D-IN & D-IT Series Non-cycling Refrigerated Dryers

7–250 scfm (12–255 m^3/hr)

Built for Sustainability

Elevate your industrial operations with the next generation of Ingersoll Rand non-cycling dryers, featuring R513A refrigerant to meet mandated environmental regulations and support sustainability goals. Designed for applications with constant demand, these dryers are built on proven technology to deliver enhanced reliability and dew point performance.

Smart Design Meets Reliable Performance

Engineered for easy serviceability, these dryers feature high-quality components that undergo extensive testing to ensure reliable performance and minimize downtime.

Their compact design simplifies installation and quick maintenance, with plug-and-play mechanical and electrical connections that help keep your system running smoothly and efficiently.

The D-IT Series dryer is optimized for high-temperature environments, supporting inlet temperatures up to 200°F.

Optimized Performance for Your Application

Discover which air dryer works best for your business

D-IN Series: Clean, Dry Air You Can Count On

A cost-effective solution for diverse industries, the D-IN Series seamlessly integrates into new and existing systems with a variety of models for auto body shops, paint booths, textiles, oil & gas, plastics, metalworking and woodworking.

- **Low Global Warming Potential (GWP)**
  R513a Refrigerant is environmentally friendly and aligns with industry regulatory changes
- **Efficient Operation**
  Low pressure drop improves energy efficiency, reducing operational costs
- **Comprehensive Testing**
  Factory tested to ensure built-in, reliable performance
- **Reliability**
  High-quality components and extensive testing ensure reliable performance, minimizing downtime
- **Plug and Play Installation**
  NPT connections simplify system tie-in, 115 V configurations come with plugs, and 75-250 cfm units include ship-loose pre- and post-filtration
- **Safety Certified**
  Complies with relevant UL and CSA standards

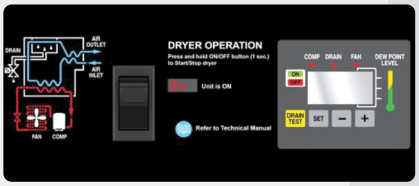
Proven Components

Rely on our durable construction to provide a long-lasting supply of clean, dry compressed air.

- **Constant Pressure Valve**
  The valve ensures stable and consistent operation
- **Simplified Design**
  Plug-and-play operation and easy to reach components enhance serviceability, making installation and maintenance straightforward
- **Efficient Cooling**
  Variable speed fans ensure a consistent dew point and reduce power consumption (25–250 scfm models only)

75-250 scfm Models Include:

- **Smart Control**
  Advanced microprocessor lets you easily adjust and manage system parameters
- **Pre- and Post-filtration**
  High efficiency filters protect the dryer and your downstream processes
- **High-quality Heat Exchanger**
  Aluminum construction with brazing connections enhances durability and efficiency



Intuitive Smart Controller

D-IT Series: Designed for Extreme Conditions

Engineered for high-demand environments, the D-IT Series delivers reliable moisture removal at high inlet temperatures using eco-friendly R513a refrigerant. With multi-stage cooling, smart controls, and UL-certified safety, it's the smart choice for sustainable performance.

- **High-ambient Temperature Design**
  Designed for high inlet conditions up to 200°F with robust testing
- **Ease of Installation**
  Compact design featuring integrated pre-cooling, wired 115 V plugs, NPT connections and automatic condensate drains for simplified installation and set up
- **Integrated Filtration**
  Built-in inlet filtration for additional reliability and downstream protection (60-100 scfm models only)
- **Low GWP Refrigerant**
  Features eco-friendly R513a refrigerant
- **Versatility**
  Available in 6 sizes (15–100 scfm)

F-Series Filters: Reduce Contamination

F-Series advanced in-line filters help protect critical processes and valuable equipment by reducing contamination in your compressed air stream. Rigorously tested and engineered with premium components, F-Series filters provide years of reliable performance and high-quality air.

