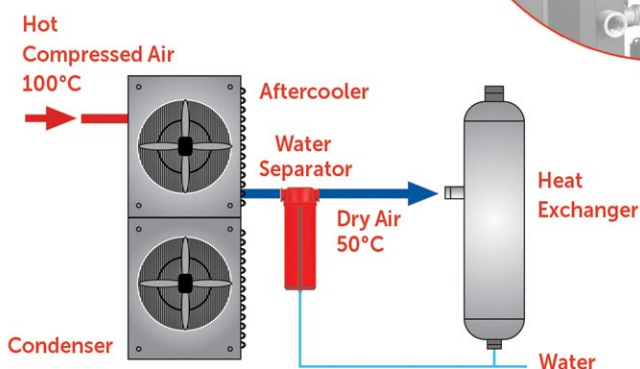




Most of compressor manufacturers do not use aftercooler on their piston type compressors. Therefore compressed air exits the compressor at about 100°C temperature. Mikropor High Temperature Dryer has an aftercooler to reduce the inlet temperature.



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Technical Specifications

Model	Capacity (m ³ /h)	Voltage	Connection Size (BSP)	Refrigerant Gas	Dimensions (mm)			Max. Working Pressure (bars)	Max. Ambient Temp. (°C)	Max. Inlet Temp. (°C)
					Width	Length	Height			
MH31	31	230/1/50	1/2"	R-134a	445	445	955	16	45	104
MH52	52	230/1/50	1/2"	R-134a	445	445	955	16	45	104
MH75	75	230/1/50	1/2"	R-134a	445	445	955	16	45	104
MH106	106	230/1/50	3/4"	R-134a	445	445	955	16	45	104
MH160	160	230/1/50	3/4"	R-134a	510	625	910	16	45	104
MH212	212	230/1/50	3/4"	R-134a	510	625	910	16	45	104

CORRECTION FACTORS FOR MH AIR DRYERS

Pressure (Bar)	4.1	5	6	7	7.9	8.5	10	11	12	13	14	16
Factor Pressure : F1	0.70	0.75	0.80	0.83	0.86	0.90	0.93	0.96	1.00	1.10	1.12	1.15
Ambient Temperature (°C)	4	10	16	24	29	35	38	40	46	49	-	-
Factor Ambient : F2	1.10	1.10	1.10	1.10	1.07	1.03	1.00	0.96	0.82	0.55	-	-
Inlet Temperature (°C)	4	10	16	21	26	32	38	65	82	93	98	104
Factor Inlet : F3	1.40	1.40	1.40	1.40	1.35	1.30	1.27	1.06	1.00	0.85	0.78	0.75
Dewpoint (°C)	3.3	5.0	7.2	10.0	12.8	15.5						
Factor Dewpoint : F4	0.65	0.73	0.80	1.00	1.10	1.22						