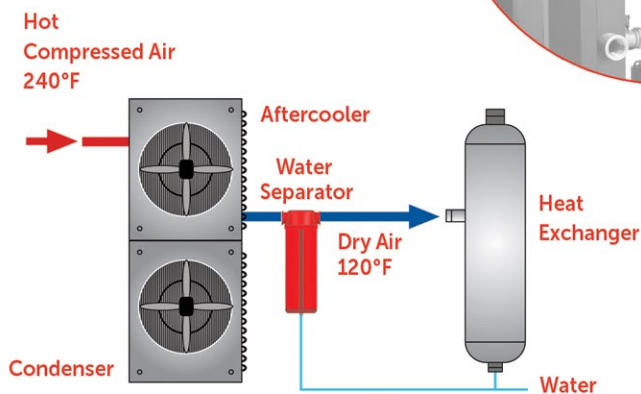
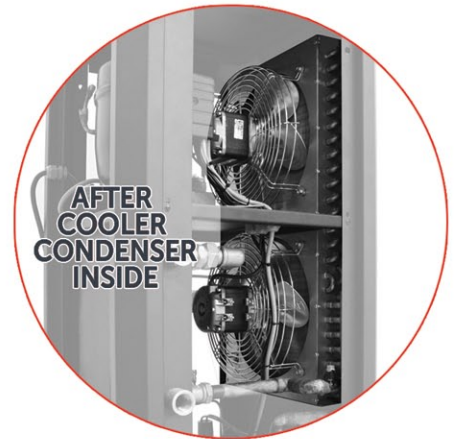




Many smaller compressors do not use an aftercooler in their designs. Therefore compressed air exits the compressor at about 240°F temperature. Mikropor High Temperature Dryers incorporate an aftercooler to reduce the inlet temperature, providing efficient dewpoint management.



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### Technical Specifications

Model	Capacity (scfm)	Voltage	Connection Size (NPT)	Dimensions (inch)			Max. working pressure (psi)	Max. Ambient Temp. (°F)	Max. Inlet Temp. (°F)
				Width	Length	Height			
MH-US-15	15	115/1/60	1/2"	17.5	17.5	37.6	230	120	240
MH-US-25	25	115/1/60	1/2"	17.5	17.5	37.6	230	120	240
MH-US-35	35	115/1/60	1/2"	17.5	17.5	37.6	230	120	240
MH-US-50	50	115/1/60	3/4"	17.5	17.5	37.6	230	120	240
MH-US-75	75	115/1/60	3/4"	20	24.6	35.8	230	120	240
MH-US-100	100	115/1/60	3/4"	20	24.6	35.8	230	120	240

### Correction Factor

CORRECTION FACTORS FOR MH AIR DRYERS													
Inlet Temperature (°F)	39	50	61	70	79	90	100	149	180	199	208	219	240
F1	1.4	1.4	1.4	1.4	1.35	1.3	1.27	1.06	1	0.85	0.78	0.75	0.7
Ambient Temperature (°F)	39	50	61	75	84	95	100	104	115	120	-	-	-
F2	1.1	1.1	1.1	1.1	1.07	1.03	1	0.96	0.82	0.55	-	-	-
Pressure (psi)	60	73	87	102	115	123	145	160	175	189	203	230	-
F3	0.7	0.75	0.8	0.83	0.86	0.9	0.93	0.96	1	1.1	1.12	1.15	-

#### Correction sample:

If an air compressor delivers 50 scfm at 145 psi, the dryer inlet temperature is 180°F and ambient temperature is 115°F. Please choose your Dryer Model as follows:  
 $50 / 0,93 / 1 / 0,82 = 65$  scfm Dryer Model for this application is MH-US-75