



375 – 425 cfm

Portable Air Compressors



Ingersoll Rand compressors are constructed from the finest materials and built to the most demanding specifications. So no matter what the application, you can be confident in your Ingersoll Rand portable compressor — the standard in quality.

High performance air compressors

These 125 hp, Tier 2, certified, diesel-powered Ingersoll Rand air compressors were engineered specifically with the end-user in mind. The simple-to-service Cummins engine combined with our toughest airends provide maximum efficiency in a wide range of temperatures and altitudes. Large, full-length, heavy-gauge sheet metal doors provide unparalleled access to the clean layout of all internal systems.

PERFORMANCE FEATURES

- Automatic shutdown protection, mechanical air filter maintenance indicators, and lights for oil pressure, air and coolant temperature, and low fuel
- Durable polyethylene fenders will not bend or break
- Electric brakes with towing lights, side markers, and reflectors
- External, single-point lifting bail for easy hoisting
- Heavy-duty A-frame drawbar with adjustable pintle eye, 15" tires, and zinc-plated chains provide easy hook-up to vehicle and stability while towing
- Lockable side doors with pneumatic lift springs
- Rear access panels provide quick access to heat exchangers for cleaning
- Single, E-Z lube axle running gear with rugged leaf springs provides a smooth ride while protecting internal components
- Standard rear bumper and heavy-duty screw jack protect the enclosure and simplify vehicle hook-up
- Transparent, plastic fuel tank will not corrode or sag

STANDARD OPTIONS

- 4-in-1 gauge for engine temperature, volt meter, engine oil pressure, and discharge air temperature
- 100' single or 100' double hose reels with or without hose, or OSHA valves
- Adjustable 2" ball hitch
- Aftercooler with water separator (not available on P425WCU)
- Battery heater
- Diagnostic panel
- Dual pressure regulation (not available on P425WCU)
- Engine block heater
- Entire enclosure constructed of galvanneal sheet metal
- Extended length drawbar
- Full gauge panel
- Key-lock doors or keyed ignition
- Less running gear with central drains
- Parking brake
- Pivoting lifting bail for greater security
- Pneumatic third wheel attached to drawbar in addition to standard screw jack with padfoot
- Tachometer
- Three 3/4" NPT discharge valves in addition to standard 1-1/4" valve

MODEL	XP375WCU	HP375WCU	P425WCU
COMPRESSOR — ROTARY SCREW / SINGLE-STAGE			
Free-air Delivery – cfm (m ³ /min)	375 (10.6)	375 (10.6)	425 (12)
Rated Operating Pressure – psig (bar)	125 (8.6)	150 (10.3)	100 (6.9)
Pressure Range – psig (bar)	80 – 150 (5.5 – 10.3)	80 – 175 (5.5 – 12.1)	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)
Air Discharge Outlet Quantity	1	1	1
ENGINE — TIER 2			
Make	Cummins	Cummins	Cummins
Model	4B3.9TAA	4B3.9TAA	4B3.9TAA
Number Of Cylinders	4	4	4
Displacement – cu in (L)	283 (4.6)	283 (4.6)	283 (4.6)
Rated Speed – rpm	2,200	2,200	2,200
Idle Speed – rpm	1,500	1,500	1,500
bhp @ Rated Speed	125	125	125
Electrical	12 V	12 V	12 V
Engine Oil Capacity – gal (L)	2.5 (9.5)	2.5 (9.5)	2.5 (9.5)
Radiator Coolant Capacity – gal (L)	4.5 (17)	4.5 (17)	4.5 (17)
Fuel Tank Capacity – gal (L)	60 (227.1)	60 (227.1)	60 (227.1)
DIMENSIONS W/ 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)	3,959 (1795)	3,959 (1795)	3,959 (1795)
Working Weight — w/ Fuel – lb (kg)	4,361 (1978)	4,361 (1978)	4,361 (1978)
DIMENSIONS W/O 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 (1443)	56.8 (1443)	56.8 (1443)
Shipping Weight — No Fuel – lb (kg)	3,647 (1654)	3,647 (1654)	3,647 (1654)
Working Weight — w/ Fuel – lb (kg)	4,049 (1836)	4,049 (1836)	4,049 (1836)

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.

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