

Small UP and Infinity

4-11kW



We can help to take your productivity further

Since 1872, when we introduced our first air compressor, Ingersoll Rand has been inspiring progress by driving innovation with technology that improves the way the world works. We continue this legacy with this quality line of rotary screw air compressors — creating a new standard for performance and value.



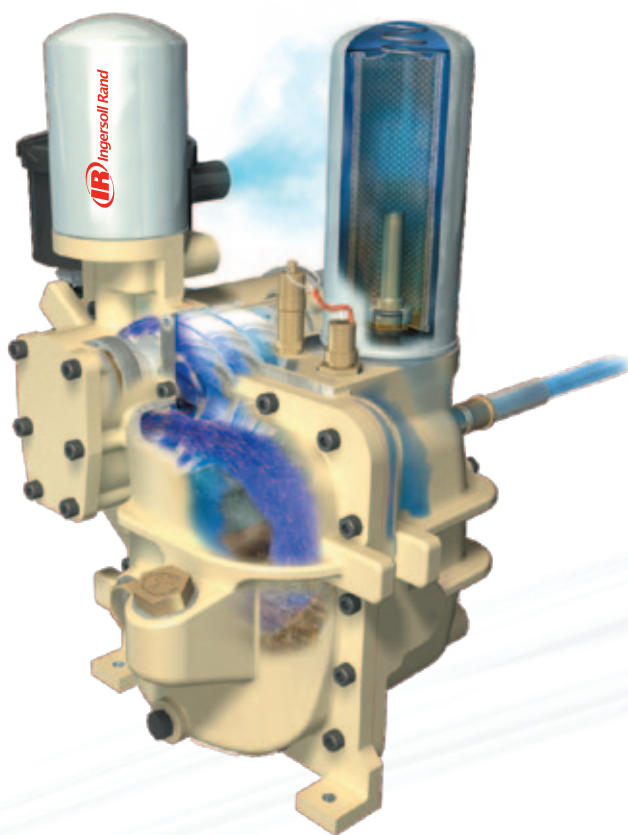
- Reliable performance, design simplicity, and minimization of connections.
- Low sound level, dual control, and a compact footprint provides operating flexibility
- Easy operation with simple user interface and diagnostics
- Cost-effective operation and ease of maintenance

Global reach...local service

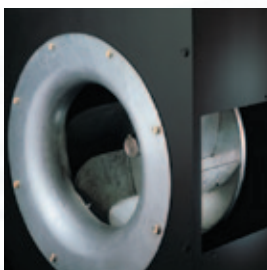
No matter where your facility is located,

Ingersoll Rand offers a worldwide network of certified, factory-trained technicians and engineers ready and capable of supporting you with innovative and cost-effective service solutions to keep you running at peak performance.





The compressor's aircend, interconnecting piping, and separation system are all integrated into one simple design. This eliminates leaks and pressure losses — maximizing efficiency and performance. The spin-on oil and separator cartridges make service and maintenance extremely user-friendly.



Simply advanced

- Premium poly-v belt provides uniform bearing load and belt wear pattern to extend life of belt
- High-efficiency blower cools evenly, saves energy, and produces less noise
- Air/oil cooler discharges heat from the top for greater efficiency
- Exclusive hot box/cool box design isolates hot elements from other components to ensure cooling and extended life
- Dual control operation provides application flexibility and reduced operating costs
- Simple user interface and diagnostic indicators signal operating status, hours, and fault warnings to minimize downtime
- Spacious interior design permits easy maintenance
- Baseplate feature enables convenient transport or movement

A New Standard of Performance

Boost Your Profitability

Boosting your company's profits was the main goal that Ingersoll Rand had in mind when it designed the revolutionary UP-Series line of integrated rotary screw air solutions.

The UP-Series is more than an integrated air system, it's a complete air solution designed to maximize the key drivers of profitability in today's business:

- Ultimate reliability
- Shop productivity
- Flexibility of operation
- Energy efficiency and savings

Welcome to Ingersoll Rand's UP-Series Rotary Air Solutions, a New Standard of Performance.