- **Element Life Indicator**
  Patented dual indicator shows differential pressure drop and operating efficiency
- **Rugged Design**
  All-aluminum, precision die cast body suitable for 176°F and 250 psig MAWP applications
- **Reliable Operation**
  Filter element with stainless steel mesh withstands high pressure and minimizes flow restriction
- **Easy Maintenance**
  Ergonomic, no-touch bowl design enhances safety and simplifies maintenance
- **Long Element Life**
  Innovative media coating technology protects against corrosion and increases life

4 Filtration Grades Available

- High Efficiency
- General Purpose
- Dust Particulate
- Activated Carbon

Learn which F-Series filter is most suited to your application

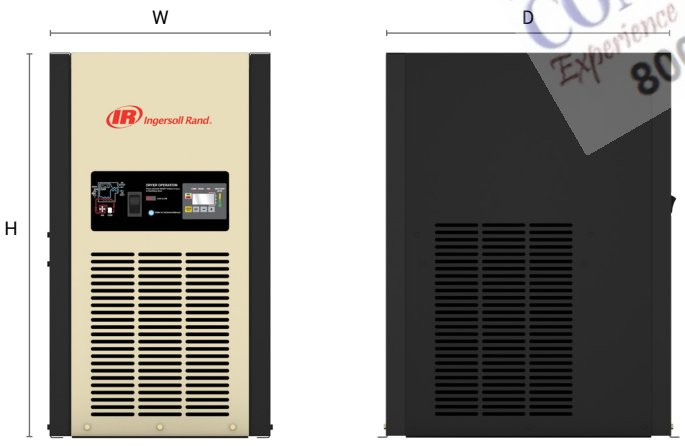
Model Specifications

Non-cycling Dryer Performance Specifications

Model	Flow Rate scfm	In/Out Air Connection	Dimensions (W × D × H) in	Power Supply V/ph/Hz	Weight lb
DA12INA100	7	3/8" MPT	12.6 × 12.6 × 15.3	115/1/60	45
DA18INA100	11	3/8" MPT	12.6 × 12.6 × 15.3	115/1/60	45
DA25INA100	15	3/8" MPT	12.6 × 12.6 × 15.3	115/1/60	45
DA42INA100	25	1/2" FPT	15.4 × 16.9 × 17.5	115/1/60	58
DA54INA100	32	1/2" FPT	15.4 × 16.9 × 17.5	115/1/60	58
DA72INA100	42	1/2" FPT	15.4 × 16.9 × 17.5	115/1/60	69
DA85INA100	50	1/2" FPT	15.4 × 16.9 × 17.5	115/1/60	69
DB127INA	75	3/4" FPT	15.2 × 19.7 × 24.3	115/1/60	94
DB170INA	100	3/4" FPT	15.2 × 19.7 × 24.3	115/1/60	99
DB255INA	150	1 1/2" FPT	19.7 × 30.3 × 37.5	115/1/60	154
DB340INA	200	1 1/2" FPT	19.7 × 30.3 × 37.5	115/1/60	170
DA420INA	250	1 1/2" FPT	20.9 × 31.8 × 49.3	115/1/60	440

Non-cycling High Inlet Temperature Dryer Performance Specifications

DA25ITA100	15	3/4" MPT	14.6 × 16.9 × 29.7	115/1/60	110
DA42ITA100	25	3/4" MPT	14.6 × 16.9 × 29.7	115/1/60	110
DA60ITA100	35	3/4" MPT	14.6 × 16.9 × 29.7	115/1/60	117
DA102ITA100	60	3/4" FPT	16.6 × 22.4 × 30.0	115/1/60	123
DA136ITA100	80	3/4" FPT	16.6 × 22.4 × 30.0	115/1/60	128
DA170ITA100	100	1" FPT	16.6 × 22.4 × 30.0	115/1/60	132



Model DB127INA

SimplAir® Fusion Piping System is your cost-effective alternative for air, inert gas and vacuum lines.

Ingersoll Rand

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