

40, 50 & 60 H.P.

# **Sullivan** **Palatek®**

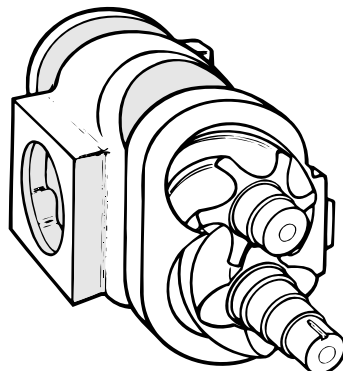
*Rotary Screw Air Compressors*



*Proven performance  
with exceptional design.*

# Sullivan Palatek®

## “The Ultimate Performance Rotary Screw Air Compressor”



### Lube Fill & Level Elbow

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

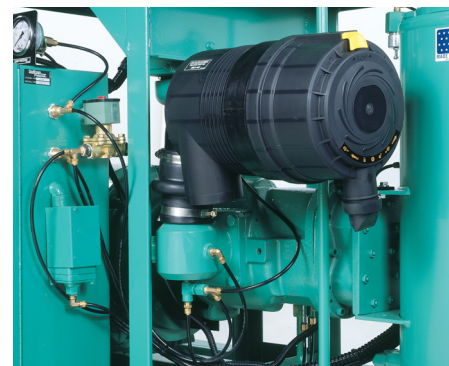


### Air Intake Filter

Oversized dry type with easily replaceable element, 40-50 H.P. throw-away element housing for 60 H.P. model.

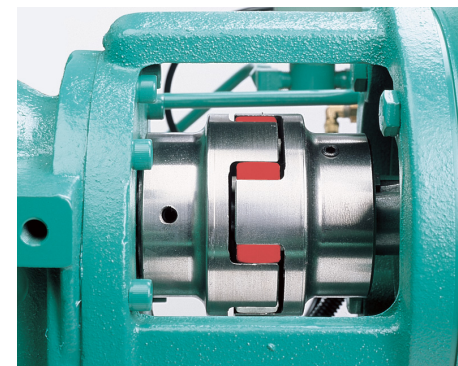
### Inlet Valve

One piece housing for dependable performance and full modulation.



### Coupling & Drive

Compressor is flange mounted to motor C-face for positive alignment and direct driven. The coupling carries a 5 year warranty and the element has a 1 year warranty.



### Controls

Full modulation, solenoid controlled for smooth lowest possible no load power. Automatic start/stop or constant speed. Timed dual control.

### Acoustical Enclosure

Easy removable panels for faster maintenance and accessibility.

### Instrumentation

Line pressure gauge, discharge pressure gauge, hour meter, temperature gauge, lube filter and separator element differential gauges.



## The advantages of owning a Sullivan Palatek Rotary Screw Air Compressor.

Sullivan Palatek provides low maintenance, high performance and one of the most reliable air ends in the industry. **FIVE YEAR WARRANTY.**

Our Advanced Design features oversize radial thrust bearings and precision working rotary screws that provide virtually no wear. Less friction, less heat. Compressor runs cool and the circulating fluid lasts longer.

### Standard Features

#### Electric Motor

230/460 volt (40-60 H.P.), Nema T-frame, C-face, open drip proof squirrel cage induction type, energy efficient. **FIVE YEAR LINCOLN MOTOR WARRANTY.**

#### Motor Starter

460 volt (40-60 H.P.), full voltage magnetic starter with 110 volt controls, Nema-1 enclosure, ETL listed and solid state three phase overload with external reset and phase protection. Control circuit breaker protection. Other volt-ages available. Cooling fan protected by solid state overload relay.

#### Protective Devices

Class 20 solid state overload relay, high temperature and over pressure shutdown switches, and anti-restart pressure switch preventing starting while air compressor is pressurized. Anti-reversing control standard.