*Achieve Highest Productivity
and Lowest Total Cost of Ownership*

Exceptional Value

Ultimate Reliability

70% Fewer Connections

Smart integration eliminates leaks and pressure drops maximizing reliability.



Ultimate Productivity

Closely Maintained Pressure

Closely maintained discharge pressure avoids excessive pressure bands and increases downstream tool and equipment life.

Innovation

High Efficiency Integrated Compression Module

- To provide maximum performance, efficiency and ease of service, the airend, interconnecting piping and separation system have all been integrated into one simple design. Integration of the compression module eliminates leaks and pressure losses to increase efficiency and performance.
- Service and maintenance are made extremely easy through spin-on oil and separator cartridges.

Ultimate Flexibility

Compact Footprint Design

Small footprint frees up valuable floor space and reduces installation costs.

Installation Close to Point-of-Use

Whisper quiet operation allows for installation closer to point-of-use, reducing costs and ensuring a better and safer work environment.

Real World Advantages

Whisper Quiet Operation

Oversized, high efficiency motor mount blower. Sound levels as low as 65 dBA.



Poly-V Belt Drive

Premium drive system to minimize belt stretching and increase air output.



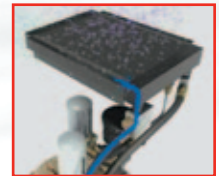
Dual Control Operation

Auto start/stop operation with constant speed control for maximum flexibility.



Advanced Cooling

High efficiency, oversized combination cooler with roof mount discharge for ease of ducting.



Simple Diagnostics

Visual indication of operating status, hours and fault warnings for ease of operation and reduced downtime.



Generous Serviceability

Spacious design for ease of serviceability.



The High Efficiency Compressor Room

Ingersoll Rand's

Total Air System

The UP-Series Fully-Integrated Air System

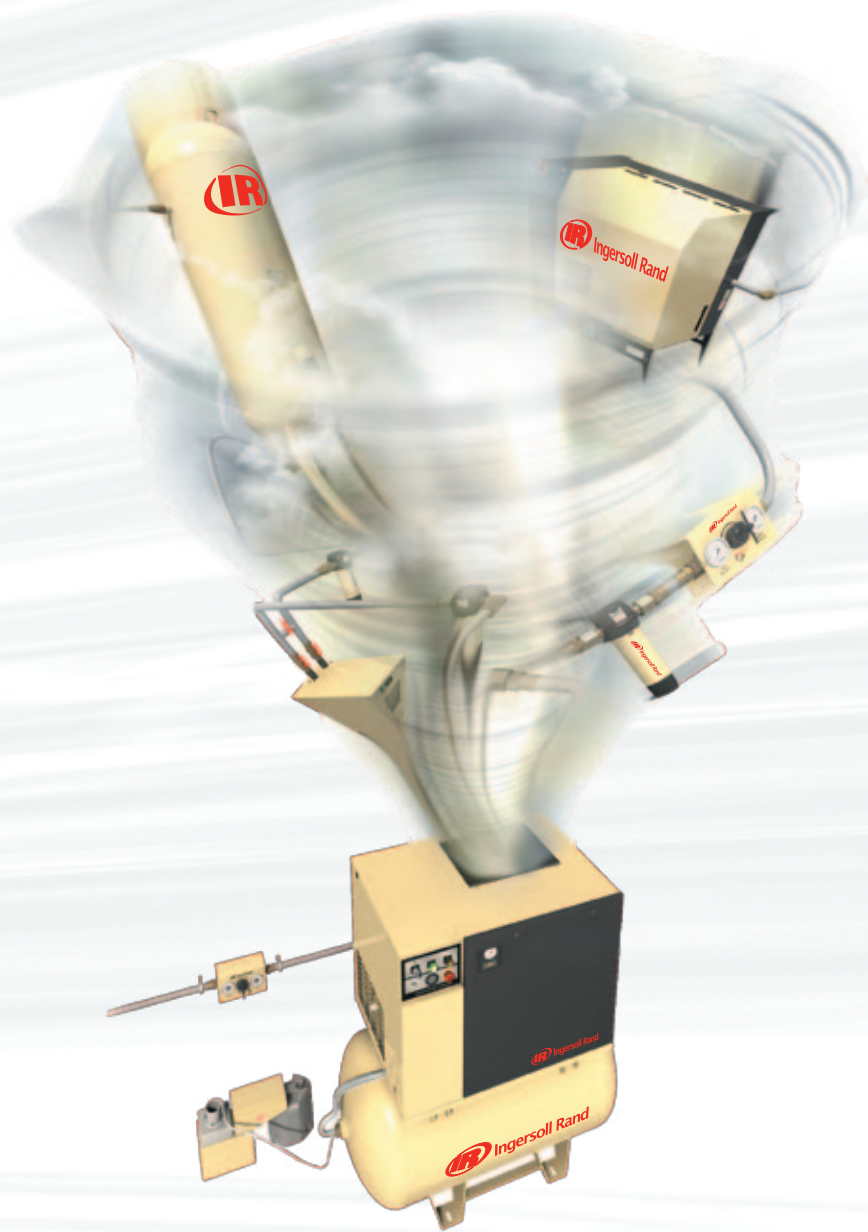
The Right Choice to Maximize Productivity

