

# THE SULLAIR 425

## Portable Air Compressor

425 cfm at 100 psig — 12 m<sup>3</sup>/min at 7 bar



- Rotary screw compressor
- Removable modular canopy
- Adjustable height hitch
- E-Z lube axle
- Large tool box compartment
- Curbside instrument panel
- SSAM—Shutdown System and Annunciation Module
- Battery disconnect switch
- Idle warm-up valve
- Emergency stop
- Rocker type start switch
- Protective shutdown switches
- Fuel/Water separator
- Three-Stage air filters
- 0 to 100% capacity control
- Pneumatic inlet valve
- AWF<sup>®</sup> Compressor Fluid
- Durable powder coat finish
- Wide track
- Galvanneal sheet metal
- Recessed tail lights
- Rear bumper



**SULLAIR<sup>®</sup>**

*Always air. Always there.<sup>®</sup>*

# SULLAIR 425 TECHNICAL SPECIFICATIONS

COMPRESSOR PACKAGE DIMENSIONS								
Model	Weight (wet)*	Weight (dry)*	Length (drawbar)	Length (canopy)	Width	Height	Track Width	Tire Size
	lbs (kg)	lbs (kg)	in (mm)	in (mm)	in (mm)	in (mm)	in (mm)	(load range)
Diesel Portable Quiet (DPQ)	4440 (2014)	4050 (1837)	156.1 (3966)	98.8 (2510)	77.2 (1960)	75.9 (1928)	67.5 (1715)	225/75D15
Less Running Gear (DLQ)	4195 (1903)	3805 (1726)	—	98.8 (2510)	59.3 (1506)	63.6 (1616)	—	—

  

COMPRESSOR PERFORMANCE			DIESEL ENGINE SPECIFICATIONS						
Delivery @ Rated Pressure	Rated Pressure	Pressure Range	Engine Make	Engine Model	Cylinders	Bore & Stroke	Rated Power	Rated Speed	Displacement
	psig (bar)	psi (bar)				in (mm)	hp (kW)	rpm	in <sup>3</sup> (cc)
425 cfm 200 l/s 12.0 m <sup>3</sup> /min	100 (7)	80–125 (5.5–8.5)	John Deere (Tier 3 emission compliant)	4045HF285	4	4.19 x 5.00 (106 x 127)	140 (104)	2200	275 (4507)
			Caterpillar (Tier 2)	3054C	4	4.13 x 5.00 (106 x 127)	129 (96)	2200	269 (4400)
			Caterpillar (Tier 3 emission compliant)	C4.4	4	4.13 x 5.00 (105 x 127)	130 (97)	2200	269 (4400)

Capacity per CAGI/PNEUROP PN2CPTC3. (Annex D to ISO 1217) CAT T2 engine available outside North America and the EU Countries. \*Weights are for JD Diesel. For CAT, deduct 20 lbs

## DESIGNED FOR TOTAL ACCESSIBILITY AND RELIABILITY

### Rotary Screw Compressor

#### Ample Service Doors

- Large service doors provide access to fuel tank, engine, compressor air filters and tool compartment
- Rear service panel provides access to side-by-side compressor fluid cooler, engine air cooler and engine radiator
- Serviceable components within easy reach
- Routine maintenance is simplified
- Reduced downtime and service cost
- Service doors feature non-rusting hinges and stainless steel T-type door retainers

#### Multi-Piece Canopy

- Modular design reduces replacement costs
- Easily removed as one assembly for major service
- Exposed, single point lifting bail

#### 0 to 100% Capacity Control

- Pneumatic inlet valve and unloaded starting

#### Quiet Operation

- Meets US EPA sound requirements of 76 dBA at 7 meters

### Highway Towable Running Gear

- 3" x 5" drawbar
- Adjustable height hitch (15", 17", 19")
- Quick-change hitch
- Screw jack with pad
- Transport security chains
- E-Z lube axle lubrication
- Heavy duty leaf spring suspension

### Curbside Instrument Panel

- Hinged, padlockable cover
- Mechanical air pressure gauge, Powerview (John Deere) and Hourmeter (Caterpillar)
- Rocker type engine start switch
- Idle warm-up valve
- High/low pressure selector valve allows dual pressure capability without making mechanical adjustments

### SSAM — Shutdown System & Annunciation Module

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

### Three-Stage Dry Type Air Filters

- Separate filters for engine and compressor

### Durable, Baked-On Powder Coat Finish

### Tier 3 Emission Compliant Engines

#### Air End Warranty

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

### Customize the compressor to meet your specific requirements with Sullair options

- Filtration for instrument quality air
- Aftercooler
- Special paint
- Hose reels, single and dual
- Spark arrestor
- Cold weather starting aid
- Fuel level gauge
- Brakes (recommended where required by law)
- Mechanical parking brakes
- Ball hitch
- Air filter maintenance indicators
- Gauge package (Caterpillar)
- Tachometer (Caterpillar)
- Block heater
- Ether starting aid (John Deere)