

Compressed Air Dryers

High Temperature Refrigerated Dryer



Dryer, Filter, and Drain in One Compact Package

Kaeser High Temperature Refrigerated Dryers (HTRD) are specifically designed for use with 5-25 hp piston compressors, although they will work well with any similar sized compressor producing high inlet temperatures. The HTRD contains an aftercooler, refrigeration unit, filtered 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 applications we strongly recommend also using a KOR model coalescing filter.

Easy to Install

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

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 to accomplish.

Standard Features:

- Stainless steel, plate-type heat exchangers are compact, durable, and efficient
- Integral filter helps remove moisture, hydrocarbons and solid particles
- Condensate drain automatically discharges liquid from dryer without air loss
- 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 R407c refrigerant.

Five-year warranty on heat exchanger.

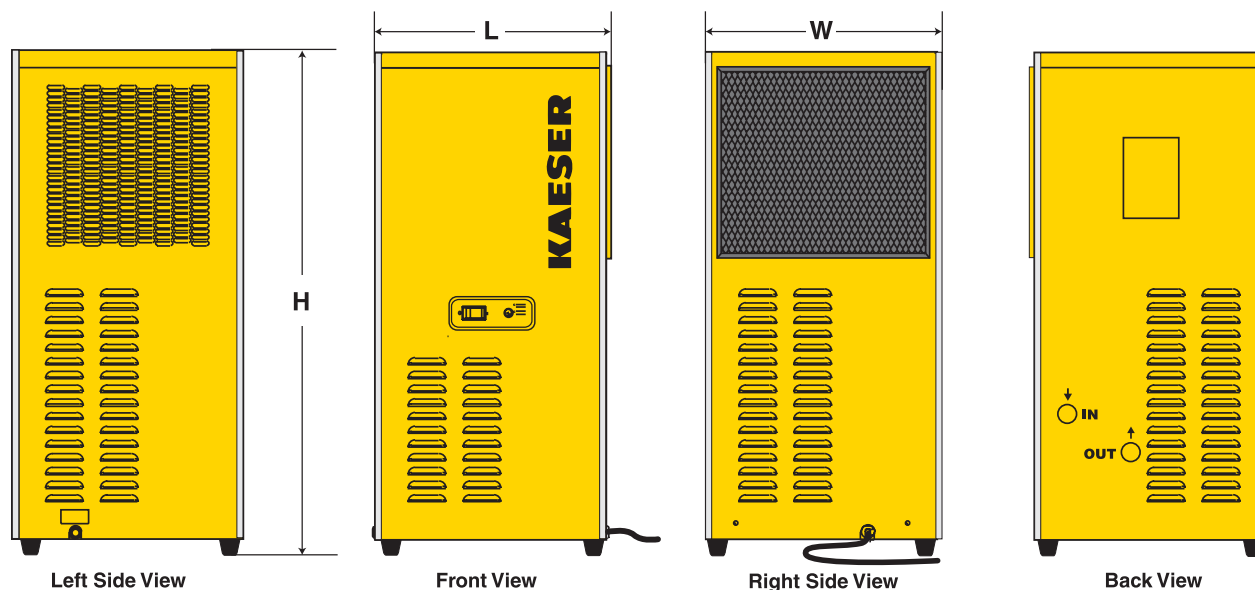
Two-year warranty on refrigeration system.

Specifications

Model	Flow Rate ⁽¹⁾ (scfm) @ 175 psig	Flow Rate ⁽¹⁾ (scfm) @ 150 psig	Flow Rate ⁽¹⁾ (scfm) @ 125 psig	Flow Rate ⁽¹⁾ (scfm) @ 100 psig	Full Load ⁽¹⁾ Amps	Connection Size (in.)	Dimensions L x W x H (in.)	Weight (lb.)
HTRD 20	23	22	20	18	6.9	1/2	10 x 13 x 28.5	79
HTRD 25	29	27	25	23				80
HTRD 35	41	38	35	32				81
HTRD 50	58	54	50	45	13.4	3/4	17 x 17 x 37	150
HTRD 75	87	81	70	68				155
HTRD 100*	116	108	100	91	13.3	1	17 x 17 x 46	170
HTRD 125*	145	135	125	114				175

(1) Capacities based on 180°F inlet temperature, 160°F inlet pressure dew point, 95°F ambient temperature, 50°F outlet pressure dew point, and less than 5 psi pressure drop. Most models are 115V/1ph/60Hz. * 230V/1ph/60Hz.

Notes: Maximum Working Pressure: 175 psig
Ambient Temperature Range: 35-110°F
Maximum Inlet Temperature: 180°F



Specifications are subject to change without notice.



Built for a lifetime.™

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