At the same time as eliminating the task of selecting separate components, and reducing the extensive space requirements of the traditional compressed air system, the Total Air System will provide your business with maximum efficiency, reliability, flexibility, and productivity.

Smart Integration

A Revolutionary Advancement and Internal Airtreatment

- Simplified piping- elimination of potential leaks and vulnerable interconnecting piping.
- Spacious design promoting serviceability and cooling.
- Integrates the compressor, dryer and controls into an energy reducing optimized system. Integrally cooled with common blower to ensure cooling is achieving 100% of time the compressor is running.
- Patented segregated package cooling compartment provides advanced cooling flow management, and reduces noise level enabling installation virtually anywhere.
- Single points condensate drain system instead of separate points - eliminates leaks.
- Package pre-filter for longer cooler life and lower pressure drops.



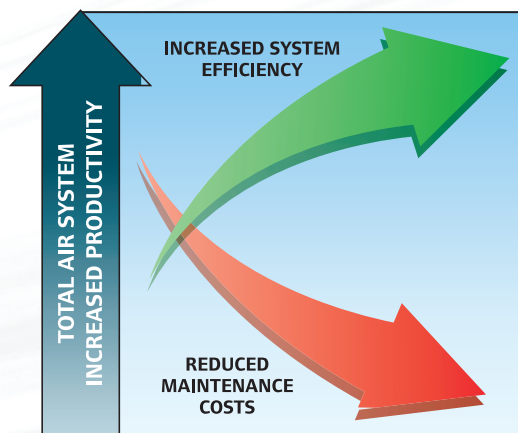
... Without the Need for an Actual Room

Dry and Clean Compressed Air

The Right Air Quality to Do the Job

All Total Air System packages come fully equipped with an integral, energy saving air treatment center including a high performance air dryer and filtration pack to remove water, oil and particles from the air stream.

All components are perfectly matched to deliver the right air quality to increase air powered tool and system equipment life.



High-Efficiency Components

Setting the Standard in System Design

The UP-Series Total Air System incorporates only the highest quality components to ensure that both system efficiency and productivity are maximized. A high efficiency compressor room without the hassle, complexity and costs of the traditional compressor room. Total Air System packages come fully equipped with:

- A high-efficiency rotary screw air compressor
- An energy-saving, cycling refrigerated air dryer
- A high-efficiency coalescing filter
- A high-efficiency particulate filter
- An integral air receiver storage tank
- Integrated compressor and dryer controls
- Low pressure drop piping
- A high-efficiency moisture separator
- Whisper-quiet, low sound operation

Choosing the Right Air Solution has Never Been Easier...

