

# 300 CFM to 425 CFM Portable Air Compressors

**IR** Ingersoll-Rand®

جهان کمپرسور  
Jahan Compressor



Distributed By:

**One Source**  
RENTALS • SALES • SERVICE

[www.onesourcerental.com](http://www.onesourcerental.com)

## 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 m<sup>3</sup>/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.



# 300 CFM to 425 CFM Portable Air Compressors

## 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

MODEL	VHP300WIR	HP375WIR	XP375WIR	P425WIR
<b>ENGINE – TIER 2</b>				
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
<b>COMPRESSOR – ROTARY SCREW / SINGLE STAGE</b>				
Free-Air Delivery cfm (m <sup>3</sup> /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)
<b>DIMENSIONS WITH RUNNING GEAR</b>				
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)
<b>DIMENSIONS WITHOUT RUNNING GEAR</b>				
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 m<sup>3</sup>/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.

Distributed By:



[www.irco.com](http://www.irco.com)

(877) IR BRAND

© 2004 Ingersoll-Rand Co.

Form 08-0005  
Printed in USA 08-04