



MH SERIES HIGH TEMPERATURE

Manufacturing Forward





Mikropor began its journey in 1987 with a passion to create “Tomorrow’s Technology” and has become one of the leading manufacturers of atmospheric air filtration solutions and compressed air treatment systems for a variety of industries.

By closely following the latest developments in technology, Mikropor’s “Best in Class” products and solutions are appreciated by customers in more than 100 countries.

The company’s sustainable growth has been provided by its passion for innovation and commitment to quality, as well as its dedication to technology. Mikropor is an environmentally conscious company that values people, while developing products that extend the needs and expectations of customers.

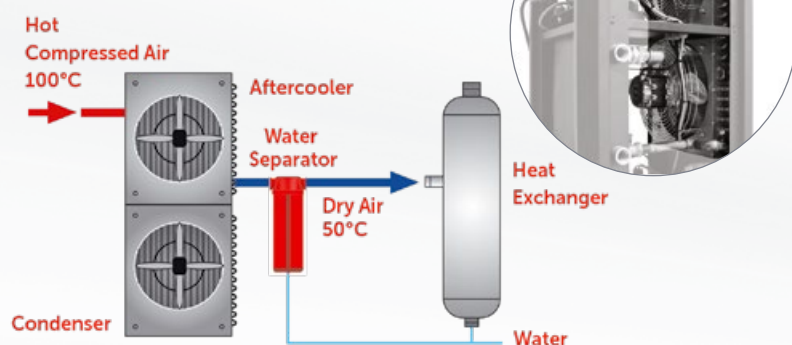
With this mission, Mikropor continues to become one of the most recognized brands in the world by expanding its global penetration in the field of technological filtration and contributes to a healthier planet.

www.mikropor.com

MH SERIES HIGH TEMPERATURE

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 (m³/h)	Power Supply (V / Ph / Hz)	Connection Size	Dimensions (mm)		
				Width	Length	Height
MH-31	31	230 / 1 / 50	1/2"	447	448	957
MH-52	52	230 / 1 / 50	1/2"	447	448	957
MH-78	78	230 / 1 / 50	1/2"	447	448	957
MH-106	106	230 / 1 / 50	3/4"	447	448	957
MH-160	160	230 / 1 / 50	3/4"	512	627	877
MH-212	212	230 / 1 / 50	3/4"	512	627	877

Given flows are at 7 barg pressure with reference to 20°C and 1 bar atmospheric air suction as per ISO 7183 standard

Correction Factor for MH Series

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

Pressure (barg)	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	1.00
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	1.00	-	-
11	0.96	65	1.06	40	0.96	-	-
12	1.00	82	1.00	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	R513a

MH SERIES HIGH TEMPERATURE



Ahi Evran OSB Mah. Oğuz Cad. No: 5 Sincan, 06935, Ankara-Türkiye

+90 312 267 0700 mikropor@mikropor.com

   mikropor

www.mikropor.com