

300 CFM to 425 CFM Portable Air Compressors

IR Ingersoll-Rand



Committed to Your Productivity

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 new paint process improve corrosion resistance — maintaining the compressor's appearance as well as its resale value. 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 new models are built with the power you need, whatever the application.

Platinum Warranty

The Platinum Series Warranty is 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 Platinum Series logo.
- 2-year / 4,000-hour warranty on the starter, alternator, and fuel system.
- Fully transferable warranty to the next owner.
- Single source for all warranty parts and service.
- Fuel / water separator comes as a standard feature in the Platinum Series.



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Specifications

KEY FEATURES / BENEFITS

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

AVAILABLE OPTIONS (FACTORY INSTALLED)

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

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MODEL	VHP300WIR	HP375WIR	XP375WIR	P425WIR
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
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 in (NPT/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
Fuel Tank Capacity gal (L)	60 (227)	60 (227)	60 (227)	60 (227)
DIMENSIONS WITH RUNNING GEAR				
Overall Length in (mm)	158.5 (4026)	158.5 (4026)	158.5 (4026)	158.5 (4026)
Overall Width in (mm)	78.1 (1985)	78.1 (1985)	78.1 (1985)	78.1 (1985)
Overall Height in (mm); Add 5" (127 mm) 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 — With Fuel lb (kg)	4,593 (2083)	4,593 (2083)	4,593 (2083)	4,593 (2083)
DIMENSIONS WITHOUT RUNNING GEAR				
Overall Length in (mm); Add 6 – 8" (152 – 203 mm) for Service Valve	104 (2642)	104 (2642)	104 (2642)	104 (2642)
Overall Width in (mm)	60 (1524)	60 (1524)	60 (1524)	60 (1524)
Overall 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 — With Fuel lb (kg)	4,281 (1941) est	4,281 (1941) est	4,281 (1941) est	4,281 (1941) est

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



ON-BOARD 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.



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