



# *Fixed Speed Rotary Screw Compressors*

*UP6 Series 4-11 kW (5-15 hp)*



# More Than 145 Years of Compressed Air Innovation



Ingersoll Rand introduced its first air compressor in 1872. Over the next 145 years, we have continued to develop rugged, reliable, industry-leading rotary screw compressor technologies. No matter what the application, Ingersoll Rand rotary screw technology provides clean, dry air in all operating conditions to meet your specific performance needs, reduce costly downtime and maximize your productivity.

## UP6 Series 4-11 kW (5-15 hp)

Offering an exceptional value without sacrificing the reliability you've come to expect from Ingersoll Rand, the UP6 Series of oil-flooded rotary screw compressors provides a complete air solution in an easy to use, easy to access compact package, delivering efficient performance.

### Reliability

- Fewer connections and smart integration eliminate leaks and pressure drops, ensuring maximum reliability
- Closely maintained discharge pressure avoids excessive pressure bands and increases downstream tool and equipment life
- Premium Poly-V belt drive system minimizes belt stretching and increases air output

### Productivity

- Whisper-quiet operation as low as 65 dbA allows for installation closer to point of use, reducing costs and ensuring better, safer work environment
- Advanced, high-efficiency combination cooler with roof mount package exhaust enables easy ducting
- Small footprint frees up valuable floor space and reduces installation costs

### Ease of Use

- Simple diagnostics with visual indication of operating status, hours and fault warnings for ease-of-operation and reduced downtime
- Auto start/stop operation ensures maximum flexibility
- Spacious design maximizes serviceability

# Exceptional Value. Proven Design.

## High-Efficiency Integrated Compression Module

The UP6 airend, interconnecting piping and separation system have all been integrated into one simple design to provide maximum efficiency and serviceability in a compact footprint.

### 1 Total Air System Cabinet

The TAS integrated dryer option provides clean, dry air in a single package, minimizing installation costs

### 2 Easy to Use Controls

Visual indicators and auto start/stop operation give you maximum flexibility



### 3 Simple Serviceability

All consumables have been conveniently positioned to facilitate serviceability

### 5 Advanced Cooling

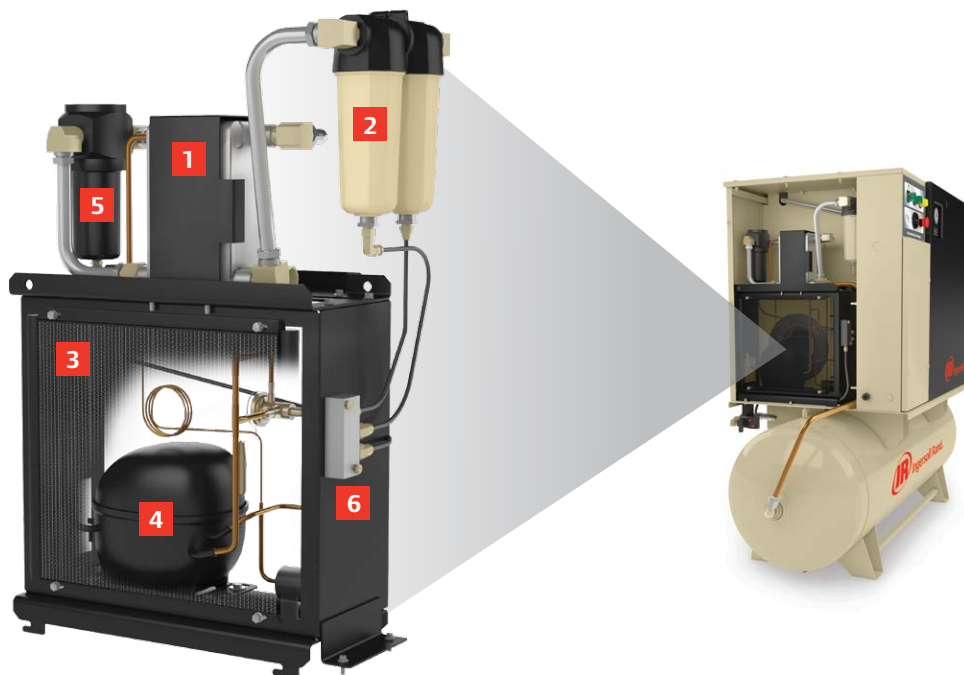
Efficient aftercooler with top package exhaust simplifies ducting

### 4 Compact Design

Small footprint frees up valuable floor space and reduces installation costs

# Convenient Choices for a Complete Air Solution

To provide the most comprehensive air solution, Ingersoll Rand UP6 Series 5-15 hp compressors are available with a Total Air System (TAS) option. These complete cooler and dryer systems come with moisture separators, drain ports and filters. No matter the capacity, Ingersoll Rand provides the complete answer in a compact solution that fits your air and workspace requirements.



**1** 3-in-1 heat exchanger

**2** High-capacity, general purpose filter or filters

**3** Condenser

**4** Reliable refrigerant compressor

**5** Moisture separator

**6** Electronic drain valve (EDV)

## Energy-Saving Refrigerated Air Dryer

- Particulate removal to 0.1 micron
- High-efficiency, direct expansion refrigerated dryer operates continuously, ensuring constant dew point
- Removes moisture from compressed air, eliminating internal pipe rusting, the main cause of premature tool and seal wear

## Smart Integration Benefits

- Dry air receiver mounted as a compact package lowers the cost of installation (optional floor mount also available)
- Easy access to all compressor and air treatment components promotes serviceability
- Simplified piping eliminates potential leaks
- Single-point condensate drain system, instead of separate points, reduces installation cost

# Flexible Performance for Any Application

The Ingersoll Rand UP6 Series 5-15 hp compressors provide an excellent value for your compressed air needs. If your application requires more from a compressed air system, look no further than Ingersoll Rand. Our premium R Series adds a high-efficiency, robust motor and more intelligent controls to give you the ultimate in performance.

