Refrigerated Dryers

3,200-4,800 m^3/h

Reliable, Cost-Effective Operation

Minimise lifecycle costs with our next-generation of cycling and non-cycling refrigerated dryers for cleaner, drier compressed air.

Find the Right Dryer for Your Application

Built-in Reliability

To ensure durability and reliability during operation, the latest DA Series of refrigerated dryers is manufactured, tested and validated according to the latest industry standards. Tested in a climatic chamber to simulate the most hazardous environmental conditions possible, these dryers have passed all Ingersoll Rand performance requirements.

Enabling your Sustainability Goals

The new refrigerated dryers are extremely efficient and environmentally friendly. The DA Series of dryers support sustainability with low global warming potential (GWP) refrigerant usage for ISO 8573-1 2010 Class 4 (+3°C Pressure Dew Point) markets. Combined with significantly reduced power consumption, these dryers are capable of reducing their carbon footprint by up to 87% compared to previous dryer models.

Designed for Optimum Efficiency

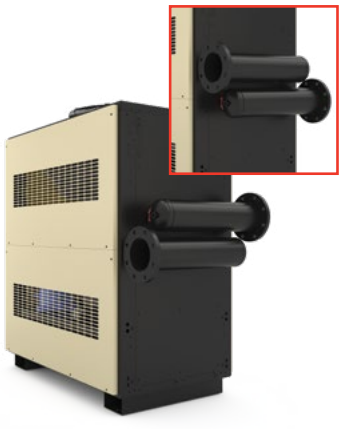
At the heart of each refrigerated dryer is our proven heat exchanger technology that offers greater flow capacity and improved heat transfer characteristics. The DA Series dryers feature the latest technical advancements from Ingersoll Rand, resulting in high-efficiency with a lower pressure drop, a smaller footprint and significant reduction in the dryer's specific power.

Compared to previous models, the new next-generation DA Series of dryers deliver:

- Reduced power consumption of up to 10%
- Up to 27% lower pressure drop
- Significant footprint reduction of up to 40%

Refrigerated Dryers Key Features

- ISO Class 4 (3°C pressure dew point) energy saving cycling and non-cycling dryers
- Air-cooled and water-cooled configurations cover a wide range of applications
- Advanced heat exchanger design, with superior efficiency gains, reduces pressure drop by 27%
- Plug-in solution allows the unit to work at all operating conditions, from zero to 100% flow
- R410A (non-cycling dryers) and R513A (cycling dryers) offer low GWP refrigerants that significantly reduce carbon footprint
- Reversable air headers simplify installation through easy in/out adaptability with the piping system
- Up to 40% reduced footprint provides versatility for any application



Reversible air headers allow easy in/out adaptability to piping system

Non-Cycling Dryer Technical Specifications

Model	Air flow 3°C m^3/min	Absorbed power kW	Power supply V/ph/Hz	Max pressure barg	Refrigerant	Dimensions (WxDxH) mm	weight kg
DA3200IN-A	3200	5.29	400/3/50	14	R410A	880x1819x1796	425
DA4200IN-A	4200	6.91	400/3/50	14	R410A	880x1819x1796	440
DA4800IN-A	4800	6.91	400/3/50	14	R410A	880x1819x1796	440
DA3200IN-W	3200	4.81	400/3/50	14	R410A	880x1819x1671	440
DA4200IN-W	4200	6.20	400/3/50	14	R410A	880x1819x1671	460
DA4800IN-W	4800	6.20	400/3/50	14	R410A	880x1819x1671	460

Cycling Dryer Technical Specifications

Model	Air flow 3°C m^3/min	Absorbed power kW	Power supply V/ph/Hz	Max pressure barg	Refrigerant	Dimensions (WxDxH) mm	weight kg
DA3200EC-A	3200	6.31	400/3/50	14	R513A	880x1819x1671	810
DA4200EC-A	4200	6.81	400/3/50	14	R513A	880x1819x1671	840
DA4800EC-A	4800	6.81	400/3/50	14	R513A	880x1819x1671	840
DA3200EC-W	3200	5.70	400/3/50	14	R513A	880x1819x1671	830
DA4200EC-W	4200	6.15	400/3/50	14	R513A	880x1819x1671	860
DA4800EC-W	4800	6.15	400/3/50	14	R513A	880x1819x1671	860

Note: A = air-cooled models, W = water-cooled models

Ingersoll Rand

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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.

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