

TROPICAL

AMH-T

High Inlet Temperature Dryer



FRIULAIR
Dryers



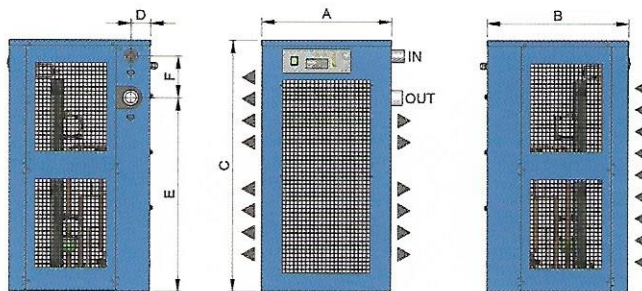
Friulair has enhanced its AMD series, evolving it into AMH synonymous with quality/performance at high temperature. It incorporates a drier and aftercooler in a single unit; its strongpoint is that it includes all the latest technologies in a compact design without sacrificing performance in extreme operating conditions.

The AMH series was designed in the utmost respect for the environment thanks to the use of ecological refrigerant fluids and the choice of recyclable manufacturing materials.

TECHNICAL FEATURES

Compressed air treated with AMH-T dryer series guarantees high quality standards, conforming to ISO 8573.1, in fact they respect Class 5 for residual humidity.

Data refers to the following nominal conditions: Ambient temperature of 35°C, inlet air temperature of 80°C, inlet air pressure 7barg - pressure Dew Point of 7°C. Max. working condition: Ambient temperature 45°C, inlet air temperature 90°C and inlet air pressure 14barg (16barg for AMH-T 5-18).



Model	Flow-Rate			Connections	Power Supply	Dimensions [mm]			Weight
	[l/min]	[m³/h]	[scfm]			A	B	C	
AMH 5 T	500	30	18	G 1/2" BSP-F	1/230/50	426	416	650	33
AMH 8 T	800	48	28	G 1/2" BSP-F	1/230/50	426	416	650	33
AMH 12 T	1.200	72	42	G 1/2" BSP-F	1/230/50	426	416	650	34
AMH 18 T	1.800	108	64	G 1/2" BSP-F	1/230/50	426	416	650	37
AMH 25 T	2.500	150	88	G 1" BSP-F	1/230/50	444	440	900	45
AMH 32 T	3.200	192	113	G 1.1/4" BSP-F	1/230/50	444	440	900	49
AMH 45 T	4.500	270	159	G 1.1/4" BSP-F	1/230/50	469	511	900	61
AMH 62 T	6.200	372	219	G 1.1/2" BSP-F	1/230/50	526	511	1.059	83
AMH 72 T	7.200	432	254	G 1.1/2" BSP-F	1/230/50	526	511	1.059	93
AMH 75 T	7.500	450	365	G 1.1/2" BSP-F	1/230/50	602	583	1.287	91

On request AMH-T series with 60Hz power supply.

CORRECTION FACTOR FOR OPERATING PRESSURE CHANGES :

Inlet air pressure	barg	4	5	6	7	8	10	12	14
Factor		0.77	0.86	0.93	1.00	1.05	1.14	1.21	1.27

CORRECTION FACTOR FOR AMBIENT TEMPERATURE CHANGES:

Ambient temperature	°C	≤ 32	35	38	40	45
Factor		1.05	1.00	0.95	0.91	0.83

CORRECTION FACTOR FOR INLET AIR TEMPERATURE CHANGES :

Inlet air temperature	°C	≤ 70	80	90
Factor		1.11	1.00	0.89

CORRECTION FACTOR FOR DEW POINT CHANGES :

Dew Point	°C	5	7	10
Factor		0.85	1.00	1.05

"Friulair reserves the right to make technical changes without prior notice, errors and omissions excepted"

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