

750 CFM to 1060 CFM Portable Air Compressors

IR Ingersoll-Rand



Wide Range. Full Performance.

Ingersoll-Rand offers the widest range of compressors in this class of machines, designed to meet all your applications. Available in eight models, these compressors come with a rated capacity range of 750 – 1060 cfm (21.2 – 30.0 m³/min) and operating pressures of 125 – 300 psig (8.6 – 20.7 bar). This includes two new models at 300 psig (20.7 bar) for drilling applications. Add to that the standard feature of a fully galvanized enclosure for maximum corrosion protection and durability.

On-Board Aftercoolers and Coalescing Filters

An optional internal aftercooler is available for the 750 – 1060 cfm (21.2 – 30.0 m³/min) models. These aftercoolers offer an approach temperature of 30° F and are available with optional particulate and coalescing filters, and a patented condensate disposal system for cleaner, drier air. The IQ System™ is available on all models in this series.

IQTM
SYSTEM

750 CFM to 1060 CFM Portable Air Compressors

Specifications

MODEL	VHP750WCAT	MHP825WCAT	VHP750WCU	MHP825WCU	HP935WCU	XP1060WCU	XHP750WCAT	XHP750WCU
ENGINE — TIER 2								
Make	Caterpillar	Caterpillar	Cummins	Cummins	Cummins	Cummins	Caterpillar	Cummins
Model	C-9	C-9	QSL-9	QSL-9	QSL-9	QSL-9	C-9	QSL-9
Number of Cylinders	6	6	6	6	6	6	6	6
Displacement cu in (L)	535 (8.8)	535 (8.8)	543 (8.9)	543 (8.9)	543 (8.9)	543 (8.9)	535 (8.8)	543 (8.9)
Rated Speed rpm	1,800	1,800	1,800	1,800	1,800	1,800	1,800	1,800
Idle Speed rpm	1,200	1,200	1,200	1,200	1,200	1,200	1,350	1,350
BHP @ Rated Speed	300	300	300	300	342	342	335	342
Electrical, Batteries	24 V	24 V	24 V	24 V	24 V	24 V	24 V	24 V
COMPRESSOR — ISO 1217 — ROTARY SCREW / SINGLE STAGE							2 STAGE	
Free-Air Delivery cfm (m ³ /min)	750 (21.24)	825 (23.36)	750 (21.24)	825 (23.36)	935 (26.50)	1,060 (30.02)	750 (21.24)	750 (21.24)
Rated Operating Press psig (bar)	200 (13.79)	175 (12.07)	200 (13.79)	175 (12.07)	150 (10.34)	125 (8.62)	300 (20.70)	300 (20.70)
Pressure Range psig (bar)	80 – 225 (5.52 – 15.51)	80 – 200 (5.52 – 13.79)	80 – 225 (5.52 – 15.51)	80 – 200 (5.52 – 13.79)	80 – 175 (5.52 – 12.07)	80 – 150 (5.52 – 10.34)	140 – 325 (9.65 – 22.4)	140 – 325 (9.65 – 22.4)
Air Discharge Outlet Size in (NPT/mm)	2.0 (50.8)	2.0 (50.8)	2.0 (50.8)	2.0 (50.8)	2.0 (50.8)	2.0 (50.8)	2.0 (50.8)	2.0 (50.8)
Air Discharge Outlet Quantity	1	1	1	1	1	1	1	1
DIMENSIONS WITH RUNNING GEAR								
Overall Length in (mm)	Wagon	166 (4210)	166 (4210)	166 (4210)	166 (4210)	166 (4210)	166 (4210)	166 (4210)
	High Speed	215 (5461)	215 (5461)	215 (5461)	215 (5461)	215 (5461)	215 (5461)	215 (5461)
Overall Width in (mm)	Wagon	79 (2007)	79 (2007)	79 (2007)	79 (2007)	79 (2007)	79 (2007)	79 (2007)
	High Speed	79 (2007)	79 (2007)	79 (2007)	79 (2007)	79 (2007)	79 (2007)	79 (2007)
Overall Height in (mm)	Wagon	91.2 (2316)	91.2 (2316)	91.2 (2316)	91.2 (2316)	91.2 (2316)	91.2 (2316)	91.2 (2316)
	High Speed	92.7 (2355)	92.7 (2355)	92.7 (2355)	92.7 (2355)	92.7 (2355)	92.7 (2355)	92.7 (2355)
Track Width in (mm)	Wagon	66.3 (1684)	66.3 (1684)	66.3 (1684)	66.3 (1684)	66.3 (1684)	66.3 (1684)	66.3 (1684)
	High Speed	68.4 (1737)	68.4 (1737)	68.4 (1737)	68.4 (1737)	68.4 (1737)	68.4 (1737)	68.4 (1737)
Tire Size in (mm)	Wagon	16 (406)	16 (406)	16 (406)	16 (406)	16 (406)	16 (406)	16 (406)
	High Speed	14.5 (368)	14.5 (368)	14.5 (368)	14.5 (368)	14.5 (368)	14.5 (368)	14.5 (368)
Shipping Weight — No Fuel lb (kg)	Wagon	9,570 (4350)	9,570 (4350)	9,370 (4440)	9,370 (4440)	9,370 (4440)	9,370 (4440)	9,920 (4510)
	High Speed	9,680 (4400)	9,680 (4400)	9,480 (4300)	9,480 (4300)	9,480 (4300)	9,480 (4300)	10,030 (4559)
Working Weight — With Fuel lb (kg)	Wagon	10,550 (4795)	10,550 (4795)	10,350 (4705)	10,350 (4705)	10,350 (4705)	10,350 (4705)	10,900 (4955)
	High Speed	10,450 (4750)	10,450 (4750)	10,250 (4659)	10,250 (4659)	10,250 (4659)	10,250 (4659)	10,800 (4910)
Fuel Tank Capacity gal (L)	Wagon	140 (530)	140 (530)	140 (530)	140 (530)	140 (530)	140 (530)	140 (530)
	High Speed	110 (515)	110 (515)	110 (515)	110 (515)	110 (515)	110 (515)	110 (515)
DIMENSIONS WITHOUT RUNNING GEAR								
Overall Length in (mm); Add 8" (203 mm) Service Valves		153 (3886)	153 (3886)	153 (3886)	153 (3886)	153 (3886)	153 (3886)	153 (3886)
Overall Width in (mm)		79 (2007)	79 (2007)	79 (2007)	79 (2007)	79 (2007)	79 (2007)	79 (2007)
Overall Height in (mm)		77 (1956)	77 (1956)	77 (1956)	77 (1956)	77 (1956)	77 (1956)	77 (1956)
Shipping Weight — No Fuel lb (kg)		9,120 (4145)	9,120 (4145)	8,920 (4046)	8,920 (4046)	8,920 (4046)	8,920 (4046)	9,470 (4305)
Working Weight — With Fuel lb (kg)		10,100 (4591)	10,100 (4591)	9,900 (4500)	9,900 (4500)	9,900 (4500)	9,900 (4500)	10,450 (4750)

