



# INDUSTRIAL ELECTRIC LINE UP



## SULLIVAN-PALATEK: THE SMART CHOICE



With over 35 years of expertise, Sullivan-Palatek Inc. stands out as a leading manufacturer of rugged and dependable rotary screw compressors. Based in Michigan City, IN, we support American jobs by assembling our products locally in Northwest Indiana.

Our commitment to customer service is unparalleled. With over 1,000 years of combined experience among our team, you can trust our knowledgeable representatives to provide the support you need. We pride ourselves on being there when it matters most—when you call, we answer.

## WHY CHOOSE OUR INDUSTRIAL AIR COMPRESSORS?

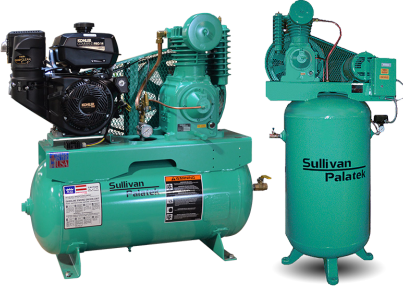


Sullivan-Palatek's electric air compressors are designed for industries requiring continuous, reliable air power. Engineered to the highest performance and efficiency standards, our compressors are perfect for demanding environments. Focused on dependability, they deliver a consistent, steady flow of air, ensuring smooth, uninterrupted business operations.

## RECIPROCATING

HP: 5 - 13

CFM: 16 - 34.4



- Two Stage
- Pressure Lube
- Max Pressure: 175 PSI
- NEMA 1; 208v, 230v 460v
- 1 Phase- 208v, 230v; 3 Phase-230v, 460v
- Disc valve replaceable cylinder heads.
- After cooler, electric automatic tank drain, Mag starter.

## M SERIES 10 HP

CFM: 31 - 40.7

PSI: 125 - 175



- Three-phase open drip motor options include 200/208/230/460 volts
- Full voltage magnetic starter with 115-volt control power
- Instrumentation includes a line pressure gauge, oil temperature gauge, and hour meter
- Automatic dual control
- Spin-on type oil filter and separator elements provide ease of maintenance.
- Tank mount, elevated platform, and acoustical enclosure options are available.

## SPM SERIES 5 & 7.5 HP

CFM: 13.1 - 26.9

PSI: 125 - 175



- Modular oil flooded rotary screw industrial air compressor
- Continuous Duty
- 230/460 volt 3-phase Total Enclosed Fan Cooled (TEFC) Premium Efficient Motor
- Automatic dual control
- Full Voltage magnetic starter with 115 volt control power
- T1 Microprocessor Controller
- Air Cooled Oil Cooler with Air Cooled Aftercooler
- Factory fill of Palasyn 45 synthetic oil
- Spin on type oil filter and separator element for ease of maintenance

## LINE SHAFT LSC SERIES

CFM: 55 - 265

MAX PSI: 125

MIN PSI: 60



- Compressor: Continuous duty oil-flooded rotary screw industrial air compressor.
- Pillow Block: Solidly mounted, aligned to compressor shaft for direct drive connection, minimizing power loss.
- Instrumentation includes a line pressure gauge, oil temperature gauge, and hour meter
- Coupling & Drive: Flange-mounted compressor for positive alignment, directly driven by low-maintenance coupling.
- Spin-on type oil filter and separator elements provide ease of maintenance.

## D SERIES 15-40 HP

CFM: 46.5 - 166

PSI: 125 - 175



- Controller: Microprocessor with sequencer, lead-lag, and remote monitoring for up to 8 machines.
- Motor: TEFC enclosure for indoor/outdoor use.
- Motor Starter: NEMA 4 enclosure, water-tight, dust-tight, sleet-resistant.
- Protective Devices: Class 20 overload relay, high temp/overpressure shutdown switches, anti-restart pressure switch.
- Cooling System: Double-pass air-cooled aftercooler with thermostatic control, oversized coolers for high temps.

## DG SERIES 25-40 HP

CFM: 85 - 154.4

PSI: 125 - 150



- Controller: Microprocessor with sequencer, lead-lag, and remote monitoring for up to 8 machines.
- Motor: TEFC enclosure, slow-turning, low RPM for quieter, longer-lasting operation.
- Motor Starter: NEMA 4 water-tight, dust-tight, sleet-resistant enclosure.
- Protective Devices: Class 20 overload relay, high temp/overpressure shutdown switches, anti-restart pressure switch.
- Couplings & Drive: Flange-mounted to motor C-face, directly coupled for efficiency.
- Cooling System: Double-pass air-cooled aftercooler with thermostatic control, maintaining oil temp within 15°F of ambient.