Integral Air Treatment

Dual Filtration Pack

Clean Air to Drive Productivity

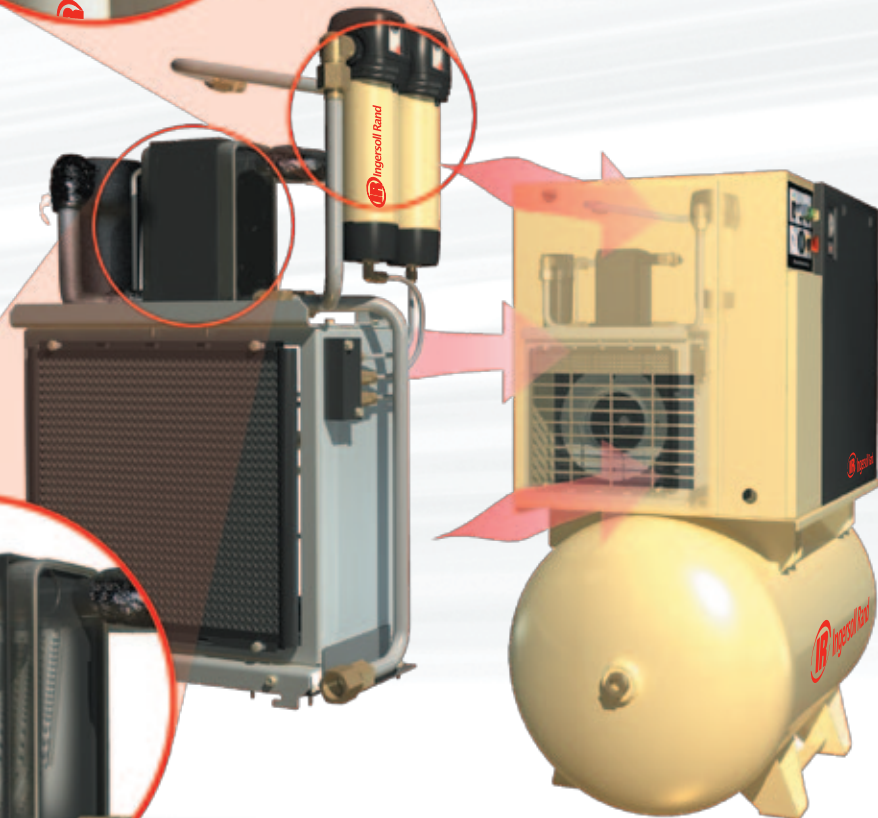
- Two stages of filtration deliver best performance, reduce pressure losses and extend operating life.
- Particulate removal to industry leading 1 micron.
- Oil removal down to 0.01 micron.
- Longer element life, lower pressure drop.
- Better air quality delivered to tools and equipment results in longer life.



Energy-Savings Refrigerated Air Dryer

Dry Air to Drive Productivity

- Cycling dryer – automatically shuts off with the compressor, saving energy compared to traditional dryers which run continuously.
- Stainless steel braided heat exchanger for low losses, high thermal efficiency and long service life.
- Solenoid drain valve and high efficiency moisture separator to permanently discharge condensate.
- Eliminates corrosion of piping, a cause of premature wear of tools and seals.

