

	INLET(I) TEMP.	OUTLET PRESSURE DEW POINT					
		50°F (10°C)	40°F (4.4°C)	20°F (-6.7°C)	0°F (-17.8°C)	-20°F (-29°C)	-40°F (-40°C)
MMD1	40°F Inlet (4.4°C) Outlet	—	—	3.14 2.92	1.24 1.02	0.86 0.64	0.63 0.41
	60°F Inlet (16°C) Outlet	4.98 4.77	3.7 3.49	1.39 1.17	0.95 0.73	0.7 0.49	0.53 0.31
	80°F Inlet (27°C) Outlet	2.89 2.67	1.52 1.31	1.06 0.84	0.78 0.57	0.59 0.38	0.45 0.23
	100°F Inlet (38°C) Outlet	1.35 1.13	1.15 0.94	0.87 0.65	0.67 0.45	0.51 0.3	0.38 0.16
	120°F Inlet (49°C) Outlet	1.07 0.85	0.94 0.73	0.74 0.53	0.58 0.37	0.45 0.24	0.34 0.12
	150°F Inlet (66°C) Outlet	0.84 0.63	0.76 0.55	0.62 0.41	0.49 0.29	0.39 0.18	—
MMD2	40°F Inlet (4.4°C) Outlet	—	—	8.25 7.68	3.78 3.21	2.77 2.20	2.16 1.59
	60°F Inlet (16°C) Outlet	13.09 12.52	9.73 9.16	4.16 3.59	3.03 2.45	2.36 1.79	1.89 1.31
	80°F Inlet (27°C) Outlet	7.59 7.02	4.52 3.95	3.30 2.73	2.57 2.00	2.07 1.50	1.68 1.11
	100°F Inlet (38°C) Outlet	4.07 3.50	3.56 2.99	2.80 2.23	2.26 1.69	1.85 1.28	1.51 0.94
	120°F Inlet (49°C) Outlet	3.32 2.76	2.99 2.43	2.45 1.89	2.03 1.46	1.68 1.12	1.38 0.82
	150°F Inlet (66°C) Outlet	2.69 2.14	2.48 1.93	2.10 1.55	1.77 1.22	1.49 0.94	—
MMD3	40°F Inlet (4.4°C) Outlet	—	—	20.3 18.9	8.34 6.94	6.05 4.64	4.67 3.27
	60°F Inlet (16°C) Outlet	32.3 30.8	24.0 22.6	9.24 7.83	6.62 5.21	5.12 3.71	4.07 2.67
	80°F Inlet (27°C) Outlet	18.7 17.3	10.1 8.7	7.25 5.84	5.60 4.19	4.47 3.07	3.62 2.22
	100°F Inlet (38°C) Outlet	9.02 7.61	7.84 6.43	6.11 4.71	4.90 3.49	3.99 2.59	3.27 1.86
	120°F Inlet (49°C) Outlet	7.29 5.91	6.54 5.16	5.32 3.94	4.38 2.99	3.63 2.23	3.00 1.62
	150°F Inlet (66°C) Outlet	5.85 4.50	5.38 4.03	4.53 3.19	3.82 2.47	3.22 1.87	—
MMD4	40°F Inlet (4.4°C) Outlet	—	—	26.7 24.9	11.2 9.3	8.3 6.5	6.5 4.7
	60°F Inlet (16°C) Outlet	42.4 40.6	31.5 29.7	12.3 10.4	9.0 7.2	7.1 5.3	5.7 3.9
	80°F Inlet (27°C) Outlet	24.6 22.7	13.3 11.4	9.8 8.0	7.7 5.9	6.3 4.4	5.1 3.3
	100°F Inlet (38°C) Outlet	12.0 10.1	10.5 8.7	8.4 6.5	6.8 5.0	5.6 3.8	4.7 2.8
	120°F Inlet (49°C) Outlet	9.8 8.0	8.9 7.1	7.4 5.5	6.1 4.3	5.1 3.3	4.3 2.5
	150°F Inlet (66°C) Outlet	8.0 6.2	7.4 5.6	6.3 4.6	5.4 3.6	4.6 2.8	—
MMD5	40°F Inlet (4.4°C) Outlet	—	—	47.6 44.3	20.6 17.3	15.1 11.8	11.8 8.5
	60°F Inlet (16°C) Outlet	75.5 72.2	56.1 52.8	22.7 19.4	16.5 13.2	12.9 9.6	10.3 7.0
	80°F Inlet (27°C) Outlet	43.7 40.5	24.7 21.4	18.0 14.7	14.0 10.7	11.3 8.0	9.2 5.9
	100°F Inlet (38°C) Outlet	22.2 18.9	19.4 16.1	15.3 12.0	12.3 9.0	10.1 6.8	8.3 5.0
	120°F Inlet (49°C) Outlet	18.1 14.8	16.3 13.1	13.3 10.1	11.0 7.8	9.2 6.0	7.6 4.4
	150°F Inlet (66°C) Outlet	14.6 11.5	13.5 10.3	11.4 8.3	9.7 6.5	8.2 5.0	—