## UD SERIES 40-50 HP

CFM: 160 - 203

PSI: 125



## SP11 SERIES 25-40 HP

CFM: 104.3 - 158.1

PSI: 125



## SP13 SERIES 40-60 HP

CFM: 170.1 - 265

PSI: 125



- The up-draft cooler design vents air away from the package. This is a possible space-saving feature that allows heat recovery that could be used for various purposes: supplement space heating, heating of liquids, drying processes, etc.
- Motor with Totally Enclosed Fan-Cooled (TEFC) enclosure type for indoor and outdoor use
- The motor starter has a water-tight, dust-tight, sleet resistant NEMA 4 enclosure for indoor and outdoor use
- The standard T1 microprocessor controller displays status, warnings, maintenance, and is capable of sequencing multiple compressors (gauges are optional)
- One-piece inlet/check valve housing for dependable performance and complete modulation
- Heavy-duty dry type air intake filter with easily replaceable elements

- Motor with Totally Enclosed Fan-Cooled (TEFC) enclosure type for indoor and outdoor use
- The standard T1 microprocessor controller displays status, warnings, maintenance, and is capable of sequencing multiple compressors (gauges are optional)
- The motor control assembly has a NEMA 4 enclosure for safe use in industrial environments.
- The new high-flow, low-loss inlet valve is designed for increased efficiency and dependable performance.
- Optimized Air-Oil separators have less restriction and reduce fluid carryover to less than 1 ppm with an 8,000-hour maintenance frequency.
- One-piece inlet poppet valve housing designed for dependable performance

- NEMA Premium Efficient, Severe Duty TEFC motor
- The motor control assembly has a NEMA 4 enclosure for safe use in industrial environments.
- Equipped with an enhanced user display, the Q1 controller is capable of web access and remote monitoring with the sequencing of up to 12 compressors.
- The new high-flow, low-loss inlet valve is designed for increased efficiency and dependable performance.
- The compressor assembly is flange mounted to the motor's C-face for positive alignment.
- Optimized Air-Oil separators have less restriction and reduce fluid carryover to less than 1 ppm with an 8,000-hour maintenance frequency.

## SP16 SERIES 75-125 HP

CFM: 338 - 530

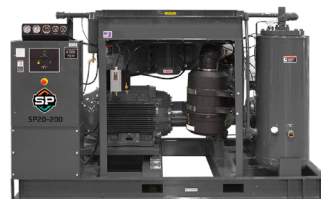
PSI: 125



## SP20 SERIES 125-300 HP

CFM: 545 - 1145

PSI: 125



## SP32 SERIES 300-450 HP

CFM: 1490 - 1730

PSI: 100 OR 125



- Motor with Totally Enclosed Fan-Cooled (TEFC) enclosure type for indoor and outdoor use
- The motor starter has a water-tight, dust-tight, sleet resistant NEMA 4 enclosure for indoor and outdoor use
- Equipped with an enhanced display Q1 microprocessor, the controller is capable of web access monitoring and sequencing up to 12 compressors
- SP16-Series air end manufactured by Sullivan-Palatek
- One-piece inlet poppet valve housing designed for dependable performance

- Motor with Totally Enclosed Fan-Cooled (TEFC) enclosure type for indoor and outdoor use
- 460-volt MFV with 115-volt control
- This unit includes a one-piece inlet poppet valve housing for reliable performance
- Manufactured with a display Q1 microprocessor, the controller is capable of web access monitoring and sequencing up to 12 compressors
- The compressor is flange mounted to motor C-face for positive alignment
- The air intake filter includes an oversized dry type with easily replaceable elements

- Motor with Totally Enclosed Fan-Cooled (TEFC) enclosure type
- 460-volt, solid state with 115-volt control motor starter
- Equipped with a Q1 microprocessor, the controller is able to handle the web access monitoring and sequencing of up to 12 compressors
- The air intake filter includes an oversized dry type with easily replaceable elements
- The compressor is flange mounted to motor C-face for positive alignment

## VFD SERIES

CFM @ 100 PSI: 63 - 1910

CFM @ 150: 43 - 1633

CFM @ 125 PSI: 56 - 1770

HP: 15 - 450



- Wide power range for 208V, 230V, and 460V
- Pressure transducer motor speed control
- The VFD helps reduce energy. Operating at 70% capacity, the VFD consumes 10% less power than a standard compressor operating with on-off control and 20% less than a compressor with modulating control.
- The VFD has a soft start feature that maintains a low starting current. It reduces stress on the site power supply and also reduces motor wear.
- The VFD system complies with the Electro-Magnetic Compatibility standard and is UL/CSA listed.
- The VFD system is not limited to a fixed number of starts per hour.
- VFD 50HP and up have dedicated fan and motor drives to improve cooling and improve compressor efficiencies

### NEW LINE OF DRYERS, FILTERS, AND WATER SEPARATORS



## WARRANTY AND GUARANTEES

Sullivan-Palatek ensures the dependability of their air compressors through an industry-leading warranty, offering benefits such as confidence in product quality, peace of mind with extended coverage, and robust customer support.

Warranty options include:

**STANDARD WARRANTY:** One-year package and two year airend warranty with recommended OEM parts and lubricants.

**PLATINUM WARRANTY:** One-year package warranty with a five-year major components warranty, covering motor, airend, drive coupling, coolers, sump tank, and VFD drive. Includes reasonable freight and labor for repairs. OEM parts and lubricants required.

**PLATINUM PLUS WARRANTY:** Extends airend warranty to ten years, unlimited hours, with required OEM parts and lubricants.

# LEARN MORE



INDUSTRIAL COMPRESSORS



INDUSTRIAL CAGI SHEETS

Contact Us to See How We Can Help

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