



375 – 450 cfm Dual Pressure | Portable Air Compressors



Portable Power

Built smarter

At Doosan Portable Power we know how important it is to you to have the right product to fit your demanding applications. The new dual pressure P425/HP375 and HP450/VHP400 are the Tier 4 Final solutions for you to get your job done on time, every time. As the leading manufacturer of portable compressors, Doosan Portable Power has the solutions you need for performance, ruggedness and proven reliability, and serviceability.



Model	P425/HP375WCU		HP450/VHP400WCU	
COMPRESSOR	LOW PRESSURE	HIGH PRESSURE	LOW PRESSURE	HIGH PRESSURE
Free-Air Delivery – cfm (m3/min)	425 (12.0)	375 (10.6)	450 (12.7)	400 (11.3)
Rated Operating Pressure – psig (bar)	100 (7.0)	150 (10.3)	150 (10.3)	200 (13.8)
Pressure Range – psig (bar)	80 – 125	80 – 175	80 – 175	80 – 225
	(5.5 – 8.6)	(5.5 – 12.1)	(5.5 – 12.1)	(5.5 – 15.5)
Air Discharge Outlet NPT Size – in (mm)	1.25 (31.8)		1.25 (31.8)	
Air Discharge Outlet Quantity	1		1	
ENGINE	Cummins/QSB4.5		Cummins/ QSB4.5	
Make/Model	Cummins/QSB4.5		Cummins/ QSB4.5	
Emissions Tier Level	Tier 4 Final (T4F)		Tier 4 Final (T4F)	
Number of Cylinders	4		4	
Displacement – cu in (L)	272 (4.5)		272 (4.5)	
Rated Speed – rpm	2200	1950	2350	2100
Idle Speed – rpm	1500		1500	
Bhp @ Rated Speed (kW)	130 (97)	138 (102.9)	168 (125.3)	163 (121.6)
Electrical – volts	24		24	
Fuel Tank Capacity – gal (L)	63 (238)		63 (238)	
Estimated Fuel Consumption – gal/hr	5.7 max @ 100% load		7.2 max @ 100% load	
Estimated Run Time – hrs @ 100% load	10.9	10.6	8.5	8.3
DEF Consumption @ 100% Load - gph (L/hr)	0.2 (0.9)		0.2 (0.9)	
DEF Runtime @ 100% Load - hrs	20.8		20.8	
DEF Tank Capacity - gal (L)	5 (19)		5 (19)	
DIMENSIONS WITH RUNNING GEAR	152.5 (3874)		152.5 (3874)	
Length – in (mm) w/ 3” pintle eye	152.5 (3874)		152.5 (3874)	
Width – in (mm)	78.2 (1986)		78.2 (1986)	
Height – in (mm) w/o lifting eye add 4.5 ” (114 mm) for lift bail	69.9 (1775)		69.9 (1775)	
Track Width – in (mm)	66.6 (1692)		66.6 (1692)	
Tire Size – in	15		15	
Shipping Weight w/o fuel – lb (kg)	4470 (2027)		4470 (2027)	
Working Weight w/ fuel – lb (kg)	5030 (2281)		5030 (2281)	
DIMENSIONS WITHOUT RUNNING GEAR	104.2 (2647)		104.2 (2647)	
Length – in (mm)	104.2 (2647)		104.2 (2647)	
Width – in (mm)	60.7 (1542)		60.7 (1542)	
Height – in (mm) add 4.5 ” (114 mm) for lift bail	57.1 (1450)		57.1 (1450)	
Shipping Weight w/o fuel – lb (kg)	4207 (1908)		4207 (1908)	
Working Weight w/ fuel – lb (kg)	4767 (2162)		4767 (2162)	

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 gauge control panel to suit your needs.

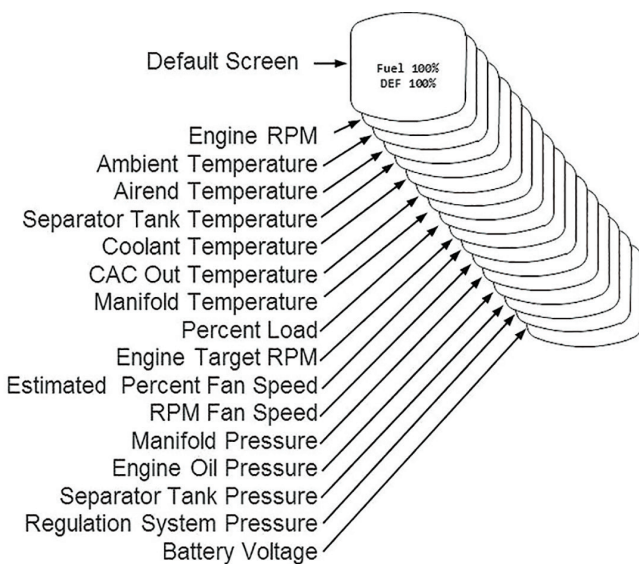
Gauge panel features

- 1 Our MidPort control panel allows the user to see selected engine and airtend 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



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
- T4F Cummins engine with DOC and DEF
- LED backlit gauge
- Interactive digital display
- CAN based gauge system network
- Hour meter
- 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
- Cuts fuel costs by an average of 10%

Warranty

Standard Warranty:

1-year/2,000-hour bumper to bumper

Engine:

2-year/4,000-hour

Airend:

2-year/4,000-hour

Extended Warranty:

5-year/10,000-hour on the powertrain which includes the engine, coupling, and airend with the use of Doosan filters and fluids at prescribed intervals and maintain service records and proof of purchase.

P425/375WCU-T4F and HP450/VHP400WCU-T4F options

- 100’ single or 100’ double hose reels, with or without hose or OSHA valves
- Block heater
- Eight-position, adjustable pintle eye or ball hitch attachment, 19” to 33” in 2” increments
- Hydraulic braking system
- Pneumatic third wheel attached to drawbar in addition to standard screw jack with padfoot
- Parking brake
- Mud flaps
- Amber strobe roof light
- Less running gear with central drains
- Three ¾” NPT discharge valves
- Aftercooler plus water separator with 20°F approach temperature
- IQ System™ aftercooler plus particulate and coalescing filters with a patented condensate disposal system for cleaner, instrument Quality air
- Shock mount



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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