

375 – 600 cfm

Portable Air Compressors



Doosan Infracore
Portable Power



Committed to your productivity

Doosan Infracore Portable Power compressors make your productivity a priority. With pressure ratings from 100 to 150 psig, and capacities of 375 and 425 cfm, these models are built with the power you need, whatever the application.

	MODEL	XP375WIR	HP375WIR	P425WIR
Compressor Rotary Screw/Single-Stage	Free-Air Delivery – cfm (m ³ /min)	375 (10.6)	375 (10.6)	425 (12)
	Rated Operating Pressure – psi (bar)	125 (8.6)	150 (10.3)	100 (6.9)
	Pressure Range – psi (bar)	80 – 150 (5.5 – 10.3)	80 – 175 (5.5 – 12.1)	80 – 125 (5.5 – 8.6)
	Air Discharge Outlet NPT Size – in (mm)	1.25 (31.8)	1.25 (31.8)	1.25 (31.8)
	Air Discharge Outlet Quantity	1	1	1
Engine	Make	Ingersoll Rand	Ingersoll Rand	Ingersoll Rand
	Model	4IRD5AE	4IRD5AE	4IRD5AE
	Number Of Cylinders	4	4	4
	Displacement – cu in (L)	276 (4.5)	276 (4.5)	276 (4.5)
	Rated Speed – rpm	2200	2200	2200
	Idle Speed – rpm	1500	1500	1500
	Bhp @ Rated Speed	125	125	125
	Electrical – volts	24	24	24
Fuel Tank Capacity – gal (L)	60 (227)	60 (227)	60 (227)	
Dimensions With Running Gear	Length – in (mm)	158.5 (4026)	158.5 (4026)	158.5 (4026)
	Width – in (mm)	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)
	Track Width – in (mm)	66.2 (1681)	66.2 (1681)	66.2 (1681)
	Shipping Weight – No Fuel – lb (kg)	4173 (1892)	4173 (1892)	4173 (1892)
	Working Weight – With Fuel – lb (kg)	4593 (2083)	4593 (2083)	4593 (2083)
	Tire Size	ST225/75D15	ST225/75D15	ST225/75D15
Dimensions Without Running Gear	Length – in (mm); Add 6" – 8" (152 – 203 mm) for service valve	104 (2642)	104 (2642)	104 (2642)
	Width – in (mm)	60 (1524)	60 (1524)	60 (1524)
	Height – in (mm); Add 5" (127 mm) for lift bail	56.8 (1442)	56.8 (1442)	56.8 (1442)
	Shipping Weight – No Fuel – lb (kg)	3861 (1751) est.	3861 (1751) est.	3861 (1751) est.
	Working Weight – With Fuel – lb (kg)	4281 (1941) est.	4281 (1941) est.	4281 (1941) est.

Performance features

- Automatic shutdown protection with indicator lights for 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

Optional onboard aftercoolers and coalescing filters

The IQ System® option for the 375 cfm model includes an internal aftercooler that provides an approach temperature of 20 degrees F, as well as a water separator and dual particulate coalescing filters for cleaner, drier air. This system eliminates condensate waste.

Available options (factory installed)

- 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
- Eight-position, adjustable pintle eye or ball hitch attachment, 19" to 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 galvanized sheet metal for improved corrosion protection
- Three 3/4" NPT discharge valves



Heavy-duty reliability and productivity

Rely on improved corrosion resistance with galvanized sheet metal on the front panel and a three-step paint process over the entire enclosure. Doosan Infracore Portable Power portable air compressors deliver heavy-duty dependability and automatic safety features, plus a unique cool-box design that helps prolong component life.

