



Sullivan Palatek

LEGACY SERIES

15-40 HP \ INDUSTRIAL ELECTRIC COMPRESSORS



D-15 \ D-20 \ D4-25 \ DG-30 \ DG-40

Dependable by design.™

Reliable and Versatile

In Industries That Require Constant And Dependable Air Power, The Legacy Series Is Second To None

Advantages of Having a Sullivan-Palatek Rotary Screw Compressor

Sullivan-Palatek manufactures one of the most reliable, high performance, low maintenance air ends in the industry.*



Our advanced rotor design features oversized radial thrust bearings and precision working rotary screws that provide virtually no wear. With less friction and less heat, compressors run cool and the circulating fluid lasts longer.

Standard Features:

Electric Motor

230/460 volt (15-40 HP) NEMA T-frame, Totally Enclosed Fan-Cooled (TEFC) squirrel cage induction type, premium energy efficient.

Motor Starter

230/460 volt (15-40 HP). Full voltage magnetic starter with 115 volt controls, Nema-4 enclosure, UL certified. Other voltages are available.

Protective Devices

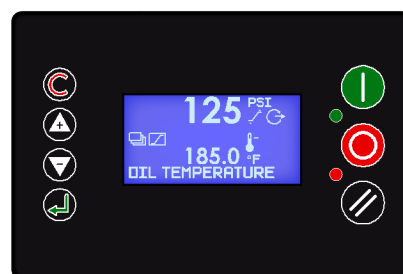
Class 20 solid state overload relay, high temperature and over pressure shutdown, and an anti-restart preventing starting while air compressor is pressurized. ASME safety relief valve.

Controls

Full modulation, solenoid controlled for smooth transition to lowest possible no load power.

Microprocessor

Easy to read output, English is standard, French and Spanish languages available.



Gauges (optional)

Automatic start/stop or constant run selector switch. Timed dual control. Line pressure gauge, discharge pressure gauge, hour meter, temperature gauge, lube filter and separator element differential gauges.



Shown with optional tank mount >>

*Air End Warranty, 2 years. Extended 5-year Superior Platinum Warranty or NEW Platinum-PLUS Warranty available with purchase of genuine Sullivan-Palatek parts and fluids.

Legacy Series 15-40 HP



Coupling & Drive

Compressor is flange mounted to motor C-face for positive alignment and direct drive. The coupling element has a 1 year warranty.*



Air Intake Filter

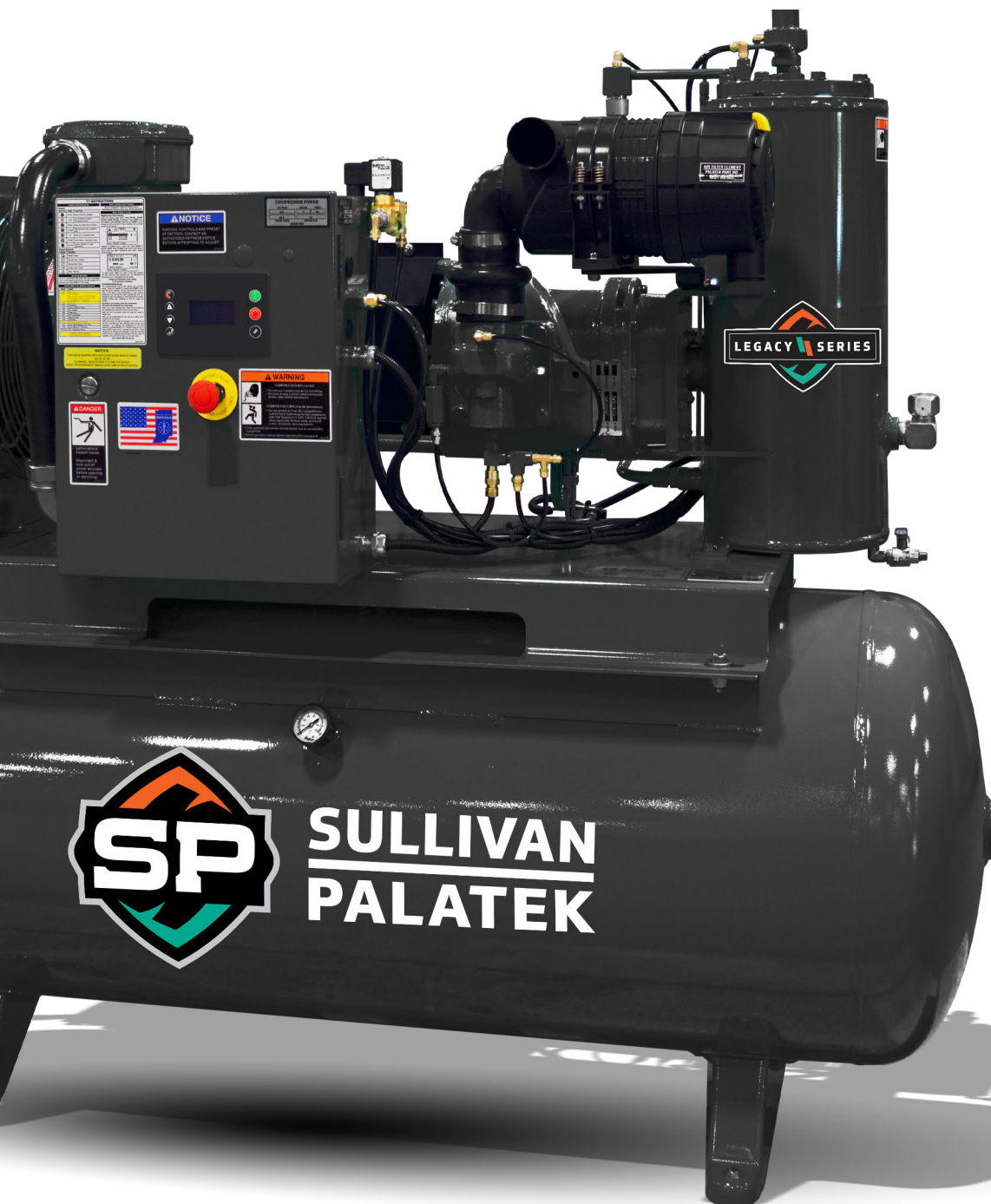
Oversized dry type. Primary and secondary element. Easily replaced.

