

THE SULLAIR 185

Portable Air Compressor

185 cfm at 100 psig — 5 m³/min at 7 bar



- Compact/lightweight design
- Rotary screw compressor
- Clam shell canopy
- Independent rubber torsion suspension
- Wheel bearing grease fittings
- Curbside instrument panel
- SSAM-Shutdown System & Annunciation Module
- Rocker type start switch
- Idle warm-up valve
- Glow plug starting aid
- Galvanneal sheet metal
- Composite material end caps
- Durable powder coat finish
- Fuel / Water separator
- Rear bumper
- Recessed tail lights
- AWF® All Weather Fluid
- Pneumatic inlet valve
- 0 to 100% capacity control
- Adjustable height hitch
- Heated controls
- Color-coated control lines
- Discharge air check valve



SULLAIR®

Always air. Always there.®

SULLAIR 185 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)	2130 (966)	1990 (903)	130.8 (3322)	69.5 (1765)	59.2 (1504)	53.8 (1368)	50.9 (1294)	ST 175/80D 13
Less Running Gear (DLQ)	1885 (855)	1745 (792)	—	72.5 (1842)	40.7 (1034)	44.5 (1130)	—	—

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 ³ (cc)
185 acfm 87 l/s 5.2 m ³ /min	100 (7)	80–125 (5.5–8.5)	Caterpillar (Interim Tier 4 emissions compliant)	C2.2	4	3.30 x 3.94 (84 x 100)	61 (45.5)	2800	134 (2196)

Capacity per CAGI/PNEUROF PN2CPTC3 (Annex D to ISO 1217)

DESIGNED FOR TOTAL ACCESSIBILITY AND RELIABILITY

Clam Shell Canopy

- Canopy opens fully with gas assist springs
- Serviceable components are within easy reach, routine maintenance is simplified

Corrosion Resistant Enclosure

- Galvanneal sheet metal with composite end caps and fenders
- Stainless steel hinges and latches, plated fittings and hardware
- Aluminum instrument panel door

Highway Towable Running Gear

- Pneumatic inlet valve and unloaded starting

Quiet Operation

- Independent rubber torsion suspension
- Axle offers convenient wheel bearing lubrication through zerk fittings
- 3" square drawbar
- Screw jack with pad
- Adjustable height hitch
- Transport security chains
- Recessed tail lights
- Rear bumper

Durable, Baked-on Powder Coat Finish

Environmental Features

- 1500 hour compressor lube change
- Engine is Interim Tier 4 emissions compliant (CAT)

Curbside Instrument Panel

- Hinged, padlockable cover
- Mechanical air pressure gauge and hourmeter
- Rocker type engine start switch, with emergency stop
- Idle warm-up valve
- Glow plug starting aid

SSAM — Shutdown System & Annunciation Module

- Shutdown with annunciator light for high compressor temperature, high engine coolant temperature, low engine oil pressure and engine under-speed

Capacity Control System

- Pneumatic inlet valve and unloaded starting
- Color coded control lines
- Heated controls to prevent freezing

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

Dual Fuel Filtration System

- Primary fuel / water separator with transparent bowl and water drain

Quiet Operation

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

Customize the compressor to meet your specific requirements with Sullair options

- Special paint
- Hose reels, single and dual
- Fuel level gauge
- Gauge package
- Tachometer
- Brakes (recommended where required by law)
- Mechanical parking brakes
- Block heater
- Ball hitch
- Air filter maintenance indicators
- Air filter safety elements
- Low fuel shutdown