

High Temperature Refrigerated Air Dryers 10 to 120 SCFM

Altec AIR's RHT 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 - ISO Class 6
- Compact All-Aluminum Heat Exchanger Modules with Low Pressure Drops
- Programmable Automatic Electronic Drains
- Easy-Access Cabinet Design for Ease of Maintenance & Serviceability
- Top Mounted Inlet & Outlet Connections Allow for Easy Installation of Dryer, Filters, & Bypass Valves
- ETL Listed Configurations (Pending)



FEATURES

- 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 Guide for details.

OPTIONS

- Installed Filter Kits
- Filter Bypass Kits
- Floor Stands
- Magnetic Condenser Filters

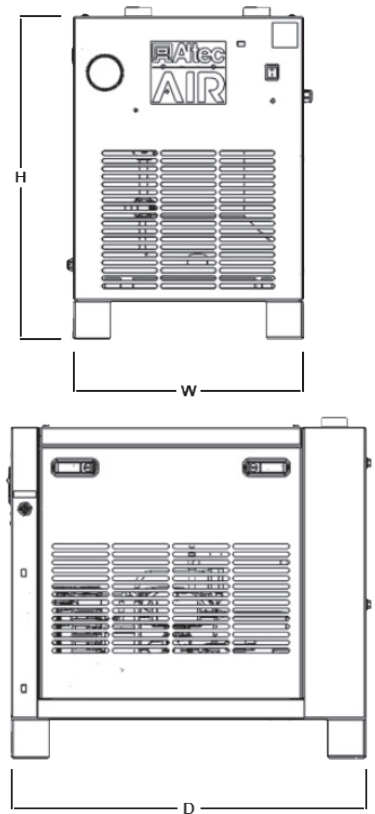
www.AltecAIR.com
800.521.5351

Altec | AIR
RHT SERIES - HIGH TEMPERATURE
REFRIGERATED AIR DRYERS

RHT Series

SPECIFICATIONS & DIMENSIONS

	INLET Flow (SCFM @ 175 PSIG)	Inlet / Outlet Ports (NPT)	Drain Port (NPT)	Refrigerant Type	Weight (lbs)	Height (in)	Width (in)	Depth (in)
RHT-0010	10	1/2"	1/4"	R134a	92	23.9	18.9	16.9
RHT-0015	15	1"			102			
RHT-0020	20				160			
RHT-0030	30	173						
RHT-0040	40	1-1/2"	1/4"	R134a	192	29.3	21.9	34.1
RHT-0060	60				205 - 225			
RHT-0080	80	2"	1/4"	R404a	300 - 331	35.8	23.7	34.8
RHT-0100	100				300 - 345			
RHT-0120	120							



** Sizing based on Inlet Temperature of 180°F, Inlet Dew Point of 160°F, Inlet Pressure of 175 PSIG, Outlet Dew Point of 50°F

MULTIPLIER TABLES

**Sizing Dryers for Variable Conditions

Corrected Inlet Flow Capacity =

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

Inlet Pressure (PSIG)	100	125	150	175	200
Correction Factor (A)	0.80	0.88	0.95	1.00	1.04
Inlet Temp (°F)	100	125	150	180	200
Correction Factor (B)	3.31	1.99	1.30	1.00	0.91
Ambient Temp (°F)	80	90	100	110	120
Correction Factor (C)	1.08	1.06	1.00	0.90	0.76

MODEL CONFIGURATION

Dryer Model: From Above



Voltage: Dependent on Model

- 1 - 120 VAC, 1 Phase, 60 Hz
- 2 - 208-230 VAC, 1 Phase, 60 Hz
- 3 - 230 VAC, 3 Phase, 60 Hz
- 4 - 460 VAC, 3 Phase, 60 Hz
- 5 - 575 VAC, 3 Phase, 60 Hz

ISO 8573-1

Class	Maximum Pressure Dew Point	
	°C	°F
1	-70	-94
2	-40	-40
3	-20	-4
4	+3	+37.4
5	+7	+44.6
6	+10	+50
7	Not Specified	

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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