Inlet/Check Valve

One piece housing for dependable performance and complete modulation control.

Separator Tank

ASME coded 200PSIG tank, safety relief valve, minimum pressure/check valve, high efficiency replaceable air/lube separator element and oil return flow sight glass.



Lube Fill & Level Elbow

One piece lube fill elbow and level sight glass. Vented cap for pressure release when removing.

SPECIFICATIONS

Model		D-15	D-20	D4-25
Capacity @ 125 PSI		50.1**	80.2**	84.8**
150 PSI (H)	ACFM	NA	79.1**	81.9**
Motor	hp (kW)	15 [11.2]	20 [14.9]	25 [18.6]
Discharge NPT	inches	1"	1"	1"
Length	inches (mm)	61 [1,549]	61 [1,549]	63 [1,600]
Width	inches (mm)	30 [762]	30 [762]	30 [762]
Height	inches (mm)	34 [863]	38 [965]	38 [965]
Weight	pounds (kg)	580 [263]	625 [283]	790 [358]

Model		DG-30	DG-40
Capacity @ 125 PSI		125**	154.4**
150 PSI (H)	ACFM	-	126.9**
Motor	hp (kW)	30 [22]	40 [30]
Discharge NPT	inches	1 ¼"	1 ¼"
Length	inches (mm)	61 [1,549]	62 [1,575]
Width	inches (mm)	35 [889]	35 [889]
Height	inches (mm)	37 [940]	37 [940]
Weight	pounds (kg)	990 [449]	1,220 [553]

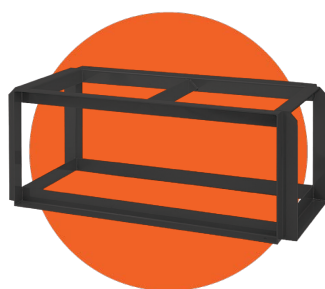
* Dimensions and weights shown for units mounted on 200 gallon tank, all others being shown with 120 gallon tank

** Capacity in accordance with CAGI / ISO 1217 (Annex C / Annex E)



Tank Mounted (optional)

ASME coded 120, 200 and 240 gallon air receivers are readily available.



Elevated Platform (optional)

19" High, to keep your unit off the ground and for easy maintenance.



Acoustical Enclosure (optional)

Easy removable panels for faster maintenance and accessibility. Inlet cooling air filter replaceable element for clean quiet performance.

FEATURES

COMPRESSOR UNIT:

- » Fluid flooded rotary screw, continuous duty, industrial air compressor.
- » Direct coupled to motor for positive alignment.

ELECTRIC MOTOR:

- » Nema T-frame, (TEFC), squirrel cage induction type.
- » 230/460/3/60

MOTOR STARTER:

- » Full voltage magnetic starter with 115 controls, Nema 4 enclosure, circuit breaker, transformer and three-phase overload protector.
- » Wye Delta

COUPLING & DRIVE:

- » Compressor is flange mounted to motor C-face for positive alignment and gear driven with low maintenance coupling.

AIR INTAKE FILTER:

- » Corrosion resistant housing
- » Oversize multi-stage dry type with replaceable element.

COOLING SYSTEM:

- » Air-cooled oil aftercooler and factory filled with Palasyn 45 synthetic lubricant.

CONTROLS:

- » Equipped with microfiber full flow, spin on oil filter.
- » Auto dual control, full modulation, timed stop or constant run gauge (optional)
- » Solenoid controlled for smooth operation and lowest possible no load power.
- » Optional line pressure gauge, fluid reservoir sightglass, hour meter, discharge temperature gauge, fluid filter and separator element differential gauges.

INSTRUMENTATION:

- » Microprocessor

PROTECTIVE DEVICES:

- » Class 20 overload relay, high temperature and overpressure shutdown.

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