



D-SERIES

15-40 HP \ DIRECT DRIVE \ INDUSTRIAL ELECTRIC COMPRESSORS



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

Dependable by design.™

Reliable and Versatile

In Industries That Require Constant And Dependable Air Power, The D-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.

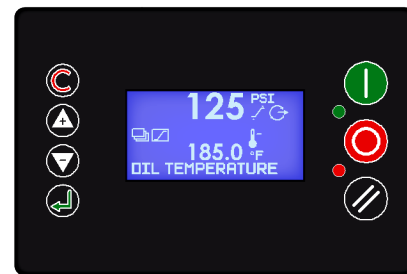
*Air End Warranty, 2 years. Extended 5-year Superior Platinum Warranty or NEW Platinum-PLUS Warranty available with purchase of genuine Sullivan-Palatek parts and fluids.

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.



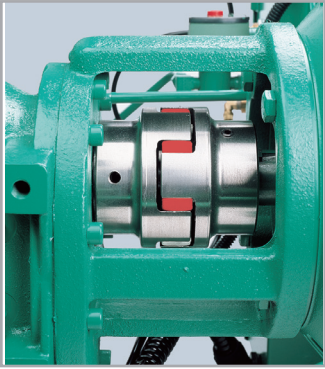
Gauges (optional)

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 >>



D-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	D-25	D4-25	D-30	D-40
Capacity @ 125 PSI		49.5**	78**	105**	85	105	160
	150 PSI (H)	ACFM	46.5	75	92	78	103
	175 PSI (HH)		N/A	53	80	74	100
Motor	hp (kW)	15 (11.2)	20 (14.9)	25 (18.6)	25 (18.6)	30 (22.4)	40 (29.8)
Motor Speed	RPM	1,750	1,750	3,550	1,750	3,550	3,550
Sump Capacity	gallons (liters)	1.52 (5.75)	1.52 (5.75)	1.52 (5.75)	1.52(5.75)	1.52 (5.75)	2.32(8.78)
Discharge NPT	inches	1"	1"	1"	1"	1"	1 1/4"
Length	inches (mm)	61 (1,549)	61 (1,549)	62 (1,575)	63 (1,600)	63 (1,600)	68 (1,727)
Length (Tank Mounted)	inches (mm)	72 (1,828)	72 (1,828)	72 (1,828)	74 (1,889)	72 (1,828)	76 (1,930)*
Width	inches (mm)	30 (762)	30 (762)	30 (762)	30 (762)	30 (762)	35 (889)
Width (Tank Mounted)	inches (mm)	30 (762)	30(762)	30 (762)	29 (736)	30 (762)	35 (889)*
Height	inches (mm)	34 (863)	38 (965)	35 (889)	38 (965)	35 (889)	37 (939)
Height (Tank Mounted)	inches (mm)	60 (1,524)	65 (1,651)	61 (1,549)	65 (1,651)	61 (1,549)	70 (1,778)*
Weight	pounds (kg)	580 (263)	625 (283)	625 (283)	790 (358)	770 (349)	925 (419)
Weight (Tank Mounted)	pounds (kg)	905 (410)	950 (430)	950 (430)	1,115 (505)	1,095 (496)	1,400 (635)*

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

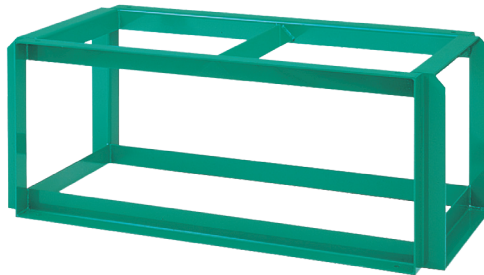
** Capacity in accordance with CAGI / ISO 1217 (Annex C / Annex E)

Water Cooled
Option Available



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.

Sullivan-Palatek, Inc.
1201 West US Highway 20
Michigan City, IN 46360

219.874.2497

sullivan-palatek.com

info@palatek.com