-5s piped in parallel. Multiply flows found in HMD20-5 table by 3 to determine capacity.

Model HMD20-8 is two HMD20-6s, and HMD20-9 is three HMD20-6s piped in parallel. Multiply flows in HMD20-6 table by 2 or 3 to find flow capacity.

3 Flow capacities at 100 psig (7 kg/cm²). For capacities at other pressures consult factory. Capacities are established in accordance with CAGI (Compressed Air and Gas Institute) Standard ADF 700: Membrane Compressed Air Dryers - Methods for Testing and Rating.