

📍 Emax Compressor
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Energy Efficiency & **MAX**imum Performance



Introducing the Industry's First
AI-Programmable, Variable Speed





- The EMAX 10HP Programmable VFD Compressor draws only 28.7 Amps on startup* vs 181 Amps for all other 10 HP Compressors on the Market.
- 84% Energy Savings on Start Ups / 40% Energy Savings during Run Cycles - At .10 cents per kWh, the unit will pay for itself, in energy savings, in 24 months (assuming a 5 day work week).
- Fully Programmable PLC - Set Date, Hours of Operation, PSI & RPM ranges
- VFD technology allows one unit to be programmed by the user to operate on the majority of input power options, including three phase and single phase electric.
- Allows the user to install up to a 25 HP compressor on single phase power
- Automatic shutdown and/or provide maintenance warnings, when oil levels are low
- Dual Control continuous run variable speed operation or Start/Stop
- Up to \$5,000.00 a year in energy savings and up to \$800.00 in reduced maintenance expenses
- Automatic Electronic Tank Drain with Dual Timer
- Pressure-Lubricated Pump

* Startup Amp ratings cited are for 3 Phase Model. Single Phase Model startup Amps are 33% higher.

Lifetime Pump Warranty

Emax Compressor offers the best warranty in the industry, with an Extended Lifetime Warranty on our air compressor pump, ensuring your complete satisfaction and peace of mind.



EMAX Compressor's 2nd Generation Programmable Compressor with our Whisper™ Series Air Silencer System

	5 HP	7.5 HP	10 HP
Model Number	EPV05V08013	EPV07V0V13	EPV10V080V13
CFM 100 PSI	19	31	38
Max PSI	175	175	175
Running AMPs	7.5 to 14.3	10 to 20.7	14.5 to 28.7
Pump Running RPM	Variable 275-800	Variable 275-800	Variable 275-800
Motor RPM	1750	1750	1750
DBA AVG Rating	63	63	63
Dual Control	Yes	Yes	Yes
Auto Low Oil Shutdown	Yes	Yes	Yes
VSD Smart Technology	Yes	Yes	Yes
Auto Tank Drain	Yes	Yes	Yes
Belt Tensioner	Yes	Yes	Yes
Phase	1PH & 3PH	1PH & 3PH	1PH & 3PH
Motor Warranty	10 Years	10 Years	10 Years



Our Programmable Logic Controller Puts You In Control

The PLC will give you digital pressure adjustment from 70 PSI to 175 PSI. It includes HZ display while unit is running and provides programmable timed starts and stops for each day of the week. The PLC also displays maintenance alarms, indicating when it's time to provide service or change filters and oil. Alarms include: low oil shutdown, motor overload shutdown, high voltage or low voltage shutdown and loss of phase shutdown. Digitally displays kW energy savings while unit is running.

Variable Speed Saves You Money In Operating Costs

Built-in air demand sensor automatically increases or decreases the pump speed and air output, based on actual air demand, thereby reducing energy waste and increasing pump and motor life. Variable speed soft start saves up to 7 times starting energy. Motor gradually increases RPM, keeping startup AMPs at a bare minimum.

Our Silent Air System is Unparalleled in the Industry

Engineered and manufactured in the USA, our Silent Air System reduces stationary compressor DBA ratings by as much as 50%. The Whisper 100 system has a small profile and is mounted on the back of the compressor tank.

Benefits Of Single Phase Power Option

VSD Smart Technology empowers businesses to install up to a 25HP air compressor that operates on single phase electric. For businesses that do not have 3- phase power, new VFD technology will eliminate the need to install & operate multiple air compressors to meet their air demands.



EMAX New Smart Air Compressor vs. Competitors Operating Noise

