

T H E S U L L A I R
49HP DUQ
UTILITY AIR COMPRESSORS
160 CFM AT 100 PSIG—76 L/S AT 7 BAR



- ROTARY SCREW COMPRESSOR
- TOTALLY ACCESSIBLE FOR SERVICE
- CURBSIDE INSTRUMENT PANEL
- SSAM-SHUTDOWN SYSTEM AND ANNUNCIATOR MODULE
- IDLE WARM-UP VALVE
- PROTECTIVE SHUTDOWN SWITCHES
- TWO-STAGE AIR FILTERS
- 0 TO 100% CAPACITY CONTROL
- PNEUMATIC INLET VALVE
- AWF COMPRESSOR FLUID
- FORK LIFT POCKETS
- REMOTE COMPRESSOR FLUID DRAIN
- REMOTE ENGINE OIL DRAIN
- REMOTE ENGINE COOLANT DRAIN
- CORROSION RESISTANT ENCLOSURE
- GALVANNEAL SHEET METAL
- LOW EMISSION ENGINE TECHNOLOGY





Curbside Instrument Panel
Hinged, padlockable door.



Curbside door provides complete access to all servicable components for periodic routine maintenance.



Rotary Screw Compressor
Single-stage, fluid flooded. Cast iron housing is dimensionally stable, thick-walled and machined to close tolerances.



Fluid plugs are conveniently grouped and located curbside for draining compressor fluid, engine oil and engine coolant.

DESIGNED FOR TOTAL ACCESSIBILITY AND RELIABILITY

Compact Package

Designed for cross-mounting on utility-type trucks

Fork lift pockets and exposed single point lifting bail facilitate installation and maintenance, easily removed from truck

Total Accessibility

All normal service items accessible through a curbside door and include: compressor and engine lubricant filters, fuel filters, compressor and engine air filters, compressor and engine sight glasses, compressor and engine oil fills, fuel fill

Remote Fluid Drains

Curbside O-Ring Plug fittings are provided for

draining compressor lubricant, engine oil and engine coolant

0 to 100% Capacity Control

Pneumatic inlet valve and unloaded starting
Color-coded control line

Curbside Instrument Panel

Hinged, padlockable cover
Air pressure gauge, hourmeter, voltmeter, engine oil pressure gauge, engine coolant temperature gauge, compressor discharge temperature gauge
Rocker-type ignition switch
Idle warm-up valve
Glow plug starting aid

SSAM—Shutdown System and Annunciator Module

Shutdown with annunciator light for high compressor temperature, high engine coolant temperature, low engine oil pressure, and engine underspeed

Low Emission Engine Technology

Engine complies with Tier 3 and Stage 3 emission legislation

Corrosion Resistant Enclosure

Galvanneal exterior sheet metal
Plated fittings and hardware
Aluminum instrument panel door
Durable baked-on powder coat paint finish

Two-Stage Dry Type Air Filters

Separate filters for engine and compressor

Dual Fuel Filtration System

Primary fuel/water separator with transparent bowl and water drain
Final filter with drain

AWF Compressor Fluid

All-weather, all-climate fluid

Quiet Operation

Meets US EPA Sound requirements of 76dBA @ 7 meters

Air-end Warranty

5 year or 10,000 hour warranty when continuously serviced at the recommended intervals with Sullair AWF Compressor Fluid and Filters.
2-Year standard warranty

SPECIFICATIONS, WEIGHTS AND DIMENSIONS—SULLAIR UTILITY COMPRESSORS

| | |
|--------------------------|--|
| Model | 49HPDUQ |
| Capacity Delivery | 160 acfm @ 100 psig 76 L/S @ 7 bar - 4.5 m ³ /min @ 7 bar |
| Engine | |
| Type | Diesel |
| Make | John Deere |
| Model | 4024TF281 |
| Displacement | 149 cu in (2443 cc) |
| Cylinders | 4 |
| Bore x stroke | 3.39 x 4.13 in (86 x 105 mm) |
| Rated Speed | 2800 rpm |
| Rated Power | 49 hp (36.5 kW) |
| Weight | |
| Dry | 1795 lbs (814 kg) |
| Wet | 1965 lbs (891 kg) |
| Dimensions | |
| Length | 84 in (2134 mm) |
| Height (top of canopy) | 47 in (1194 mm) |
| Height (over muffler) | 51 in (1296 mm) |
| Width | 33.5 in (851 mm) |

Capacity per CAGI/PNEUROP PN2CPTC3.

SULLAIR'S OPTIONS ALLOW YOU TO CUSTOMIZE THE COMPRESSOR TO MEET YOUR SPECIFIC REQUIREMENTS WITHOUT PAYING FOR ITEMS YOU DO NOT NEED.

- Special point
- Spark arrestor muffler
- Illuminated instrument panel
- Fuel level gauge
- Tachometer
- Air filter maintenance indicators
- Block heater
- Low fuel shutdown



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