

# HMD Series Specifications

**Inlet/Outlet Flow Capacities** scfm (nm<sup>3</sup>/h) @ 100 psig (kg/cm<sup>2</sup>)<sup>3</sup>

	INLET TEMP		FLOW	OUTLET PRESSURE DEW POINT					
				50°F	40°F	20°F	0°F	-20°F	-40°F
	°F	°C		10°C	4.4°C	-6.7°C	-17.8°C	-29°C	-40°C
HMD20-4	40	4.4	In				20.5	15.9	12.8
			Out				18.0	13.4	10.3
	60	16	In			22.2	17.1	13.8	11.3
			Out			19.7	14.6	11.3	8.8
	80	27	In		23.8	18.3	14.9	12.3	10.2
			Out		21.3	15.8	12.4	9.8	7.7
	100	38	In	21.8	19.5	16.0	13.3	11.1	9.3
			Out	19.3	17.0	13.5	10.8	8.6	6.8
	120	49	In	18.6	17.0	14.3	12.1	10.2	8.6
			Out	16.1	14.5	11.8	9.6	7.7	6.1
	150	66	In	15.7	14.6	12.5	10.7	9.1	7.7
			Out	13.2	12.1	10.0	8.2	6.6	5.2
HMD20-5	40	4.4	In				34	26.2	20.9
			Out				29.8	22	16.7
	60	16	In			36.9	28.2	22.6	18.4
			Out			32.7	24	18.4	14.2
	80	27	In		39.7	30.4	24.5	20.1	16.5
			Out		35.5	26.2	20.3	15.9	12.3
	100	38	In	36.3	32.4	26.4	21.8	18.1	15
			Out	32.1	28.2	22.2	17.6	13.9	10.8
	120	49	In	30.8	28.2	23.6	19.7	16.5	13.7
			Out	26.6	24	19.4	15.5	12.3	9.5
	150	66	In	25.8	24	20.5	17.3	14.6	12.2
			Out	21.6	19.8	16.3	13.1	10.4	8
HMD20-6	40	4.4	In				66.4	51	40.7
			Out				58.2	42.8	32.5
	60	16	In			72	55	44.1	35.8
			Out			63.8	46.8	35.9	27.6
	80	27	In		77.4	59.3	47.7	39.1	32.1
			Out		69.2	51.1	39.5	30.9	23.9
	100	38	In	70.8	63.3	51.4	42.4	35.2	29.1
			Out	62.6	55.1	43.2	34.2	27	20.9
	120	49	In	60.1	54.9	45.9	38.4	32.1	26.7
			Out	51.9	46.7	37.7	30.2	23.9	18.5
	150	66	In	50.3	46.7	39.8	33.7	28.4	23.8
			Out	42.1	38.5	31.6	25.5	20.2	15.6

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/cm<sup>2</sup>). 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.