



375 – 600 cfm Dual Pressure | Portable Air Compressors



Portable Power

Built Smarter

At Doosan Portable Power, we know how important it is to have the right product that fits your changing needs, that's why we have added three more dual pressure compressors to our compressor line up. These new, Tier 4i, dual pressure compressors have what you need to get your job done with ease. With two pressure ratings to choose from, it continues to offer the highest level of durability, productivity and serviceability.



Model	P425/HP375WCU		HP450/VHP400WCU		P600/XP535WCU	
COMPRESSOR	LOW PRESSURE	HIGH PRESSURE	LOW PRESSURE	HIGH PRESSURE	LOW PRESSURE	HIGH PRESSURE
Free-Air Delivery – cfm (m ³ /min)	425 (12.0)	375 (10.6)	450 (12.7)	400 (11.3)	600 (17.0)	535 (15.1)
Rated Operating Pressure – psig (bar)	100 (7.0)	150 (10.3)	150 (10.3)	200 (13.8)	100 (7.0)	125 (8.6)
Pressure Range – psig (bar)	80 – 125 (5.5 – 8.6)	80 – 175 (5.5 – 12.1)	80 – 175 (5.5 – 12.1)	80 – 225 (5.5 – 15.5)	80 – 125 (5.5 – 8.6)	80 – 150 (5.5 – 10.3)
Air Discharge Outlet NPT Size – in (mm)	1.25 (31.8)		2.0 (50.8)		2.0 (50.8)	
Air Discharge Outlet Quantity	1		1		1	
ENGINE	Cummins/QSB4.5		Cummins/QSB6.7		Cummins/QSB6.7	
Emissions Tier Level	Tier 4 Interim (T4i)		Tier 4 Interim (T4i)		Tier 4 Interim (T4i)	
Number of Cylinders	4		6		6	
Displacement – cu in (L)	272 (4.5)		409 (6.7)		409 (6.7)	
Rated Speed – rpm	2200	1950	2200	1950	2200	1950
Idle Speed – rpm	1500		1500		1500	
Bhp @ Rated Speed (kW)	130 (97)	140 (104)	173 (129)	173 (129)	173 (129)	173 (129)
Electrical – volts	24		24		24	
Fuel Tank Capacity – gal (L)	60 (227)		75 (284)		75 (284)	
Estimated Fuel Consumption – gal/hr	6.1 max @ 100% load		7.8 max @ 100% load		7.8 max @ 100% load	
Estimated Run Time – hrs @ 100% load	8.65	8.36	8.97	8.69	8.97	8.69
DIMENSIONS WITH RUNNING GEAR	152.6 (3875)		170 (4318)		170 (4318)	
Length – in (mm) <small>W/ 3" PINTLE EYE</small>	78.1 (1984)		78.1 (1984)		78.1 (1984)	
Width – in (mm)	68 (1727)		76 (1930)		76 (1930)	
Height – in (mm) <small>W/O LIFTING EYE</small>	66.2 (1681)		66.2 (1681)		66.2 (1681)	
Track Width – in (mm)	15		16		16	
Tire Size – in	4155 (1885)		5178 (2349)		5178 (2349)	
Shipping Weight w/o FUEL – lb (kg)	4535 (2057)		5670 (2572)		5670 (2572)	
Working Weight w/ FUEL – lb (kg)	100 (2540)		117 (2972)		117 (2972)	
Length – in (mm)	55 (1397)		61 (1549)		61 (1549)	
Width – in (mm)	57 (1442)		62.9 (1600)		62.9 (1600)	
Height – in (mm) <small>ADD 5" (127 MM) FOR LIFT BAIL</small>	2184 (990.6)		4508 (2045)		4508 (2045)	
Shipping Weight w/o FUEL – lb (kg)	2356 (1068.7)		5000 (2268)		5000 (2268)	
Working Weight w/ FUEL – lb (kg)						

You Asked, We Delivered

At Doosan Portable Power we know how important it is to get all your machines information quickly and easily. That's why we have redesigned our full gauge control panel to suit your needs.

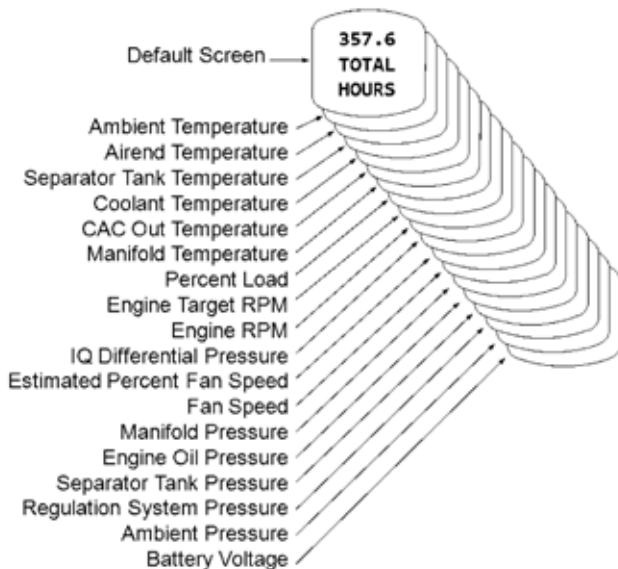
Full Gauge Panel Features

- 1 Our MidPort control panel allows the user to see selected engine and airend temperatures and pressure as well as features such as percent fan speed and engine load
- 2 The MidPort has 3 lines with up to 11 characters per line - with this feature you can see the code number and a brief description of an alert or fault
- 3 LED MidPort power control button has a time-out feature to prolong battery life
- 4 We have also eliminated all switches with the addition of an 8 button key pad that allows you to start/stop, load, select hi or low pressure and scroll through the MidPort
- 5 Analog gauges for oil pressure, engine coolant temp, airend discharge temp and fuel



Graphics Display

The graphics display allows access to the machine diagnostics, presenting the following parameters.



Data available in standard & metric.

Languages supported:

- English (default)
- Spanish
- French

Performance Features

- Standard Dual Pressure – Two machines in one
 - More value
 - Optimum flexibility
- T4i Cummins engine with DOC
 - Less maintenance
 - No regeneration cycles
- LED backlit instrument cluster
- Interactive digital display
- CAN based gauge system network
 - Hour meter; able to be continuously viewed
 - Engine tachometer
 - Airend discharge temperature
 - Engine coolant temperature
 - Engine oil pressure
 - Charging system voltage
 - Fuel level indication
- Clutch driven cooling fan
 - Thermostatically controlled
 - Quieter
 - More fuel efficient
 - Better extreme temperature operation

Clutch-Driven Cooling Fan



- Thermostatically-controlled fan engages only when required by higher operating temperature
- Custs fuel costs by an average of 10% over previous models

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



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

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