



**Sullivan**  
**Palatek**

# UD-SERIES

40-50 HP \ UPDRAFT MODELS \ INDUSTRIAL ELECTRIC COMPRESSORS



\*Shown with optional enclosure

UD-40, 40 HP \ UD-50, 50 HP

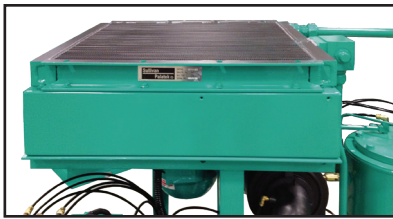
*Dependable by design.™*

# SPECIFICATIONS

Model		UD-40	UD-50
Capacity @ 125 psi*	cfm	160	184
Motor	hp (kW)	40 (30)	50 (37)
Fan Motor Output	hp (kW)	1 (.7)	1 (.7)
Sump Capacity	gallons (liters)	3.5 (13.2)	3.5 (13.2)
Discharge NPT	inches	1 ¼	1 ¼
Length	inches (mm)	66 (1,676)	66 (1,676)
Width	inches (mm)	34 (864)	34 (864)
Height	inches (mm)	48 (1,219)	48 (1,219)
Weight	pounds (kg)	1,050 (476)	1,215 (551)
Weight/Enclosed	pounds (kg)	1,350 (612)	1,515 (687)

\*Available from 100-175 psi, please consult factory for additional pressures.

## COOLING SYSTEM



« Updraft design allows hot air to be recovered or exhausted thru top of the machine

Dedicated fan motor and side » by side lube cooler and air cooled aftercooler for easy cleaning



« C-Face motor for positive alignment

« Air Compressor shown with standard open configuration and optional T1 Microprocessor.

## FEATURES

- » **T1 Microprocessor** - Program daily schedule to suit plant requirements
- » **Electric Motor** - 460/575/3/60 standard (208/230/3/60 and 380/415/50 optional on most models)
- » **Motor Starter** - Full voltage magnetic starter with 120 volt controls, NEMA 1, NEMA 4, Wye Delta, VFD - Optional
- » **Protective Devices** - Class 20 Solid State overload relay, anti reverse, high temperature and high pressure shutdown switches
- » **Lube Fill & Level Elbow** - One piece fluid fill elbow and level indication sight glass
- » **Separator Tank** - ASME coded 200PSIG tank, relief valve, minimum pressure/check valve
- » **Cooling System** - Cooling system with dedicated fan motor, large side by side lube cooler and aftercooler
- » **Air Intake Filter** - Heavy duty dry type with easily replaceable elements
- » **Inlet/check valve** - One piece housing for dependable performance and complete modulation
- » **Coupling & Drive** - Compressor is flange mounted to motor C-face for positive alignment and direct driven
- » **Controls** - 0-100% modulation, solenoid controlled for smooth lowest possible no load power

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