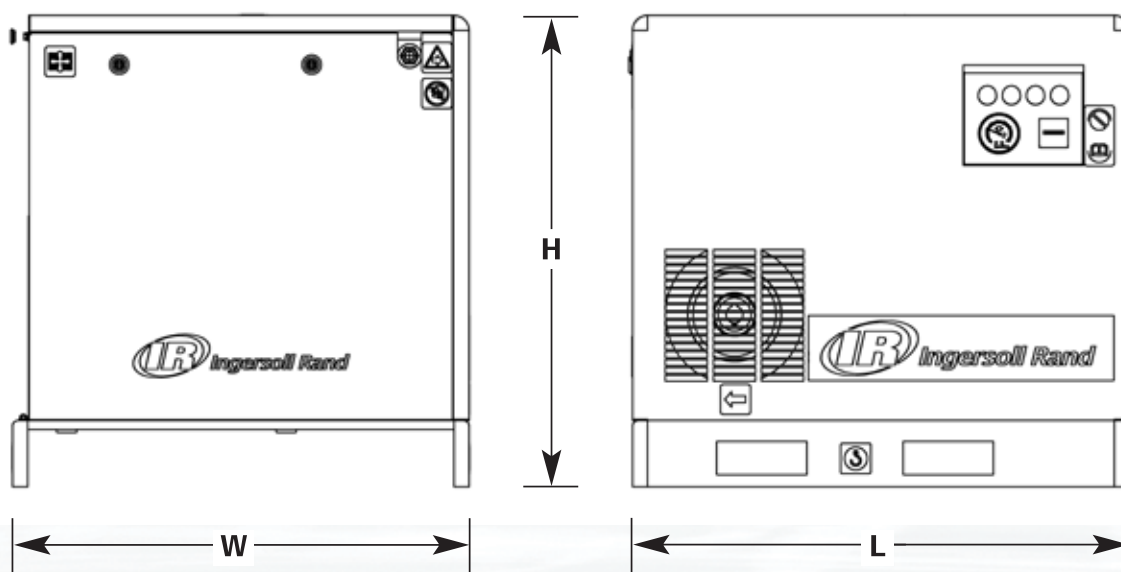


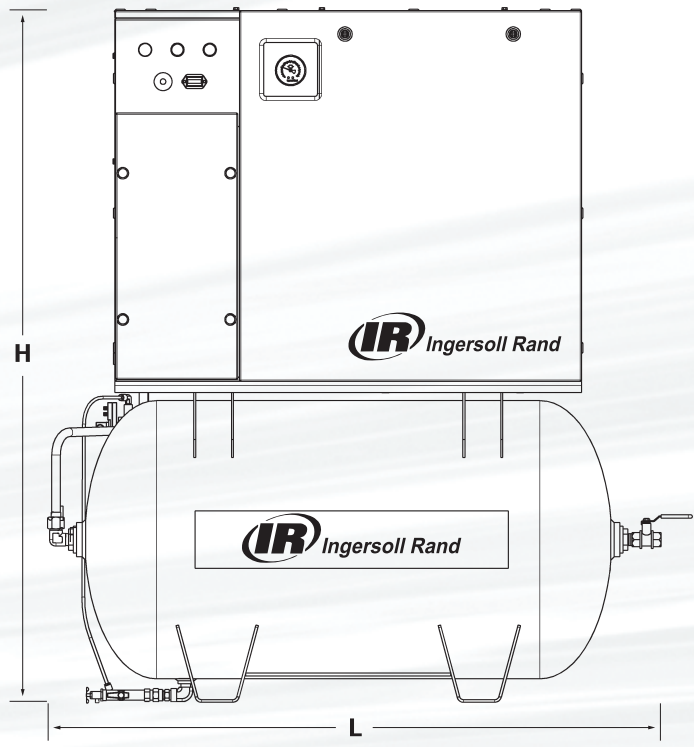
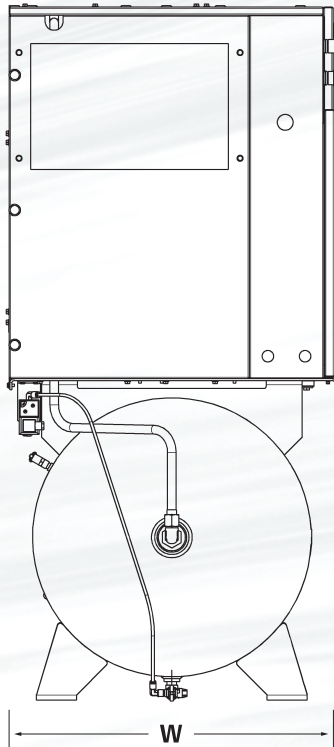
Continuous performance

Ingersoll Rand Rotary Compressor 5.5 - 11 kW

50 Hz Performance Data			
Model	Nominal Power kW (hp)	Working Pressure barg (psig)	Capacity (FAD) m ³ /min (cfm)
R5 IU - A7	5.5 (7.5)	7 (102)	0.83 (29.3)
R5 IU - A8	5.5 (7.5)	8 (116)	0.78 (27.5)
R5 IU - A10	5.5 (7.5)	10 (145)	0.70 (24.7)
R7 IU - A7	7.5 (10)	7 (102)	1.10 (38.8)
R7 IU - A8	7.5 (10)	8 (116)	1.03 (36.3)
R7 IU - A10	7.5 (10)	10 (145)	0.91 (32.1)
R11 IU - A7	11 (15)	7 (102)	1.63 (57.5)
R11 IU - A8	11 (15)	8 (116)	1.52 (53.6)
R11 IU - A10	11 (15)	10 (145)	1.35 (47.6)

