

# VMP-7580V



## Air Compressors

SKU# 5179113

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

Questions? Contact BendPak's Sales Team

sales@bendpak.com | 1-800-253-2363

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 Patriot series 7580V-603, 3-phase air compressor system. Like every V-Max Patriot, the 7580V-603 features the rugged V-Max, four-cylinder pump designed for extreme duty and maximum efficiency under all load conditions. The 7580V-603 is a 2-stage lubricated reciprocating air compressor built with 100% cast-iron pumps.

## Features

- Made in USA
- UL, CSA, ASME certified
- 7.5 HP energy-efficient motor
- 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
- 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



# Specifications



Model	TSP-580V-601	VMP-7580V-601	VMP-7580V-603	VMP-10120V-603
SKU#	5179111	5179112	5179113	5179114
Made in USA	Yes	Yes	Yes	Yes

## MOTOR

Horsepower	5 HP	7.5 HP	7.5 HP	10 HP
RPM	1,750 RPM	1,750 RPM	1,750 RPM	1,750 RPM
Voltage	208-230 Volt AC	208-230 Volt AC	208-230 Volt AC	208-230 Volt AC
Phase	1-Phase	1-Phase	3-Phase	3-Phase
Hertz	60 Hz	60 Hz	60 Hz	60 Hz
Magnetic Starter	No	Yes	Yes	Yes
Amp Draw	24	32	18	24
Rec. Breaker	40 Amp Breaker	50 Amp Breaker	50 Amp Breaker	40 Amp Breaker
Noise	72 dBA	78 dBA	78 dBA	78 dBA

## PUMP

Style	2-Stage / 2-Piston / Vertical	Two-Stage / V-4	Two-Stage / V-4	Two-Stage / V-4
RPM	625 RPM	625 RPM	625 RPM	800 RPM
Material	Solid Cast Iron	Solid Cast Iron	Solid Cast Iron	Solid Cast Iron
Duty Cycle	Continuous	Continuous	Continuous	Continuous
Max. PSI	175	175	175	175
CFM	17	26	26	34
CFM Rated @ 90 PSI	16.15	24.7	24.7	32.3
Pump Type	Two-Stage	Two-Stage	Two-Stage	Two-Stage
Pump Drive	Twin Belt Drive	Twin Belt Drive	Twin Belt Drive	Twin Belt Drive
Oil Type	Splash Oil Lubricated	Splash Oil Lubricated	Splash Oil Lubricated	Splash Oil Lubricated
Oil System	Full Pressure Lubrication	Full Pressure Lubrication	Full Pressure Lubrication	Full Pressure Lubrication

## TANK

Orientation	Vertical	Vertical	Vertical	Vertical
Size	80 Gallons	80 Gallons	80 Gallons	120 Gallons
Outlet	3/4" NPT	3/4" NPT	3/4" NPT	1" NPT
Elec. Drain Valve	Yes	Yes	Yes	Yes
Certification	UL, CSA, ASME	UL, CSA, ASME	UL, CSA, ASME	UL, CSA, ASME

## DIMENSIONS

Width	24"	24"	24"	51"
Depth	34"	34"	34"	51"
Height	72"	72"	72"	90"
Weight	715 lbs.	958 lbs.	958 lbs.	1,000 lbs.