

High Inlet Temperature Air Dryers 25 to 200 SCFM

The MHT Series High Inlet Temperature Refrigerated Air Dryers are designed to be used with tank mounted piston-type air compressors that have no after-coolers.

- Does not Require Separate After Coolers, Separators, or Drains
- High Inlet Temperature - Up to 200°F
- Consistent & Reliable Dry Air at 38°F Outlet Dewpoint
- Compact All-Aluminum Heat Exchanger Modules with Low Pressure Drops
- Programmable Automatic Electronic Drains
- Easy-Access Cabinet Design for Ease of Maintenance & Serviceability



FEATURES

- Outlet Dewpoint with 100°F / 38°C Saturated Inlet
 - 38°F Pressure Dewpoint (PDP)
- Available Input Voltages*
 - 115 VAC, 1 Phase, 60Hz
 - 208-230 VAC, 1 Phase, 60Hz
 - 230 VAC, 3 Phase, 60Hz
 - 460 VAC, 3 Phase, 60Hz
 - 575 VAC, 3 Phase, 60Hz
- Maximum Pressure - 232 PSIG
- Maximum Inlet Temperature - 200°F / 93°C

*NOTE: Voltage options are dependent on specific models. See Price List for details.

OPTIONS

- Air-Pac Filter Kits
- Bypass Valve
- Ambient Air Filter

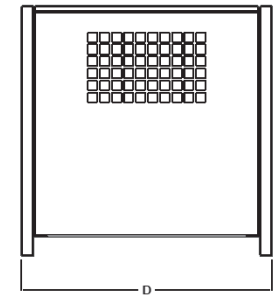
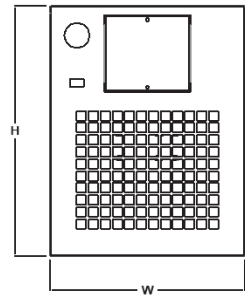
www.AltecAIR.com
800.521.5351

Altec | AIR
MHT SERIES
HIGH INLET TEMPERATURE AIR DRYERS

MHT Series

SPECIFICATIONS & DIMENSIONS

	INLET Flow (SCFM @ 150 PSIG)	Inlet / Outlet Ports (NPT)	Drain Port (NPT)	Refrigerant Type	Weight (lbs)	Height (in)	Width (in)	Depth (in)
MHT25	25	3/4"	1/4"	R134a	95	21	18	17
MHT40	40	1"			165	26	20	26
MHT60	60				169			
MHT75	75				205			
MHT100	100				210			
MHT130	130	1-1/2"			R404a	250	32	25
MHT150	150	2"		310		48	29	44
MHT200	200	486						



Sizing Dryers for Variable Conditions

Corrected Inlet Flow Capacity =

$$\text{INLET Flow (above)} \times \frac{\text{Inlet Pressure}}{\text{Correction Factor (A)}} \times \frac{\text{Inlet Temp}}{\text{Correction Factor (B)}} \times \frac{\text{Ambient Temp}}{\text{Correction Factor (C)}}$$

MULTIPLIER TABLES

Inlet Pressure (PSIG)	100	125	150	175	
Correction Factor (A)	0.85	0.90	1.00	1.10	
Inlet Temp (°F)	100	125	150	180	200
Correction Factor (B)	1.25	1.10	1.05	1.00	0.79
Ambient Temp (°F)	80	90	100	110	120
Correction Factor (C)	1.16	1.03	1.00	0.90	0.85

MHT130 HIGH TEMPERATURE AIR DRYERS
INSTALLED IN LIVONIA, MI



Need A Custom Sized Air Dryer?

Contact Altec AIR for assistance selecting the right dryer for your application. All you need is the required dewpoint, operating pressure, and the required inlet or outlet flow rate.

ISO 8573-1	Quality Class	1	2	3	4
	Dewpoint	°F	-100°	-40°	-4°
°C		-73°	-40°	-20°	3°
Remaining Moisture	ppmw	0.12	10	81	610
	mg/m ³	0.15	12	97	730

For more complete information on Altec AIR products and services, visit us on the web at www.AltecAIR.com. Material and specifications are subject to change without notice. Featured units in photos may include optional features. Please contact an Altec AIR representative for all available options. Altec AIR logo is a registered trademarks of Altec Inc. in the United States and various other countries and may not be used without permission.
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