

**VAN AIR SYSTEMS**



Distributed by:  
Air & Vacuum Process, Inc.  
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## **HTR SERIES**

**MODELS 25-130 SCFM**

### **High Inlet Temperature Refrigerated Air Dryers**

Dependable, durable air dryers remove problematic moisture from indoor lines and reduce maintenance costs associated with air line contaminants. Backed by 65 years of expertise, Van Air's HTR series offers these advantages.

#### **FEATURES**

COMPACT DESIGN

HANDLES INLET AIR UP TO 180°F

MATCHES ALL COMMON AIR-COMPRESSOR SIZES

TWO-STAGE SEPARATOR AND FILTER

#### **BENEFITS**

NO AFTERCOOLER NEEDED

SIMPLE INSTALLATION INTO AIR SYSTEM

NO ADDED MAINTENANCE COSTS

DURABLE DESIGN

## **ONE COMPLETE PACKAGE...**

*that cools, dries, and cleans compressed air.*

[www.vanairsystems.com](http://www.vanairsystems.com)



*HTR Series dryers combine a dryer, separator, and filter into one compact design that is easy to install and results in lower installation costs. The all-in-one design also eliminates the need to maintain individual aftercoolers, separators and filters, saving maintenance costs and manpower.*

# Engineering Data Specification

## HTR Series Air Dryer

## Dimensions

Model	Flow Rate @125 PSIG SCFM* (Nm <sup>3</sup> /min@8.6 bar)	Standard Electrical	Refrigeration HP	Maximum Pressure	A Length (mm)	B Width (mm)	C Height (mm)	Weight lbs (Kg)	Pipe Size In/Out (mm)	Used with Air Compressor (HP)
HTR-25	25 (.70)	120/1/160	1/2	200	34" (864)	14" (356)	23" (584)	170 (77)	1" (25.4)	5
HTR-35	40 (1.13)	120/1/60	1/2	200	34" (864)	14" (356)	23" (584)	182 (83)	1" (25.4)	10
HTR-60	60 (1.69)	120/1/60	3/4	200	35" (889)	20" (508)	33" (838)	198 (90)	1" (25.4)	15
HTR-75	75 (2.12)	230/1/60	1	200	35" (889)	20" (508)	33" (838)	250 (113)	1 1/2" (38.1)	20
HTR-105	105 (2.97)	230/1/60	1	200	35" (889)	20" (508)	33" (838)	268 (122)	1 1/2" (38.1)	25
HTR-130	130 (3.68)	230/1/60	1 1/2	200	47" (1194)	22" (559)	36" (965)	365 (166)	2" (50.8)	30

**\*Note: Capacity based on:**

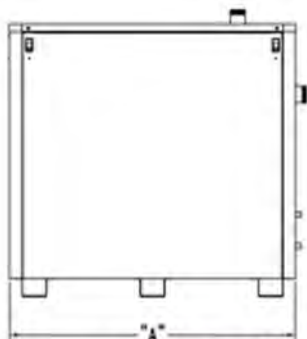
180°F (82°C) inlet temperature,  
 160°F (71°C) inlet pressure dew point  
 95° F (35°C) ambient temperature  
 50°F (10°C) outlet pressure dew point  
 Less than 5 PSI (0.35kgf/cm<sup>2</sup>) dryer pressure drop.

### Standard Equipment

- Hot Gas Capacity Control
- Power on Light
- On/Off Switch
- 3 Micron Demister Separator
- Low Ambient Fan Control
- Suction Pressure Gauge
- Powder Coated Cabinets
- Easy Access Panels

### Optional Equipment

- Air In Pressure Gauge
- Air Out Pressure Gauge
- Refrigeration Discharge Pressure Gauge
- Ambient Filter
- Three-Valve Bypass
- Filter Differential Pressure Gauge



**Models HTR-25-HTR130**

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