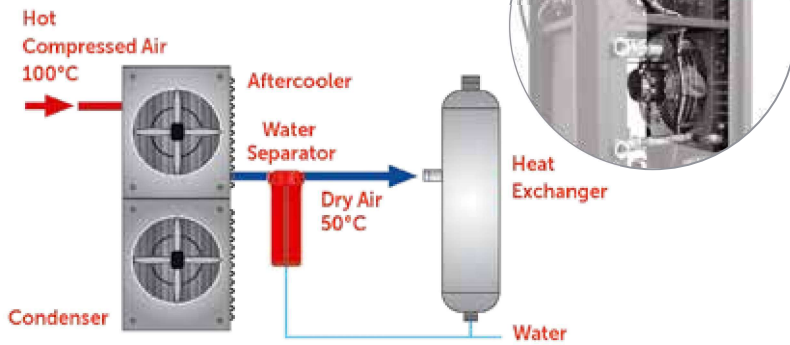


▶ MH SERIES HIGH TEMPERATURE

COMPRESSED AIR DRYERS ◀

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

After Cooler Condenser Inside



Technical Specifications

Model	Capacity (m ³ /h)	Voltage	Connection Size	Dimensions (mm)		
				Width	Length	Height
MH-31	31	230V / 1 Ph / 50 Hz	1/2"	447	448	957
MH-52	52	230V / 1 Ph / 50 Hz	1/2"	447	448	957
MH-75	75	230V / 1 Ph / 50 Hz	1/2"	447	448	957
MH-106	106	230V / 1 Ph / 50 Hz	3/4"	447	448	957
MH-160	160	230V / 1 Ph / 50 Hz	3/4"	512	627	877
MH-212	212	230V / 1 Ph / 50 Hz	3/4"	512	627	877

Correction Factor for MH Series

Required Flow / F1 / F2 / F3 / F4 = Corrected Flow

Pressure (bar)	F1	Inlet Temperature (°C)	F2	Ambient Temperature (°C)	F3	Dew Point (°C)	F4
4,1	0,70	4	1,40	4	1,10	3,3	0,65
5	0,75	10	1,40	10	1,10	5	0,73
6	0,80	16	1,40	16	1,10	7,2	0,80
7	0,83	21	1,40	24	1,10	10	1
7,9	0,86	26	1,35	29	1,07	12,8	1,10
8,5	0,90	32	1,30	35	1,03	15,5	1,22
10	0,93	38	1,27	38	1	-	-
11	0,96	65	1,06	40	0,96	-	-
12	1	82	1	45	0,82	-	-
13	1,10	93	0,85	-	-	-	-
14	1,12	98	0,78	-	-	-	-
16	1,15	104	0,75	-	-	-	-

Nominal Working Pressure	12 barg	Minimum Inlet Temperature	5°C
Maximum Working Pressure	16 barg	Nominal Ambient Temperature	38°C
Minimum Working Pressure	4 barg	Maximum Ambient Temperature	43°C
Nominal Inlet Temperature	82°C	Minimum Ambient Temperature	5°C
Maximum Inlet Temperature	104°C	Refrigerant	R134a

Given flows are at 7 barg pressure with reference to 20°C and 1 bar atmospheric air suction as per ISO7183.