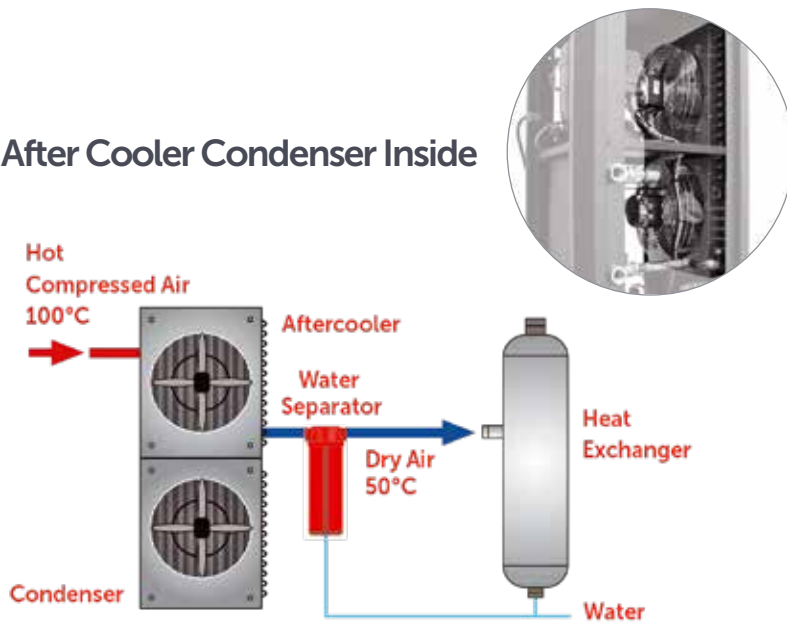


## ► HIGH TEMPERATURE AIR DRYERS

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

### Correction Factor for MH Air Dryers

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	-	-		