

High Inlet Temperature Non-Cycling Refrigerated Dryers 0.42-3 m3/min, 15-100 cfm

High inlet temperature non-cycling refrigerated dryers ensure a constant dew point at all load levels and will deliver continuous dry air performance that satisfies industry standards. These units provide affordable solutions for a variety of applications that require high air inlet temperatures, including dry cleaning, light processing, petrochemical, automotive, manufacturing a well as oil and gas.

Features

- High Inlet Air Temperature Operation: Accommodates inlet air temperatures up to 200°F (94°C) and are ideal for use with compressors that do not include built-in aftercoolers.
- Lower Cost of Ownership: Efficient heat exchangers, a built-in stainless steel demister that removes all moisture and a fully adjustable programmable electronic drain valve reduce energy use and minimize air loss
- Built-in Reliability: Corrosion-resistant heat exchangers, an enhanced control-system and high-efficiency moisture-separation ensure a steady long-term supply of dry air
- Smart Control: Easy to use, advanced microprocessor control that lets you easily adjust and manage system parameters
- Consistent Clean, Dry Air: Variable-speed fans reduce power consumption when units operate at less than maximum cooling capacity, while ensuring a consistent dew point



Model Specifications

| Model | Capacity m3/hr (scfm) | Operating Power kW | Length x Width x Height mm (in) | Weight kg (lb) | Connection Air In/Out |
|--------|--------------------------|-----------------------|---|----------------|--------------------------|
| D25IT | 25 (15) | 0.21 | 500 (20.0) x 386 (15.5) x 661 (26.0) | 38 (84) | 1/2" NPT |
| D42IT | 42 (25) | 0.37 | 500 (20.0) x 386 (15.5) x 661 (26.0) | 39 (86) | 1/2" NPT |
| D60IT | 60 (35) | 0.37 | 500 (20.0) x 386 (15.5) x 661 (26.0) | 39 (86) | 1/2" NPT |
| D102IT | 102 (60) | 0.48 | 567 (22.5) x 420 (16.5) x 771 (30.5) | 57 (126) | 3/4 " NPT |
| D140IT | 140 (82) | 0.57 | 567 (22.5) x 420 (16.5) x 771 (30.5) | 62 (137) | 3/4 " NPT |
| D170IT | 170 (100) | 0.71 | 567 (22.5) x 420 (16.5) x 771 (30.5) | 67 (148) | 1" NPT |



Ingersoll Rand (NYSE:IR) advances the quality of life by creating comfortable, sustainable and efficient environments. Our people and our family of brands—including Club Car®, Ingersoll Rand®, Thermo King® and Trane®—work together to enhance the quality and comfort of air in homes and buildings; transport and protect food and perishables; and increase industrial productivity and efficiency. We are a \$14 billion global business committed to a world of sustainable progress and enduring results. For more information, visit www.ingersollrand.com.