



D-EC Cycling Refrigerated Dryers

0.25-3.5 m³/ min, 10-125 cfm

Ingersoll Rand helps you to achieve maximum energy savings, while ensuring a continuous supply of dry, high-quality compressed air when you use its D-EC cycling refrigerated dryer. It is designed to help users achieve optimal performance at a lower cost of ownership compared to non-cycling dryers. Its refrigeration system automatically deactivates during periods of low load to reduce energy consumption.

Features

- **High-quality, dry air:** Dew points per ISO Class 4
- **Reduced energy consumption:** Patented heat exchanger, pre-cooler/reheater, low pressure loss and R134a refrigerant lower your energy costs
- **Efficient operation:** Storing cold energy as thermal mass reduces the dryer compressor's running time along with an electronic, no-loss drain that prevents compressed air loss
- **Flexible Design:** Air-cooled and water-cooled options and compact size to fit any application
- **Simply Reliable:** Simplified circuit design enables the discontinuation of thermal expansion valves and fan control switches



Model Specifications

Model	Capacity m ³ /hr (cfm)	Length mm (in)	Width mm (in)	Height mm (in)	Weight kg (lb)	Connection Air In/Out
D17EC	17 (10)	662 (26.05)	386 (15.19)	500 (9.69)	38.6 (85)	1/2" FPT
D31EC	31 (18)	662 (26.05)	386 (15.19)	500 (9.69)	38.6 (85)	1/2" FPT
D41EC	41 (24)	662 (26.05)	386 (15.19)	500 (9.69)	40.8 (90)	1/2" FPT
D59EC	59 (35)	662 (26.05)	386 (15.19)	500 (9.69)	43.1 (95)	1/2" FPT
D85EC	85 (50)	662 (26.05)	386 (15.19)	500 (9.69)	47.6 (105)	3/4" FPT
D127EC	127 (75)	772 (30.38)	422 (16.63)	570 (22.44)	68.0 (160)	1" FPT
D170EC	170 (100)	772 (30.38)	422 (16.63)	570 (22.44)	70.3 (155)	1" FPT
D212EC	212 (125)	772 (30.38)	422 (16.63)	570 (22.44)	72.6 (160)	1" FPT



About Ingersoll Rand Inc. Ingersoll Rand Inc. (NYSE:IR) driven by an entrepreneurial spirit and ownership mindset, is dedicated to helping make life better for our employees, customers and communities. Customers lean on us for our technology-driven excellence in mission-critical flow creation and industrial solutions across 40+ respected brands where our products and services excel in the most complex and harsh conditions. Our employees develop customers for life through their daily commitment to expertise, productivity and efficiency. For more information, visit www.IRCO.com.