Dimensions & Weights				
5.5 – 11 kW / 7.5 – 15 hp	Length mm (in)	Width mm (in)	Height mm (in)	Weight kg (lb)
Baseplate	826 (32.52")	759 (29.88")	782 (30.79")	280 (617)
272 Liter / 71 gal	1343 (52.87")	759 (29.88")	1433 (56.42")	450 (992)





Industry Leading Performance



50 Hertz Total Air System Specifications

Package	Model No. Compressor	kW	Discharge pressure Compressor Package		Capacity*		dBA**
			barg	barg	m ³ /min	cfm	
UP5-4TAS-8	UP5-4-8	4	8	7.3	0.55	19.5	65
UP5-4TAS-10	UP5-4-10	4	10	9.3	0.45	16	65
UP5-5TAS-8	UP5-5-8	5.5	8	7.3	0.82	29	65
UP5-5TAS-10	UP5-5-10	5.5	10	9.3	0.74	26	65
UP5-5TAS-14	UP5-5-14	5.5	14.5	13.8	0.51	18	65
UP5-7TAS-8	UP5-7-8	7.5	8	7.3	1.08	38	68
UP5-7TAS-10	UP5-7-10	7.5	10	9.3	0.96	34	68
UP5-7TAS-14	UP5-7-14	7.5	14.5	13.8	0.68	24	68
UP5-11cTAS-8	UP5-11c-8	11	8	7.3	1.60	56.5	69
UP5-11cTAS-10	UP5-11c-10	11	10	9.3	1.42	50	69
UP5-11cTAS-14	UP5-11c-14	11	14.5	13.8	1.08	38	69

60 Hertz Total Air System Specifications

Package	Model No. Compressor	hp	Discharge pressure Compressor Package		Capacity*		dBA**
			psig	psig	cfm	m ³ /min	
UP6-5TAS-125	UP6-5-125	5	125	115	18.5	0.52	65
UP6-5TAS-150	UP6-5-150	5	150	140	16.0	0.45	65
UP6-7TAS-125	UP6-7-125	7.5	125	115	28.0	0.79	65
UP6-7TAS-150	UP6-7-150	7.5	150	140	25.0	0.25	65
UP6-7TAS-210	UP6-7-210	7.5	210	200	17.5	0.50	65
UP6-10TAS-125	UP6-10-125	10	125	115	38.0	1.08	68
UP6-10TAS-150	UP6-10-150	10	150	140	34.0	0.96	68
UP6-10TAS-210	UP6-10-210	10	210	200	24.0	0.68	68
UP6-15cTAS-125	UP6-15c-125	15	125	115	55.0	1.55	69
UP6-15cTAS-150	UP6-15c-150	15	150	140	50.0	1.42	69
UP6-15cTAS-210	UP6-15c-210	15	210	200	38.0	1.08	69

Dimensions & Weight

50 & 60 Hertz baseplate and receiver mounted units

	Package			Compressor (Without Air Treatment System)	
	Length	Width	Height	Weight	Weight
	inch	mm	inch	pounds	kg
Base mount	41	1042	28.9	725	330
272 Litre Receiver Tank	51.6	1311	28.9	1003	455
500 Litre Receiver Tank	81	2059	28.9	1080	490

* Performance in accordance with ISO 1217 1996 annex C

** Measured in accordance with CAGI-pneurop test code PN8NTC2.3



Ingersoll Rand (NYSE:IR) advances the quality of life by creating and sustaining safe, comfortable and efficient environments. Our people and our family of brands—including Club Car®, Ingersoll Rand®, Schlage®, Thermo King® and Trane® —work together to enhance the quality and comfort of air in homes and buildings; transport and protect food and perishables; secure homes and commercial properties; and increase industrial productivity and efficiency. We are a \$14 billion global business committed to a world of sustainable progress and enduring results.



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