

# 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.



D51M to D341M  
Modular Dryers

D411M to D2991M  
Modular Dryers

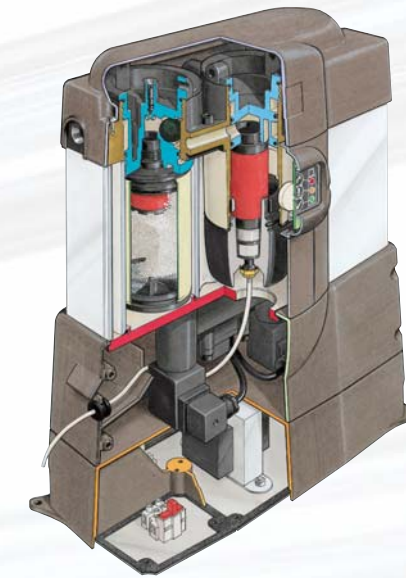
### Extend Performance Reliability

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.

### 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.



Built-in high-efficiency filtration to deliver optimum air quality and easy maintenance. (Filters shipped loose on models D411M and above.)

Progress is greener 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 lb/(kg)
	scfm	nm <sup>3</sup> /hr		psig	barg	W	D	H	
D51M	3	5	3/8"	175	12	11.4/(289)	5.9/(149)	16.6/(422)	24/(11)
D141M	8	14	3/8"	175	12	11.4/(289)	5.9/(149)	24.2/(616)	35/(16)
D251M	15	25	3/8"	175	12	11.4/(289)	5.9/(149)	35.7/(906)	51/(23)
D341M	20	34	3/8"	175	12	11.4/(289)	5.9/(149)	43.2/(1098)	62/(28)
D411M	24	41	1/2"	232	16	11.2/(284)	11.9/(302)	32.9/(837)	70/(32)
D541M	32	54	1/2"	232	16	11.2/(284)	11.9/(302)	39.5/(1003)	81/(37)
D711M	42	71	1/2"	232	16	11.2/(284)	11.9/(302)	46.0/(1168)	92/(42)
D901M	53	90	1/2"	232	16	11.2/(284)	11.9/(302)	52.5/(1333)	103/(47)
D1101M	65	110	1/2"	232	16	11.2/(284)	11.9/(302)	59.0/(1499)	114/(52)
D1501M	88	150	1"	189	13	8.7/(220)	22.3/(566)	56.4/(1433)	132/(60)
D1801M	106	180	1"	189	13	8.7/(220)	22.3/(566)	56.4/(1433)	184/(84)
D2211M	130	221	1"	189	13	8.7/(220)	22.3/(566)	62.9/(1599)	198/(90)
D2991M	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](http://www.ingersollrand.com)

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



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