	INLET(I) TEMP.	OUTLET PRESSURE DEW POINT					
		50°F (10°C)	40°F (4.4°C)	20°F (-6.7°C)	0°F (-17.8°C)	-20°F (-29°C)	-40°F (-40°C)
MMD6	40°F Inlet (4.4°C) Outlet	—	—	77.6 72.2	32.3 26.9	23.9 18.6	18.8 13.4
	60°F Inlet (16°C) Outlet	123 118	91.5 86.1	35.5 30.1	26.0 20.6	20.5 15.1	16.5 11.2
	80°F Inlet (27°C) Outlet	71.3 66.0	38.4 33.1	28.3 23.0	22.3 16.9	18.1 12.7	14.8 9.4
	100°F Inlet (38°C) Outlet	34.7 29.3	30.4 25.1	24.2 18.8	19.7 14.3	16.2 10.9	13.4 8.0
	120°F Inlet (49°C) Outlet	28.4 23.1	25.7 20.4	21.2 15.9	17.7 12.4	14.8 9.5	12.3 7.0
	150°F Inlet (66°C) Outlet	23.1 17.9	21.3 16.2	18.2 13.1	15.5 10.3	13.2 8.0	—
MMD7	40°F Inlet (4.4°C) Outlet	—	—	147 137	60.8 50.6	44.7 34.5	34.9 24.7
	60°F Inlet (16°C) Outlet	233 223	173 163	67.0 56.8	48.7 38.5	38.1 27.9	30.5 20.4
	80°F Inlet (27°C) Outlet	135 125	72.8 62.6	53.1 43.0	41.5 31.3	33.4 23.3	27.3 17.1
	100°F Inlet (38°C) Outlet	65.5 55.3	57.2 47.1	45.1 35.0	36.5 26.3	30.0 19.8	24.6 14.5
	120°F Inlet (49°C) Outlet	53.3 43.3	48.1 38.1	39.5 29.5	32.7 22.7	27.3 17.3	22.7 12.7
	150°F Inlet (66°C) Outlet	43.1 33.4	39.8 30.1	33.8 24.0	33.8 24.0	28.6 18.9	—
MMD8	40°F Inlet (4.4°C) Outlet	—	—	205 191	90.7 76.5	68.9 54.7	55.1 40.9
	60°F Inlet (16°C) Outlet	326 311	242 228	98.9 84.8	74.4 60.2	59.6 45.5	48.8 34.6
	80°F Inlet (27°C) Outlet	189 174	107 92.4	80.4 66.2	64.4 50.2	53.0 38.9	43.9 29.7
	100°F Inlet (38°C) Outlet	96.9 82.7	85.9 71.8	69.5 55.3	57.4 43.2	48.0 33.8	70.0 25.8
	120°F Inlet (49°C) Outlet	80.4 66.5	73.4 59.4	61.5 47.6	51.9 37.9	43.9 30.0	36.9 23.0
	150°F Inlet (66°C) Outlet	66.3 52.7	61.7 48.1	53.3 39.7	45.8 32.2	39.3 25.7	—
MMD9	40°F Inlet (4.4°C) Outlet	—	—	287 267	118 97.9	89.6 69.7	71.7 51.8
	60°F Inlet (16°C) Outlet	456 136	339 319	129 109	96.7 76.8	77.6 57.7	63.5 43.6
	80°F Inlet (27°C) Outlet	264 244	138 119	105 84.6	83.8 63.9	69.0 49.1	57.2 37.3
	100°F Inlet (38°C) Outlet	126 106	112 91.8	90.4 70.5	74.7 54.8	62.4 42.5	52.0 32.2
	120°F Inlet (49°C) Outlet	104 84.9	95.3 75.8	80.0 60.4	67.5 47.9	57.1 37.6	48.0 28.5
	150°F Inlet (66°C) Outlet	86.1 67.1	80.2 61.1	69.2 50.2	59.5 40.5	51.1 32.0	—