	MODEL	VHP400WIR	HP450WIR	P600WIR
Compressor Rotary Screw/Single-Stage	Free-Air Delivery – cfm (m ³ /min)	400 (11.3)	450 (12.7)	600 (17)
	Rated Operating Pressure – psi (bar)	200 (13.8)	150 (10.3)	100 (6.9)
	Pressure Range – psi (bar)	80 – 225 (5.5 – 15.5)	80 – 175 (5.5 – 12.1)	80 – 125 (5.5 – 8.6)
	Air Discharge Outlet (qty. x size)	1 x 2	1 x 2	1 x 2
Engine	Make	Ingersoll Rand	Ingersoll Rand	Ingersoll Rand
	Model	6IRF8AE	6IRF8AE	6IRF8AE
	Number Of Cylinders	6	6	6
	Displacement – cu in (L)	414 (6.8)	414 (6.8)	414 (6.8)
	Rated Speed – rpm	2200	2200	2200
	Idle Speed – rpm	1500	1500	1500
	Bhp @ Rated Speed	173	173	173
	Electrical – volts	24	24	24
Fuel Tank Capacity – gal (L)	73 (276)	73 (276)	73 (276)	
Dimensions With Running Gear	Length – in (mm)	170 (4318)	170 (4318)	170 (4318)
	Width – in (mm)	78.1 (1984)	78.1 (1984)	78.1 (1984)
	Height – in (mm); Add 5" (127 mm) for lift bail	76 (1930)	76 (1930)	76 (1930)
	Track Width – in (mm)	66.2 (1681)	66.2 (1681)	66.2 (1681)
	Shipping Weight – No Fuel – lb (kg)	5133 (2328)	5133 (2328)	5133 (2328)
	Working Weight – With Fuel – lb (kg)	5644 (2560)	5644 (2560)	5644 (2560)
	Tire Size	ST235/80R16	ST235/80R16	ST235/80R16
Dimensions Without Running Gear	Length – in (mm)	117 (2972)	117 (2972)	117 (2972)
	Width – in (mm)	61 (1549)	61 (1549)	61 (1549)
	Height – in (mm); Add 5" (127 mm) for lift bail	56.9 (1443)	56.9 (1443)	56.9 (1443)
	Shipping Weight – No Fuel – lb (kg)	4565 (2070)	4565 (2070)	4565 (2070)
	Working Weight – With Fuel – lb (kg)	5000 (2268)	5000 (2268)	5000 (2268)
	Engine Oil Capacity – gal (L)	8.6 (32.5)	8.6 (32.5)	8.6 (32.5)
Radiator Coolant Capacity – gal (L)	7.0 (26.5)	7.0 (26.5)	7.0 (26.5)	

Performance features

- Electric brakes with towing lights, side markers and reflectors for additional safety during transport
- Heavy-duty screw jack
- External, single-point lifting bail for easy hoisting
- Heavy-duty A-frame drawbar with adjustable pintle eye and safety chains provide easy hookup 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 for high discharge air temperature, low engine oil pressure, high engine coolant temperature and low fuel level

Optional onboard aftercoolers and coalescing filters

The IQ System option for the 400 to 450 cfm (11.3 to 12.7 m³/min) includes an internal aftercooler that provides an approach temperature of 20 degrees 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 VHP400WIR and HP450WIR. This system is not available on P600.

Available options (factory installed)

- Six kW onboard generator with three 120-volt, 20-amp, 1-phase, 60-Hz GFI duplex receptacles
- Single or double hose reels with or without hose or OSHA valves
- Adjustable pintle eye or ball hitch attachment, 19" to 33" in 2" increments
- Keyed ignition
- Less running gear with central drains
- Tachometer
- Four-in-1 combo gauge: Engine temperature; Volt meter; Engine oil pressure; Discharge air temperature
- Air filter service indicator warning light on the panel
- Parking brake
- Dual pressure regulation (not available on P600 model)
- Pneumatic third wheel attached to drawbar in addition to the standard screw jack with padfoot
- Entire enclosure constructed of galvanized sheet metal for improved corrosion protection
- Pivoting lifting bail for greater security
- Three 3/4" NPT discharge valves





**Doosan Infracore
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Experience Doosan Infracore Portable Power and our industry-leading support and service. Whatever the job, Portable Power has the solution. From our comprehensive range of Ingersoll Rand air compressors, lighting systems and generators to our rugged and reliable light compaction and concrete equipment, we have a solution to fit your needs. Running a successful business takes more than powerful equipment. That's why Portable Power partners with an experienced global dealer network to stand beside you every step of the way. Portable Power — more than 100 years of providing excellence.

(877) 472-7263

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Warranty

These compressors are covered by a premium warranty available only on units powered by an Ingersoll Rand engine. This warranty is available when original fluids, filters and parts from an authorized Doosan Infracore Portable Power dealer 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.



Doosan Infracore Portable Power air compressors are not designed, intended, or approved for breathing air. Compressed air should not be used for breathing air applications under any circumstances.

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