



300 – 425 cfm

Portable Air Compressors



Ingersoll Rand portable air compressors keep you productive longer with a unique cool-box design that prolongs component life. Galvanneal sheet metal on the front panel and a three-step paint process help maintain the compressor's appearance and resale value.

Committed to your productivity

Ingersoll Rand compressors make your productivity a priority. With pressure ratings of 100 – 200 psig (6.9 – 13.8 bar), and capacity ranging between 300 – 425 cfm (8.5 – 12 m³/min), these models are built with the power you need, whatever the application.

MODEL	VHP300WIR	HP375WIR	XP375WIR	P425WIR
COMPRESSOR — ROTARY SCREW / SINGLE-STAGE				
Free-air Delivery – cfm (m ³ /min)	300 (8.5)	375 (10.6)	375 (10.6)	425 (12)
Rated Operating Pressure – psig (bar)	200 (13.8)	150 (10.3)	125 (8.6)	100 (6.9)
Pressure Range – psig (bar)	80 – 225 (5.5 – 15.5)	80 – 175 (5.5 – 12.1)	80 – 150 (5.5 – 10.3)	80 – 125 (5.5 – 8.6)
Air Discharge Outlet Size NPT – in (mm)	1.25 (31.8)	1.25 (31.8)	1.25 (31.8)	1.25 (31.8)
Air Discharge Outlet Quantity	1	1	1	1
ENGINE — TIER 2				
Make	Ingersoll Rand	Ingersoll Rand	Ingersoll Rand	Ingersoll Rand
Model	4IRD5AE	4IRD5AE	4IRD5AE	4IRD5AE
Number Of Cylinders	4	4	4	4
Displacement – cu in (L)	276 (4.5)	276 (4.5)	276 (4.5)	276 (4.5)
Rated Speed – rpm	2,400	2,400	2,400	2,400
Idle Speed – rpm	1,500	1,500	1,500	1,500
bhp @ Rated Speed	125	125	125	125
Electrical	24 V	24 V	24 V	24 V
Fuel Tank Capacity – gal (L)	60 (227)	60 (227)	60 (227)	60 (227)
DIMENSIONS W/ RUNNING GEAR				
Length – in (mm)	158.5 (4026)	158.5 (4026)	158.5 (4026)	158.5 (4026)
Width – in (mm)	78.1 (1985)	78.1 (1985)	78.1 (1985)	78.1 (1985)
Height – in (mm); Add 5" (127 mm) for lift bail	68 (1726)	68 (1726)	68 (1726)	68 (1726)
Track Width – in (mm)	66.2 (1681)	66.2 (1681)	66.2 (1681)	66.2 (1681)
Shipping Weight — No Fuel – lb (kg)	4,173 (1892)	4,173 (1892)	4,173 (1892)	4,173 (1892)
Working Weight — w/ Fuel – lb (kg)	4,593 (2083)	4,593 (2083)	4,593 (2083)	4,593 (2083)
DIMENSIONS W/O RUNNING GEAR				
Length – in (mm); Add 6 – 8" (152 – 203 mm) for service valve	104 (2642)	104 (2642)	104 (2642)	104 (2642)
Width – in (mm)	60 (1524)	60 (1524)	60 (1524)	60 (1524)
Height – in (mm); Add 5" (127 mm) for lift bail	56.8 (1443)	56.8 (1443)	56.8 (1443)	56.8 (1443)
Shipping Weight — No Fuel – lb (kg)	3,861 (1751) est	3,861 (1751) est	3,861 (1751) est	3,861 (1751) est
Working Weight — w/ Fuel – lb (kg)	4,281 (1941) est	4,281 (1941) est	4,281 (1941) est	4,281 (1941) est

PERFORMANCE FEATURES

- Automatic shutdown protection with indicator lights, high discharge air temperature, low engine oil pressure, high engine coolant temperature, and low fuel level
- Electric brakes with towing lights, side markers, and reflectors
- External, single-point lifting bail for easy hoisting
- Full-length lockable side doors with pneumatic lift springs provide easy opening and excellent access for serviceability
- Heavy-duty A-frame drawbar with adjustable pintle eye and safety chains provide easy vehicle attachment and stability while towing

AVAILABLE OPTIONS (FACTORY-INSTALLED)

- 6 kW onboard generator with three 120 V, 20 amp, 1 phase, 60 Hz, GFI duplex receptacles
- 4-in-1 gauge for engine temperature, volt meter, engine oil pressure, and discharge air temperature
- Tachometer
- Air filter maintenance indicator warning light on front panel
- Keyed ignition
- Dual pressure regulation (not available on P425 model)
- 100' single or 100' double hose reels with or without hose, or OSHA valves
- 8-position, adjustable pintle eye or ball hitch attachment, 19 – 33" in 2" increments
- Pneumatic third wheel attached to drawbar in addition to standard screw jack with padfoot
- Parking brake
- Less running gear with central drains
- Entire enclosure constructed of galvaneal sheet metal for improved corrosion protection
- Pivoting lifting bail for greater security
- Three 3/4" NPT discharge valves

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

Ingersoll Rand air compressors are not designed, intended, or approved for breathing air. Compressed air should not be used for breathing air applications under any circumstances.

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



ONBOARD AFTERCOOLERS AND COALESCING FILTERS

The Instrument Quality air system option for the 300 – 375 cfm (8.5 – 10.6 m³/min) includes an internal aftercooler that provides an approach temperature of 20° F, as well as a water separator and dual particulate coalescing filters for cleaner, drier air. This system eliminates condensate waste and is available on the VHP300WIR, HP375WIR, and the XP375WIR.

These compressors are covered by a premium warranty available only on units powered by an Ingersoll Rand engine. This warranty is available when original Ingersoll Rand fluids, filters, and parts are used at the prescribed intervals.

- 5-year / 10,000-hour extended warranty on the powertrain, which includes the engine, the coupling, and the airend; these units are identified with the Ingersoll Rand engine logo
- 2-year / 4,000-hour warranty on the starter, alternator, and fuel system
- Fully transferable to the next owner
- Single source for all warranty parts and service
- Fuel / water separator comes standard



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