

Ingersoll Rand

Modular Dryers for Compressed Air Systems



Higher Air Quality Delivered Economically

- Minimize Contaminants, Corrosion, Energy Use
- Reduce Costs by Treating only the Air You Need
- Deliver Quiet Performance on the Spot
- Sustain High Efficiency with Easy Maintenance

Improve Air Quality Output, Reduce Operating Costs

Ingersoll Rand's innovative modular air dryers make it easier and more affordable than ever to deliver high-quality compressed air for instrumentation, process equipment, or production lines – virtually wherever it is needed:

- High-efficiency filtration and desiccant bed adsorption provide clean, dry air.
- Compact, fully integrated units install at point-of-use, so you pay for drying only the air required.
- Conservative pressure drop lowers power costs.
- Optional energy management system for larger units reduces purge air during partial loads.

Enhance Productivity

Our dryers feature standard ISO Class 2 dewpoint performance, with optional ISO Class 1 to meet the most stringent requirements. This helps prevent corrosion and minimizes production disruptions or losses due to moisture or contamination. And easy on-site maintenance – less than 15 minutes after 12,000-hours of use – gets you back on line quickly.



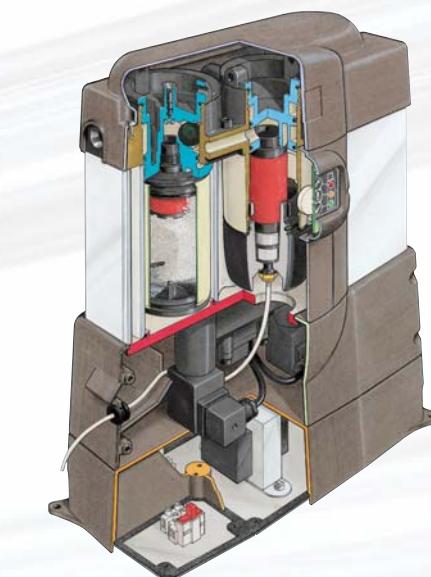
D5IM to D34IM
Modular Dryers

D41IM to D299IM
Modular Dryers

Extend Performance Reliability

In addition to being efficient, these simple and easy-to-maintain modular dryers are also an excellent long-term investment:

- Extruded aluminum construction with Alocrom and epoxy painting prevents corrosion.
- Compact, modular designs have few moving parts.
- Proven, reliable electronic controls, with control panel indication for preventive maintenance, help ensure long-lasting performance.



Built-in high-efficiency filtration to deliver optimum air quality and easy maintenance. (Filters shipped loose on models D41IM and above.)

Promote Environmental Safety

Because noise levels (<75 dB) are so low, Ingersoll Rand modular dryers can be installed right in the work environment. In addition, the dryer's remote exhaust feature offers further enhanced noise suppression. These refrigerant-free units are also designed with NEMA 4/IP-66 enclosures and in accordance with ASME, PED, CSA, UL, and CRN standards.

Progress is with Ingersoll Rand

Ingersoll Rand offers industry-leading products and solutions that enable businesses around the world to reduce energy consumption and costs and decrease harmful environmental emissions. From air compressors that reduce energy consumption to electric-powered golf cars with near-zero emissions, Ingersoll Rand provides the knowledge, experience and solutions to help our clients achieve their sustainability goals.

Specifications: Modular Air Dryers

Model	Capacity		Inlet/Outlet Connection	Max. Pressure		Dimensions in./mm)			Weight
	scfm	nm ³ /hr		NPT/BSP	psig	barg	W	D	
D5IM	3	5	3/8"	175	12	11.4/(289)	5.9/(149)	16.6/(422)	24/(11)
D14IM	8	14	3/8"	175	12	11.4/(289)	5.9/(149)	24.2/(616)	35/(16)
D25IM	15	25	3/8"	175	12	11.4/(289)	5.9/(149)	35.7/(906)	51/(23)
D34IM	20	34	3/8"	175	12	11.4/(289)	5.9/(149)	43.2/(1098)	62/(28)
D41IM	24	41	1/2"	232	16	11.2/(284)	11.9/(302)	32.9/(837)	70/(32)
D54IM	32	54	1/2"	232	16	11.2/(284)	11.9/(302)	39.5/(1003)	81/(37)
D71IM	42	71	1/2"	232	16	11.2/(284)	11.9/(302)	46.0/(1168)	92/(42)
D90IM	53	90	1/2"	232	16	11.2/(284)	11.9/(302)	52.5/(1333)	103/(47)
D110IM	65	110	1/2"	232	16	11.2/(284)	11.9/(302)	59.0/(1499)	114/(52)
D150IM	88	150	1"	189	13	8.7/(220)	22.3/(566)	56.4/(1433)	132/(60)
D180IM	106	180	1"	189	13	8.7/(220)	22.3/(566)	56.4/(1433)	184/(84)
D221IM	130	221	1"	189	13	8.7/(220)	22.3/(566)	62.9/(1599)	198/(90)
D299IM	176	299	1"	189	13	8.7/(220)	22.3/(566)	72.7/(1847)	229/(104)

Capacity is basis 95F/35C inlet temp and 100psig/7barg inlet pressure



Ingersoll Rand Industrial Technologies provides products, services and solutions that enhance our customers' energy efficiency, productivity and operations. Our diverse and innovative products range from complete compressed air systems, tools and pumps to material and fluid handling systems and environmentally friendly microturbines. We also enhance productivity through solutions created by Club Car®, the global leader in golf and utility vehicles for businesses and individuals.

www.ingersollrand.com

Industrial Technologies
P.O. Box 1840
800-D Beatty Street
Davidson, NC 28036
(704) 655-5000
(704) 655-4039 Fax



Member of
CAGI
COMPRESSED AIR
AND GAS INSTITUTE
www.cagi.org



Ingersoll Rand compressors are not designed, intended or approved for breathing air applications. Ingersoll Rand does not approve specialized equipment for breathing air applications and assumes no responsibility or liability for compressors used for breathing air service.

Nothing contained on these pages is intended to extend any warranty or representation, expressed or implied, regarding the product described herein. Any such warranties or other terms and conditions of sale of products shall be in accordance with Ingersoll Rand's standard terms and conditions of sale for such products, which are available upon request.

Product improvement is a continuing goal at Ingersoll Rand. Designs and specifications are subject to change without notice or obligation.