Brand: BendPak®
Model(s): VMX-7580V-601 / VMX-7580V-603 / VMX-10120V-603
Description: V-Max Elite™ Air Compressors

Choosing a BendPak V-Max Elite™ air compressor for your air system needs means you'll get leading-edge technology from a world leader in automotive service equipment. The V-Max Elite series of air compressors feature the rugged V-Max extreme-duty, four-cylinder pump designed and manufactured to operate with maximum efficiency under all load conditions. These rugged 2-stage lubricated reciprocating compressors with 100% cast-iron pumps provide the quality and performance needed for heavy-use applications like automotive and body repair to manufacturing and industrial service.

The 100% cast-iron V-Max Elite pump features splash lubrication for total reliability and a V-4 finned cylinder configuration that provides 360° cooling. Heavy-duty, disc-type valves are dependable and accessible without having to remove the cylinder head or performing other complicated valve maintenance procedures. The large V-Max pump puts out a lot of air with little noise due to a slower RPM speed and two-stage design. A built-in intercooler and air-cooled aftercooler chills the air resulting in reduced heat and condensation moisture.

By design, V-Max Elite compressors with their massive energy-efficient pumps run at considerably slower speeds resulting in lower operating temperature and maximum compressor efficiency. When making an air compressor purchase you should always consider the power it consumes and the general maintenance necessary to keep it running. When you add these costs to the initial purchase price, you'll realize the true cost of ownership. Electric power costs add up based on the horsepower needed to produce the air required. The more air you can produce per horsepower, the less power is required to meet your air demands. At first glance, you'll quickly see how the monstrous V-Max Elite pump stacks up against the competition. Bottom line - they produce more air per horsepower so in short time nothing comes close to matching the value.

V-MAX ELITE ADVANTAGES:

- 7.5 HP or 10 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 a pressed-in sleeves do
- ASME rated tank
- Large surface area and cooling fins on cylinders and forced-air after-cooler provides efficient heat dissipation for lower operating temperatures and dryer 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
- Magnetic starter provides thermal overload protection and minimizes start loads providing long life and trouble-free operation
- ASME rated safety valve protects the compressor from overpressure and safeguards the operator
- Balanced flywheel and counterbalanced crankshaft results 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
- Corrosion resistant tubing for coolers, separators and valves for longer life and reduced maintenance.
- Oversized ductile iron crankshaft provides extra strength and longer wear
- High-density, die-cast aluminum alloy rods minimize reciprocating weight
- Rugged cast iron oil reservoir has convenient sight gauge glass, large oil drain and convenient fill cap.
- Automatic pressure switch provides auto start and stop
- Integrated pressure unloader valves are built into the intake valve assembly on the compressor head reducing internal pump heat from initial start-up compression
- Pressure gauge with service valve
- Oversize replaceable air filters

MODEL:	VMX-7580V-601	VMX-7580V-603	VMX-10120V-603
Tank:	300 L / 80 Gal / Vertical	300 L / 80 Gal / Vertical	454 L / 120 Gal / Vertical
Voltage (*)	208-230VAC	208-230/460VAC	208-230/460VAC
Running HP	7.5	7.5	10
Phase	1	3	3
Hertz	60	60	60
Running Load Amps (SFA)	32.8-30A	22-20A @ 208/230V - 10A @ 460V	30-25A @ 208/230V - 13A @ 460V
Peak Start-up Amps	68-63A	46-42A @ 208/230V - 21A @ 460V	36-30A @ 208/230V - 16A @ 460V
Recommended Breaker	35A	30A	40A @ 208/230 - 25A @ 460V
Motor Duty Cycle	Continuous	Continuous	Continuous
Pump Style	2-Stage/V-4	2-Stage/V-4	Two Stage V-4
Shut-off Pressure	175 PSI	175 PSI	175 PSI
Turn-on Pressure	145 PSI	145 PSI	145 PSI
Pump Material	100% Cast Iron	100% Cast Iron	100% Cast Iron
Pump RPM	625	625	745
Motor RPM	1740	1740	1750
Lubrication	Splash / Oil	Splash / Oil	Splash / Oil
CFM @ 90 PSI	30.5	30.5	41
CFM @ MAX PSI	26.5	26.5	35
MAX PSI	175	175	175
Noise Level	75 db	75 db	75 db
Certification	ASME	ASME	ASME
Dimensions (W x D x H)	39"x26"x70" / 991x660x1778	39"x26"x70" / 991x660x1778	44"x30"x79" / 1120x750x2007
Product Weight	711 lb / 322 kg	709 lb / 321 kg	1219 lb / 554 kg
Limited Warranty (Months)	Tank-60/Pump-24/Other-12	Tank-60/Pump-24/Other-12	Tank-60/Pump-24/Other-12