



675 – 825 cfm

Portable Air Compressors



The tradition of rugged reliability continues

Ingersoll Rand 675 – 825 cfm compressors continue in a class of their own, leaving competitors in the dust. They have easy-to-maintain, single-wall coolers that ensure high performance in demanding conditions, heavy-duty tandem-axle running gear for highway towing with an exclusive extended-life slipper spring system, and a cool-box design that prolongs component life while eliminating long cool-down periods. Our portable compressors are built for long-term use and maximum productivity. Plus, galvaneal sheet metal is standard in high-corrosion areas, adding to their lasting durability. Ingersoll Rand compressors have the lowest total cost of ownership when compared to other units on the market.

PERFORMANCE FEATURES

- 3/8" safety chains with grade 43 hooks
- 1-year / 2,000-hour package warranty
- 2-year / 4,000-hour warranty airtight standard, extended to 5-year / 10,000-hour warranty with use of Ingersoll Rand parts and fluids
- 500-hour engine oil service / 1,000-hour airtight oil service
- Automatic safety shutdowns for high discharge air temperature, low engine oil pressure, high engine coolant temperature, and low fuel level
- Backlit gauges
- Easy maintenance of coolers, filters, and fluids
- Fuel / water separator as primary filtration
- Heavy-duty 14-gauge fenders
- Heavy-duty A-frame detachable drawbar with adjustable-height pintle eye
- Large, powerful 1,150 CCA batteries
- Microprocessor-controlled engine with optimal compressor performance
- Secured lifting eye with interior release pin
- Slam latch handles with padlock provisions
- Standard engine auxiliary drive provision

SELECTED OPTIONS

- Aftercooler plus water separator with 20° F approach temperature
- Central drains for single-point fluid maintenance
- Cold start kit includes engine block heaters, engine oil pan, batteries
- Dual pressure regulation: HP units available with 100 / 150 psig; XP units available with 100 / 125 psig
- Full galvaneal sheet metal
- Hydraulic surge brakes with 3-position hitch (subject to local DOT regulations)
- IQ System™ aftercooler plus particulate and coalescing filters with patented condensate disposal system for cleaner, drier air
- Less running gear includes isolation mounts for truck, trailer, or permanent pad installation
- Multiple air outlets: (1) 2" and (3) 1-1/4" valves

MODEL

COMPRESSOR — ROTARY SCREW / SINGLE-STAGE

	HP675WCU	XP750WCU	HP750WCU	XP825WCU
Free-air Delivery – cfm (m³/min)	675 (19.1)	750 (21.2)	750 (21.2)	825 (23.4)
Rated Operating Pressure – psig (bar)	150 (10.3)	125 (8.6)	150 (10.3)	125 (8.6)
Pressure Range – psig (bar)	80 – 175 (5.5 – 12.1)	80 – 150 (5.5 – 10.3)	80 – 175 (5.5 – 12.1)	80 – 150 (5.5 – 10.3)
Air Discharge Outlet Size – in (NPT)	2	2	2	2
Air Discharge Outlet Quantity	1	1	1	1

ENGINE — TIER 3 / STAGE III

	Cummins	Cummins	Cummins	Cummins
Make	Cummins	Cummins	Cummins	Cummins
Model	QSC 8.3	QSC 8.3	QSC 8.3	QSC 8.3
Number Of Cylinders	6	6	6	6
Displacement – cu in (L)	506 (8.3)	506 (8.3)	506 (8.3)	506 (8.3)
Rated Speed – rpm	2,000	2,000	2,000	2,000
Idle Speed – rpm	1,200	1,200	1,200	1,200
bhp @ Rated Speed – (kW)	260 (194)	260 (194)	280 (209)	280 (209)
Electrical, Batteries, CCA	24 V, (2) 4D 1,150	24 V, (2) 4D 1,150	24 V, (2) 4D 1,150	24 V, (2) 4D 1,150
Engine Oil Capacity – qt (L)	20 (19)	20 (19)	20 (19)	20 (19)
Radiator Coolant Capacity – gal (L)	7.5 (28)	7.5 (28)	7.5 (28)	7.5 (28)
Altitude Capability – ft (m)	7,000 (2134)	7,000 (2134)	7,000 (2134)	7,000 (2134)
Fuel Tank Capacity – gal (L)	122 (462)	122 (462)	122 (462)	122 (462)

DIMENSIONS W/ RUNNING GEAR

Length – in (mm)	195.1 (4956)	195.1 (4956)	195.1 (4956)	195.1 (4956)
Width – in (mm)	87 (2210)	87 (2210)	87 (2210)	87 (2210)
Height – in (mm) (includes exh pipe)	85.4 (2169)	85.4 (2169)	85.4 (2169)	85.4 (2169)
Track Width – in (mm)	76.8 (1951)	76.8 (1951)	76.8 (1951)	76.8 (1951)
Tire Size	ST225 / 75D15 8-ply rated	ST225 / 75D15 8-ply rated	ST225 / 75D15 8-ply rated	ST225 / 75D15 8-ply rated
Shipping Weight — No Fuel – lb (kg)	8,400 (3800)	8,400 (3800)	8,400 (3800)	8,400 (3800)
Working Weight — w/ Fuel – lb (kg)	9,250 (4200)	9,250 (4200)	9,250 (4200)	9,250 (4200)

DIMENSIONS W/O RUNNING GEAR

Length – in (mm); Add 10" for service valve	134 (3401)	134 (3401)	134 (3401)	134 (3401)
Width – in (mm)	87 (2210)	87 (2210)	87 (2210)	87 (2210)
Height – in (mm)	77 (1956)	77 (1956)	77 (1956)	77 (1956)
Shipping Weight — No Fuel – lb (kg)	7,650 (3450)	7,650 (3450)	7,650 (3450)	7,650 (3450)
Working Weight — w/ Fuel – lb (kg)	8,500 (3850)	8,500 (3850)	8,500 (3850)	8,500 (3850)

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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