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

ENGINE CHOICE

Both Cummins and Caterpillar diesel engines are turbocharged, aftercooled, and meet U.S. / EPA Tier 2 exhaust emission standards.

KEY FEATURES / BENEFITS

- Fully galvanized sheet metal enclosure for ultimate corrosion protection
- Compact size increases maneuverability
- Large fuel tank lasts the full shift
- Rear steps allow easier access to radiator for refilling engine coolant
- Wagon Wheel or High Speed running gear design options and computerized control panel increase efficiency. Gauges include engine temperature, hour meter, volt meter, discharge air temperature, engine oil pressure, tachometer, and fuel level

WORKING WITH HIGH-PRESSURE AIR

The Ingersoll-Rand mid-size compressor line provides whatever combination of pressure and flow you need for construction, drilling and quarry, abrasive blasting, shotcreting, or industrial applications.

WARRANTY

One-year / 2,000-hour warranty on all components, except engines, tires, and batteries, which carry the manufacturer's warranty.

AIREND

Two-year / 4,000-hour warranty on airend, extended to 5-year / 10,000-hour warranty when original Ingersoll-Rand filters, fluids, and parts are used at the prescribed intervals.



www.irco.com

(877) IR BRAND

© 2004 Ingersoll-Rand Co.

Form 09-0001
Printed in USA 10-04