Note:

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. Flow capacities are at 100 psig (7 kgf/cm²). Capacities are established in accordance with CAGI (Compressed Air and Gas Institute) Standard ADF 700; Membrane Compressed Air Dryers - Methods for Testing and Rating. For larger capacities, alternate pressures, and dew points contact your local distributor for assistance.

3 Year Warranty

The standard one year warranty is extended to three years when the dryer is installed with an optional pre-filter package. To keep the warranty in effect, elements must be replaced at six month intervals and the drain mechanism yearly.

MODEL	INLET FLOW/ OUTLET FLOW ⁽¹⁾ CAPACITY SCFM		IN/OUT CONNECTIONS	DIMENSIONS IN (MM)		WEIGHT LB (G)	REPLACEMENT BUNDLES PART NO.
	@ +40°F (+4°C) PDP	@ -40°F (-40°C) PDP		L	W		
MMD1	1.15 (0.94)	0.38 (0.16)	3/8"	11 (281)	8 (209)	5 (2.45)	MMDB1
MMD2	3.56 (2.99)	1.51 (.094)	3/8"	15 (387)	8 (209)	6 (2.77)	MMDB2
MMD3	7.84 (6.43)	3.27 (1.86)	1/2"	19 (486)	8 (209)	7 (3.04)	MMDB3
MMD4	10.5 (8.7)	4.7 (2.8)	1/2"	27 (696)	8 (209)	8 (3.58)	MMDB4
MMD5	19.4 (16.1)	8.3 (5.0)	3/4"	20 (498)	11 (267)	11 (4.90)	MMDB5
MMD6	30.4 (25.1)	13.4 (8.0)	3/4"	27 (696)	11 (267)	14 (6.19)	MMDB6
MMD7	57.2 (47.1)	24.6 (14.5)	1"	29 (747)	12 (310)	17 (7.55)	MMDB7
MMD8	85.9 (71.8)	40.0 (25.8)	1"	35 (885)	14 (346)	35 (15.88)	MMDB8
MMD9	112 (91.8)	52.0 (32.2)	1"	41 (1040)	14 (346)	40 (18.14)	MMDB9

Maximum Operating Pressure:

Membrane dryer: 200 psig (14 kgf/cm²)
Maximum Inlet Temperature: 150°F (66°C) Dimensions and weights are for reference only. Request certified drawings for construction purposes. (1) Flow capacity at 100 psig (7 kgf/cm²) and 100°F (38°C) saturated inlet. Flow capacities are established in accordance with CAGI (Compressed Air and Gas Institute)
Standard ADF 700: Membrane Compressed Air Dryers - Methods for testing and rating.