

# VMX-7580V



## Air Compressors

SKU# 5179107

7.5 HP / 80-Gallon Vertical Tank / 208-230V, 60 Hz, 3-Phase

Questions? Contact BendPak's Sales Team

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Monday - Friday, 7AM to 4:30PM PST

## Up Your Air Game with the Powerful, 3-Ph Air Compressor

Welcome to the next stage in [air compressor](#) evolution: the V-Max Elite series 7580V-603, 3-phase air system. Like every member of the V-Max Elite family, the 7580V-603 features the rugged V-Max, four-cylinder pump designed for extreme duty and maximum efficiency under all load conditions. The BendPak 7580V-603 is a 2-stage lubricated reciprocating air compressor built with 100% cast-iron pumps.

## Features

- 7.5 HP energy-efficient motor
- Extra-quiet, low-RPM pump
- Cast-iron V-Max Elite pump features simple splash lubrication for total reliability and a "V-4" finned cylinder configuration that provides 360° cooling
- Proven air-cooled design is economical, reliable and environmentally friendly
- Two compression rings and one oil control ring provide excellent oil control and high-efficiency air delivery
- Dual drive belts require less belt tension, resulting in less load on pump bearings, longer belt life and low vibration
- Fully-enclosed belt guard
- Cast-iron pump and heads are more stable under heavy workloads and do not warp from heat like aluminum cylinders with pressed-in sleeves
- ASME-rated tank
- Large surface area and cooling fins on cylinders and forced-air after-cooler provide efficient heat dissipation for lower operating temperatures and dryer air. Air compressor runs cooler, oil life is extended and maintenance is reduced
- Tapered roller main bearings provide full contact and support of the crankshaft, and needle-type piston pin bearings properly distribute bearing loads
- Precision balanced flywheel has forced-air fan blades for optimum compressor cooling and life
- ASME-rated safety valve protects the compressor from overpressure and safeguards the operator
- Balanced flywheel and counterbalanced crankshaft result in nearly vibration-free operation
- Readily accessible disc-valves do not require disassembly of compressor piping, for easy accessibility and reduced maintenance cost and downtime



### V-Max Compressor Motor

Every V-Max Elite pump features splash lubrication for total reliability and a V-4 finned cylinder configuration for 360° cooling. Heavy-duty, disc-type valves do not require a cylinder head removal or other valve maintenance procedure. The large, 100% cast iron V-Max pump puts out an incredible amount of air but with an even more incredible noise reduction.

### Air Compressor Cooling Fan

It's always important to evaluate more than just the initial price of the air compressor unit. The real cost or savings will be found in the price of maintenance and the electricity required to run it. The more air you can produce per horsepower, the less overall power is needed. Thanks to their massive energy-efficient pumps, V-Max Elite air compressors run at notably slower speeds to achieve low operating temperatures, thereby maximizing compressor efficiency.

# Specifications



Model	TS-580V-601	VMX-7580V-601	VMX-7580V-603	VMX-10120V-603	RS7580V-601
SKU#	5179105	5179106	5179107	5179108	5179100
Horsepower	5 HP	7.5 HP	7.5 HP	10 HP	7.5 HP
RPM	1,740 RPM	1,740 RPM	1,740 RPM	1,740 RPM	3,450 RPM
Voltage	208-230VAC	208-230VAC	208-230/460VAC	208-230/460VAC	208-230VAC
Phase	1 Ph	1 Ph	3 Ph	3 Ph	1 Ph
Hertz	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz
Running Amps (SFA)	26-23.8A	32.8-30A	22-20A @ 208/230V - 10A @ 460V	30-25A @ 208/230V - 13A @ 460V	22-20A @ 208/230V
Peak Amps	54-48A	68-63A	46-42A @ 208/230V - 21A @ 460V	36-30A @ 208/230V - 16A @ 460V	46-42A @ 208/230V
Rec. Breaker	30A	35A	30A	40A @ 208/230 - 25A @ 460V	30A
Noise	75 dB	75 dB	75 dB	75 dB	64 dB
Style	Two-Stage / V-2	Two-Stage / V-4	Two-Stage / V-4	Two-Stage / V-4	Rotary Screw
Lubrication	Splash / Oil	Splash / Oil	Splash / Oil	Splash / Oil	Forced Oil
Material	100% Cast Iron	100% Cast Iron	100% Cast Iron	100% Cast Iron	N/A
Pump RPM	625 RPM	625 RPM	625 RPM	745 RPM	N/A
Duty Cycle	Continuous	Continuous	Continuous	Continuous	Continuous
CFM @ 90 PSI	17.9 CFM	30.5 CFM	30.5 CFM	41 CFM	25 CFM
CFM @ Max PSI	17.2 CFM	26.5 CFM	26.5 CFM	35 CFM	21.3 CFM
Auto Turn-On Pressure	145 PSI	145 PSI	145 PSI	145 PSI	120 PSI
Auto Shut-Off Pressure	175 PSI	175 PSI	175 PSI	175 PSI	175 PSI
Max PSI	175 PSI	175 PSI	175 PSI	175 PSI	175 PSI
Tank Size	80 Gallons	80 Gallons	80 Gallons	120 Gallons	80 Gallons
Fitting	1/2" Fitting	1/2" Fitting	1/2" Fitting	1/2" Fitting	1/2" Fitting
Dimensions	39" x 26" x 79" (991 mm x 660 mm x 2,006 mm)	39" x 26" x 70" (991 mm x 660 mm x 1,778 mm)	39" x 26" x 70" (991 mm x 660 mm x 1,778 mm)	44" x 30" x 79" (1,120 mm x 750 mm x 2,007 mm)	39" x 32" x 73" (991 mm x 813 mm x 1,854 mm)
Weight	619 lbs. (281 kg)	711 lbs. (322 kg)	709 lbs. (321 kg)	1,219 lbs. (554 kg)	630 lbs. (286 kg)