

## Compressed Air Dryers

# High Temperature Refrigerated Dryer



### Dryer, filter, and drain in one compact package

KAESER's High Temperature Refrigerated Dryers (HTRD) are specifically designed for use with 5 - 30 hp piston compressors, although they will work well with any similar sized compressor producing high discharge temperatures. The HTRD contains an aftercooler, refrigeration unit, demister separator, and drain to remove moisture and contaminants to a level suitable for most shop tools. This greatly increases tool life, reducing maintenance and downtime. For paint spraying and other contaminant

sensitive applications, we strongly recommend also using a KE coalescing filter downstream.

### Easy to install

The HTRD dryer features a compact design that requires little floor space and allows for convenient installation. Widely spaced inlet/outlet connections make piping easy. Simply make pipe connections and plug in the electrical cord to a 1-phase outlet (120V or 230V depending on model) and the unit is ready for operation.

### Standard Features:

- Built to handle high inlet temperatures to 180°F
- Stainless steel, plate-type heat exchangers are compact, durable, and efficient
- Integral separator helps removes condensed liquids after refrigeration.
- User-adjustable timed electric condensate drain
- Automatic refrigeration temperature control system maintains precise chilled air temperature
- Hermetic refrigeration compressor requires no maintenance or adjustments
- Cool air exiting from the evaporator is reheated to save energy and prevent pipe sweating

*All dryers are CSA certified, CFC free, and use environmentally friendly R134a or R-407C refrigerant.*

### Easy to use and maintain

The dryer operates continuously without adjustments. Replacing the filter sleeve is simple and cleaning the refrigeration condenser filter and inlet strainer is easy.

# Technical Specifications

Model	Flow Rate* @ 175 psig (scfm)	Flow Rate* @ 150 psig (scfm)	Flow Rate* @ 125 psig (scfm)	Flow Rate* @ 100 psig (scfm)	Power Supply (V / Ph / Hz)	Inlet / Outlet Connection (in.)	Dimensions W x D x H (in.)	Weight (lb.)
HTRD 21	23	22	20	18	115 / 1 / 60	3/4	14 <sup>15</sup> / <sub>16</sub> x 18 <sup>1</sup> / <sub>8</sub> x 29 <sup>15</sup> / <sub>16</sub>	93
HTRD 26	29	27	25	23				93
HTRD 36	41	38	35	32		1	18 <sup>1</sup> / <sub>16</sub> x 18 <sup>5</sup> / <sub>16</sub> x 41 <sup>3</sup> / <sub>4</sub>	99
HTRD 51	58	54	50	45				119
HTRD 76	87	81	75	68		1	18 <sup>1</sup> / <sub>16</sub> x 18 <sup>5</sup> / <sub>16</sub> x 46 <sup>1</sup> / <sub>2</sub>	123
HTRD 126	145	135	125	114				146

\* Rated capacity: Based on compressed air at 180°F and saturated at 160°F, 50°F outlet pressure dew point and operation in a 95°F ambient.

Maximum Inlet Temperature: 180°F

Maximum / minimum ambient air temperature: 110/40°F

Maximum working pressure: 227 psig

**Specifications are subject to change without notice.**



**KAESER**  
COMPRESSORS®

*Built for a lifetime.*



Management  
System  
ISO 9001:2015  
ISO 14001:2015  
www.tuv.com  
ID: 9108616471



Kaeser Compressors, Inc.

511 Sigma Drive  
Fredericksburg, VA 22408 USA  
Telephone: 540-898-5500  
Toll Free: 800-777-7873  
info.usa@kaeser.com

Kaeser Compressors Canada Inc.

3760 La Vérendrye Street  
Boisbriand, QC J7H 1R5 CANADA  
Telephone: (450) 971-1414  
Toll free: (800) 477-1416  
info.canada@kaeser.com

Kaeser Compresores de México

S de RL de CV  
Calle 2 #123  
Parque Industrial Jurica  
76100 Querétaro, Qro.  
Telephone: 01 (442) 218 64 48  
sales.mexico@kaeser.com

Kaeser Compresores de

Guatemala y Cia. Ltda.  
3a calle 6-51, zona 13  
Colonia Pamplona  
01013-Guatemala City  
Telephone: +502 2412-6000  
info.guatemala@kaeser.com