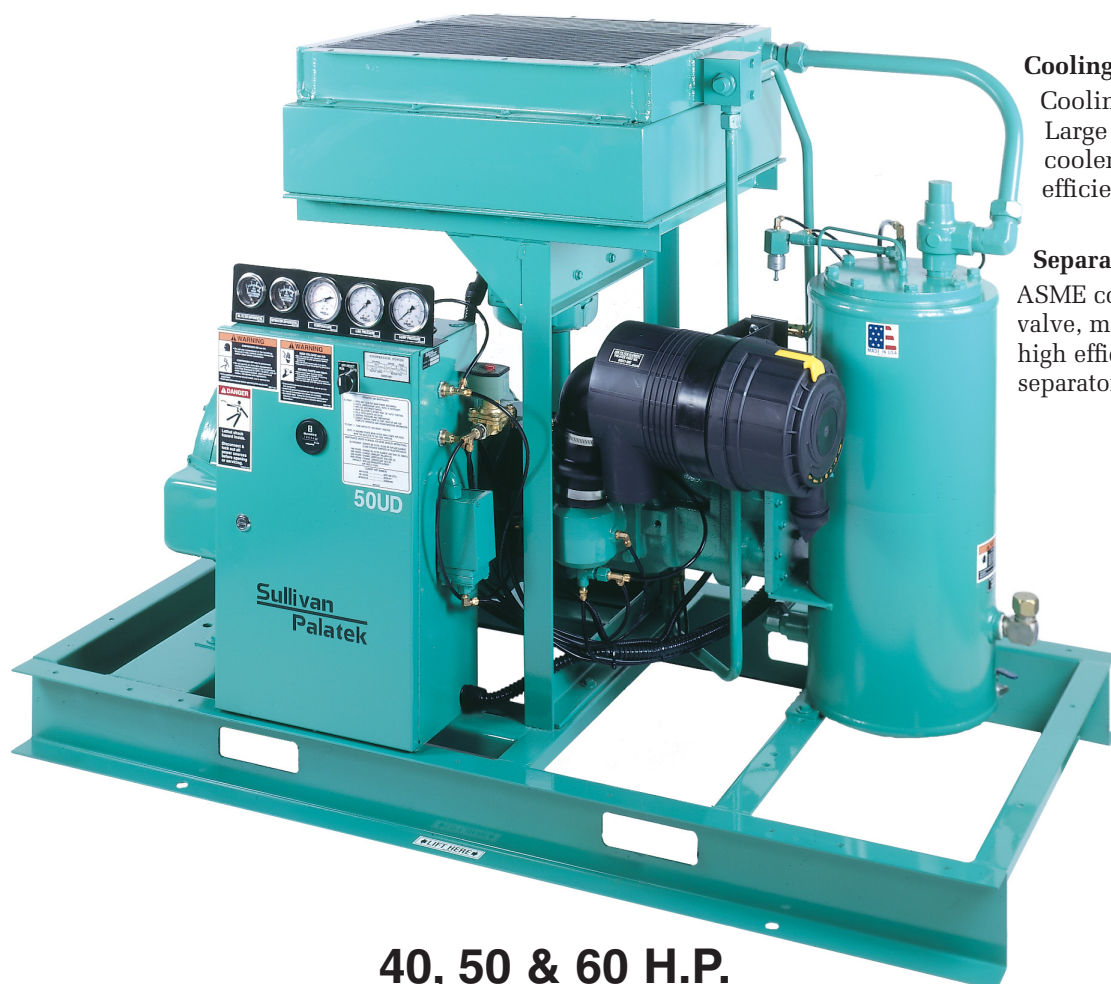
40 – 50 H.P. shown

### Cooling System

Cooling system with own motor. Large side by side lube cooler/after-cooler. **Updraft** for maximum efficiency. Easy cleaning.

### Separator Tank

ASME coded 200PSIG tank, relief valve, minimum pressure/check valve, high efficiency replaceable air/lube separator element.



40, 50 & 60 H.P.



### Microprocessor (optional)

Solid-state digital readout, or optional redundant analog control.



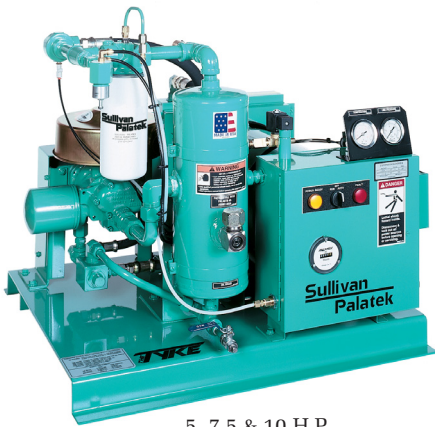
### Optional Redundant Analog Control



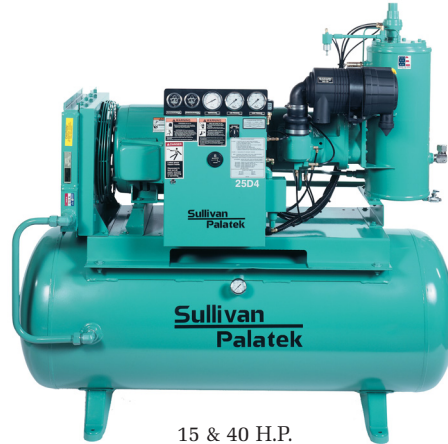
### Lube Filter

Spin on type mounted direct to compressor unit for ease of maintenance and streamlined tubing.

## STANDARD PERFORMANCE MODELS



5, 7.5 & 10 H.P.



15 & 40 H.P.



75 & 100 H.P.



125, 150 & 200 H.P.

### SPECIFICATIONS

| Model                       | 40UD | 50UD | 60UD |
|-----------------------------|------|------|------|
| Drive Motor (h.p.)          | 40   | 50   | 60   |
| Fan Motors (h.p.)           | 1    | 1    | 1.5  |
| Sump Capacity (gal.)        | 3.5  | 3.5  | 3.5  |
| Discharge (inches)          | 1.25 | 1.25 | 1.25 |
| Length (inches)             | 66   | 66   | 66   |
| Length w/enclosure (inches) | 79   | 79   | 79   |
| Width (inches)              | 34   | 34   | 34   |
| Height (inches)             | 48   | 49   | 49   |
| Weight (lbs.)               | 1300 | 1400 | 1700 |
| With enclosure (lbs.)       | 1600 | 1700 | 2000 |

Sold and Serviced By:

