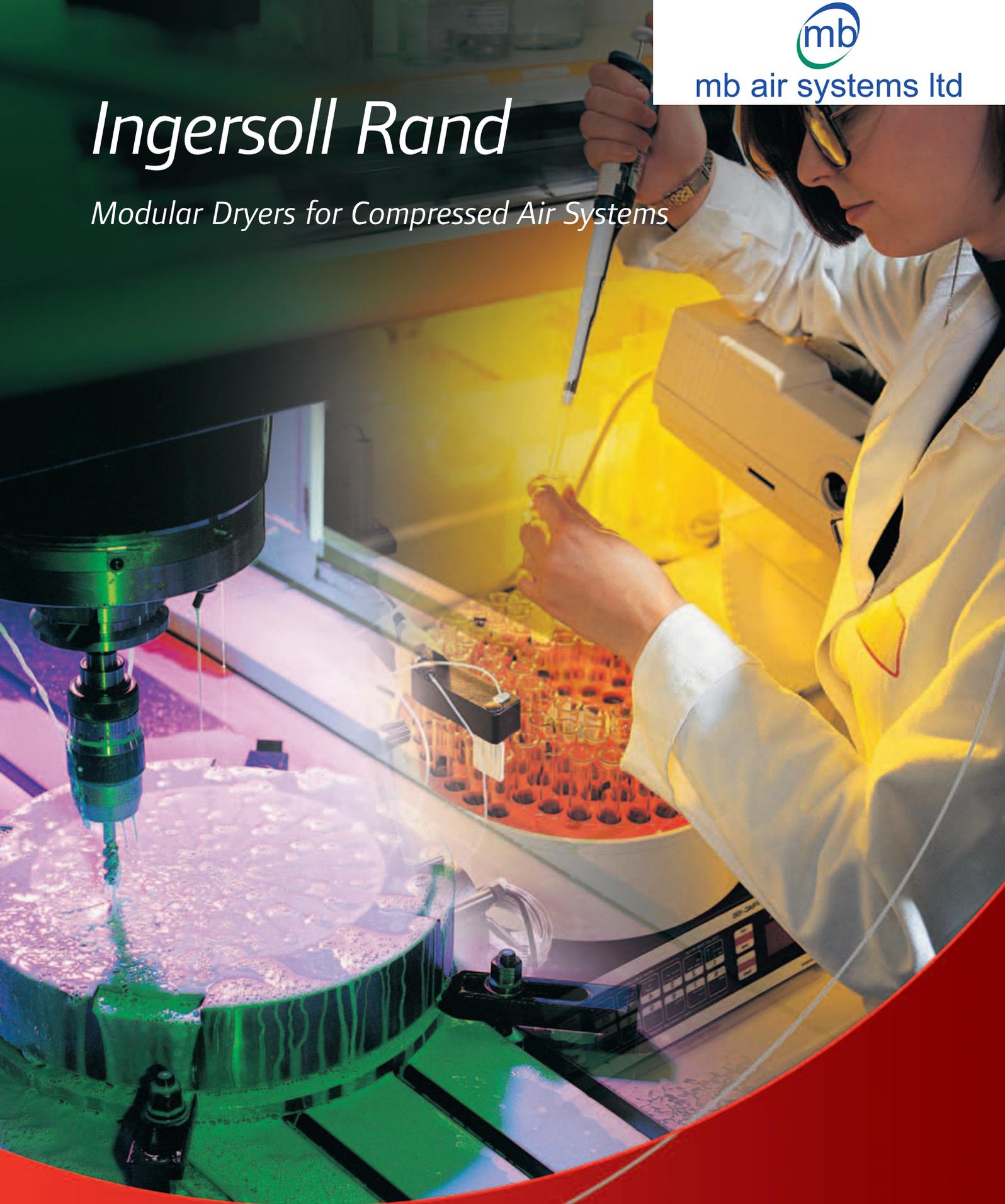




mb air systems ltd

# Ingersoll Rand

*Modular Dryers for Compressed Air Systems*



# Higher Air Quality Delivered Economically

# Ingersoll Rand

- *Minimise: Contaminants, corrosion and energy use*
- *Reduce: Costs by treating only the air you need*
- *Deliver: Outstanding performance with low noise levels*
- *Sustain: High efficiency with easy maintenance*

## Improve air quality output and 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 dew point performance, with optional ISO Class 1 to meet the most stringent requirements. This helps prevent corrosion and minimises production disruptions or losses due to moisture or contamination. Easy on-site maintenance – less than 15 minutes after 12,000-hours of use – gets you back on line quickly.

D51M - D341M  
Modular Dryers



D411M - D2991M  
Modular Dryers

## UltraCare.....helping you to maintain a healthy business

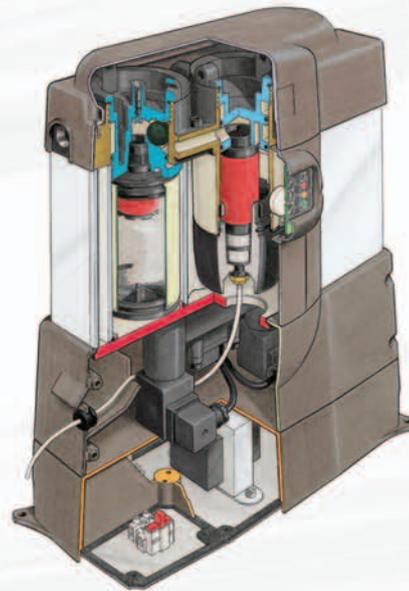
A lot can (and will,) happen in the life of a compressed air system. With ever increasing demands for machine availability in today's industries, reducing production losses due to unplanned maintenance and downtime is essential.

That is why we offer UltraCare. A responsive, flexible, preventative maintenance program, designed to provide Ingersoll Rand authorised maintenance to ensure increased system reliability. UltraCare helps to eliminate unexpected downtime and costly repairs.

### 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

Noise levels <75 dB(A) are so low that 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 *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.

### Technical Specifications (Standard Electrics 230V / 1Ph / 50 Hz)

Model	Capacity		Inlet/Outlet Connection BSP	Max. Pressure		Dimensions			Weight kg
	cfm	m <sup>3</sup> /hr		psig	bar g	Width	mm Length	Height	
D5IM	3	5	3/8"	175	12	149	289	422	11
D14IM	8	14	3/8"	175	12	149	289	616	16
D25IM	15	25	3/8"	175	12	149	289	906	23
D34IM	20	34	3/8"	175	12	149	289	1098	28
D41IM	24	41	1/2"	232	16	302	284	837	32
D54IM	32	54	1/2"	232	16	302	284	1003	37
D71IM	42	71	1/2"	232	16	302	284	1168	42
D90IM	53	90	1/2"	232	16	302	284	1333	47
D110IM	65	110	1/2"	232	16	302	284	1499	52
D150IM	88	150	1"	189	13	566	220	1433	60
D180IM	106	180	1"	189	13	566	220	1433	84
D221IM	130	221	1"	189	13	566	220	1599	90
D299IM	176	299	1"	189	13	566	220	1847	104

Capacity is on the basis of 35°C (95°F) inlet temp and 7 bar g (100psig) 7 bar g inlet pressure.



mb air systems ltd

**Company Directory:**

149 Glasgow Road  
Wishaw  
Lanarkshire  
ML2 7QJ  
Tel 01698 355711  
Fax 01698 359299

Wellheads Road  
Farburn Industrial Estate  
Dyce, Aberdeen  
AB21 7HG  
Tel 01224 723434  
Fax 01224 723545

Fleming Close  
Segensworth East  
Fareham  
Hampshire  
PO15 5SB  
Tel 01489 588398  
Fax 01489 588381

8 Burford Way  
Boldon Business Park  
Boldon  
Tyne & Wear  
NE35 9PZ  
Tel 0191 519 5500  
Fax 0191 537 1105

E-mail [sales@mbairsystems.co.uk](mailto:sales@mbairsystems.co.uk)  
[www.mbairsystems.co.uk](http://www.mbairsystems.co.uk)  
[www.airwinch.co.uk](http://www.airwinch.co.uk)



engineering solutions

design product finishing  
compressed air service pneumatics & tools  
offshore lifting