



SULLAIR 375 SERIES

375H, 400H, 400HH, 425H

Portable Lubricated Rotary Screw Air Compressors
Tier 4 Final Emissions Compliant

375–425 cfm at 150–200 psi



DURABILITY MEETS VERSATILITY

DESIGNED TO GET THE JOB DONE

The Sullair 375 series of portable compressors is ready to hit the ground running for a variety of job site applications. With 4 units in the family — including the 400HH featuring air pressures up to 200 psig — our diversified fleet is crafted with the most important ingredient of all: customer requirements. The modern design incorporates feedback from the front lines, which means the compressors we roll out are primed to perform at the job site. And all Sullair portable compressors are driven by the Legendary Sullair 16-Series Air End.

Compact Design

- Easier towing to and from the job site
- Improved maneuverability — fits more easily in smaller spaces
- More convenient storage — on the job site or at the yard

Easy Pressure Change

- Select models shift from low to high pressure with the flip of a switch

Quiet Operation

- 74 decibels at 23 feet operating at full load

Extended Runtime

- Oversized 65 gallon fuel tank
- Up to 10 hours of runtime at full load
 - 5–7% improvement in fuel consumption at full load compared to previous models

Easy Service and Maintenance

- Swing doors with slam latches to ensure doors stay open
- Easy access to key components including:
 - Cooler; aftercooler (if equipped); battery and battery disconnect
 - Compressor fluid filter
 - Compressor air filter
 - Engine filters

...and more



STANDARD FEATURES

- Legendary Sullair 16-Series Air End
- Low Fuel Shutdown
- Discharge Temperature Sensor
- Electric Brakes
- LED Tail, Turn and Clearance Lights
- Sullair AWF® All Weather Fluid — Factory Fill Lubricant

CUSTOMIZE YOUR COMPRESSOR

Options and Extras

- Cold weather package
- Jack caster with wheels
- Mechanical parking brake
- Single or dual hose reels (except 400HH)

VALUE IN VERSATILITY

375 Series Applications

- General construction
- Abrasive blasting
- Optical fiber installation
- Plant backup air
- Pipeline work
- ...and more

All 375 Series models also available without running gear



TECHNICAL SPECIFICATIONS

FOR MORE INFORMATION, CONTACT YOUR
LOCAL AUTHORIZED SULLAIR DISTRIBUTOR.

PERFORMANCE				
	375H (T4F)	400H (T4F)	400HH (T4F)	425H (T4F)
Actual Delivery <i>cfm (m³/min)</i>	375 (10.6)	400 (11.3)	400 (11.3)	425 (12)
Rated Pressure <i>psig (bar)</i>	150 (10.3)	150 (10.3)	200 (13.8)	150 (10.3)
Pressure Range <i>min/max (bar)</i>	80 (5.5) / 175 (12.1)	80 (5.5) / 175 (12.1)	80 (5.5) / 225 (15.5)	80 (5.5) / 175 (12.1)
Fuel Consumption Full Load <i>gal/h (l/h)</i>	5.9 (22.3)	5.9 (22.3)*	7.4 (28)	7.7 (29.1)
Maximum Operating Altitude <i>ft (m)</i>	9000 (2743)	9000 (2743)	9000 (2743)	9000 (2743)
ENGINE				
Make & Model	CAT C4.4 (T4F)	CUMMINS QSF3.8 (T4F)	CAT C4.4 (T4F)	CAT C4.4 (T4F)
Operating Speed <i>rpm</i>	2100	2200	1900	2100
Available Power <i>bhp (kW)</i>	122 (91)	130 (97)	157 (117)	157 (117)
Displacement <i>in³/l</i>	269 (4.4)	229 (3.8)	269 (4.4)	269 (4.4)
Cooling System Capacity <i>gal (l)</i>	6.9 (26)	6.3 (23.8)	6.9 (26)	6.9 (26)
Engine Oil Capacity <i>qts (l)</i>	8.5 (8)	15.4 (14.6)	12 (11.5)	12 (11.5)
Fuel Tank Capacity <i>gal (l)</i>	65 (246)	65 (246)	65 (246)	65 (246)
Electrical System Voltage	12	12	12	12
Battery Rating <i>CCA</i>	1125	1125	1125	1125
DEF Consumption <i>% of Fuel</i>	2.3%	6%	2.3%	2.3%
DEF Capacity <i>gal (l)</i>	5 (19)	5 (19)	5 (19)	5 (19)
COMPRESSOR				
Service Valves <i>No. & (Size)</i>	2 (¾")	2 (¾")	1 (1½")	2 (¾")
Compressor Oil Capacity <i>gal (l)</i>	8 (30)	8 (30)	8 (30)	8 (30)
DPQ PACKAGE — INCLUDES RUNNING GEAR				
Working weight <i>lbs (kg)</i>	4840 (2195)	4895 (2220)	4840 (2195)	4840 (2195)
Dry weight <i>lbs (kg)</i>	4200 (1905)	4275 (1939)	4200 (1905)	4200 (1905)
Length <i>in (mm)</i>	156 (3962)	156 (3962)	156 (3962)	156 (3962)
Width <i>in (mm)</i>	77 (1958)	78 (1958)	77 (1958)	77 (1958)
Height <i>in (mm)</i>	76 (1921)	76 (1921)	76 (1921)	76 (1921)
Track Width <i>in (mm)</i>	67 (1702)	67 (1702)	67 (1702)	67 (1702)
Max Towing Speed <i>mph (km/h)</i>	55 (89)	55 (89)	55 (89)	55 (89)
Axle Rating <i>lbs (kg)</i>	5000 (2268)	5000 (2268)	5000 (2268)	5000 (2268)
Tire Size	225/75R15	225/75R15	225/75R15	225/75R15
DLQ PACKAGE — LESS RUNNING GEAR				
Working weight <i>lbs (kg)</i>	4610 (2092)	4665 (2116)	4610 (2092)	4610 (2092)
Dry weight <i>lbs (kg)</i>	3970 (1801)	4045 (1835)	3970 (1801)	3970 (1801)
Length <i>in (mm)</i>	101 (2577)	101 (2577)	101 (2577)	101 (2577)
Width <i>in (mm)</i>	59 (1506)	59 (1506)	59 (1506)	59 (1506)
Height <i>in (mm)</i>	64 (1619)	64 (1619)	64 (1619)	64 (1619)

* Non-aftercooled