Features	R4-11i	UP6 5-15c
TEFC Tri-Voltage motor	●	
Intellisys controls	●	
Total Air System (TAS)	○	○
PORO (Power Outage Restart)	○	○
80 gallon or 120 gallon receiver tank	○	○
Ultra FG or Ultra EL coolant	○	
High ambient	○	
Outdoor modification	○	
200 psig	○	

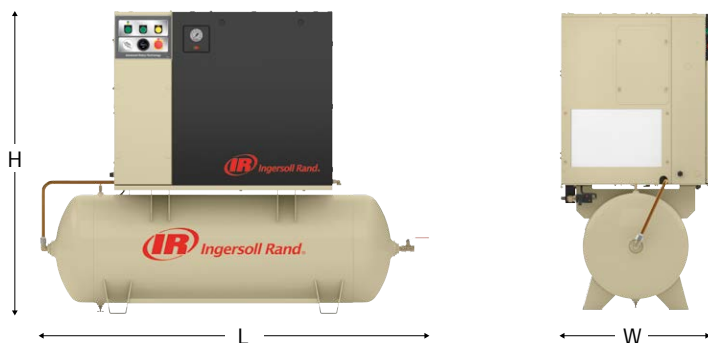
● Standard feature    ○ Optional feature    "Blank" Not Available

60 Hz Specifications - Total Air System					60 Hz Specifications - without Total Air System				
Model	hp	Discharge Pressure Compressor Package psig	Capacity* cfm	db(A) <sup>†</sup>	Model	hp	Discharge Pressure psig	Capacity* cfm	db(A) <sup>†</sup>
UP6-5TAS-125	5	119	18.5	65	UP6-5-125	5	125	14.9	65
UP6-5TAS-150	5	145	16	65	UP6-5-150	5	150	12.9	65
UP6-7TAS-125	7.5	119	28	65	UP6-7-125	7.5	125	26.3	65
UP6-7TAS-150	7.5	145	25	65	UP6-7-150	7.5	150	23.1	65
UP6-10TAS-125	10	119	38	68	UP6-10-125	10	125	36.1	68
UP6-10TAS-150	10	145	34	68	UP6-10-150	10	150	32.3	68
UP6-15cTAS-125	15	119	55	69	UP6-15-125	15	125	52.0	69
UP6-15cTAS-150	15	145	50	69	UP6-15-150	15	150	47.3	69

Baseplate and Receiver Mounted Units Dimensions and Weight							Total Air System		without Total Air System	
	in	Length mm	in	Width mm	in	Height mm	lb	Weight kg	lb	Weight kg
Base Mount	40.9	1,039	28.6	737	36.9	937	725	330	655	298
80 Gallon Receiver Tank	70.2	1,783	29.0	737	56.6	1,438	983	447	908	412
120 Gallon Receiver Tank	74.8	2,000	29.0	737	60.7	1,541	1,021	465	946	430

\*Performance in accordance with ISO 1217 1996 annex C

<sup>†</sup>Measured in accordance with CAGI-Pneurop test code PN8NTC2.3



# Genuine Ingersoll Rand From Start to Finish

Choose genuine Ingersoll Rand parts and accessories to lower your total cost of ownership. Generic parts suffer from inferior performance that will cost you more in the long run. We design our products with safety in mind, eliminating any unnecessary risk you may be taking by using unknown materials.

1



## Fully Synthetic Lubricants

The best way to protect your investment is by using Ingersoll Rand industry-leading, fully synthetic lubricants, which support all types of compressed air systems.

2



## Installation Solutions

We offer everything you need to deliver clean, dry air from the compressor to your point of use. Our SimplAir piping line, couplings and receiver tanks give you optimal air flow while minimizing pressure losses over the length of your system.

3



## Condensate Management

Ingersoll Rand oil water separators and drain valves help make condensate management easier, more efficient and more environmentally friendly. Premium drain products ensure no loss of valuable compressed air.

4



## Line Filters

F-Series filters reduce contamination in your air stream to help protect critical processes and valuable equipment. NL Module coalescing filters provide instrument quality compressed air with a minimal 0.5 psig pressure drop for long-term cost savings.



# Your Trusted Partner in Compressed Air

Optimize your total cost of ownership, while maximizing reliability, efficiency and productivity with our full complement of services that span the entire lifecycle of your compressed air system.



## CARE Maintenance Programs | RELIABILITY FOR LIFE

Compressed air is critical to your operation. A proper maintenance strategy is crucial to avoiding unplanned, unbudgeted downtime and production interruptions. By choosing an Ingersoll Rand CARE maintenance service program — from full risk transfer to routine maintenance or parts coverage — you are investing in your future with a trusted global partner.



Ingersoll Rand (NYSE:IR) advances the quality of life by creating comfortable, sustainable and efficient environments. Our people and our family of brands—including Club Car®, Ingersoll Rand®, Thermo King® and Trane®—work together to enhance the quality and comfort of air in homes and buildings; transport and protect food and perishables; and increase industrial productivity and efficiency. We are a \$13 billion global business committed to a world of sustainable progress and enduring results.



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