THE SULLAIR

825

PORTABLE AIR COMPRESSOR

825 CFM AT 125 PSIG-390 L/S AT 8.5 BAR

ROTARY SCREW COMPRESSOR

PNEUMATIC INLET VALVE

0 TO 100% CAPACITY CONTROL

COMPASS® CONTROLLER

PROTECTIVE SHUTDOWN SWITCHES

TWO-STAGE AIR FILTERS WITH SAFETY ELEMENT

LOCKABLE SERVICE DOORS

THREE MOUNTING OPTIONS—

LESS RUNNING GEAR

FOUR-WHEEL STEERABLE TANDEM AXLE—

ELECTRIC BRAKES

MECHANICAL PARKING BRAKE

E-Z LUBE AXLE

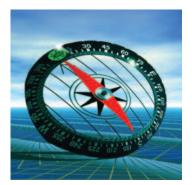
TAIL LIGHTS

AWF COMPRESSOR FLUID

COMPLETE FLUID CONTAINMENT







COMPASS® Controller

The Brains of the system monitors every aspect of the compressor and engine.



Monitoring and Control System

The user friendly Control Panel (housed in a weathertight enclosure) provides real time system information.



Rotary Screw Compressor by Sullair The pioneer in Rotary Screw Technology.



Sullair AWF Compressor Fluid Improved hot and cold weather lubrication. Longer compressor fluid life. Extended airend warranty.

COMPASS® Controller

Gauges and a LCD Graphic Display on the COMPASS® Controller indicate:

- discharge pressure,
- discharge temperature,
- ambient air temperature,
- separator restriction.
- aftercooler air temperature and louver activation if equiped,
- engine speed,
- hours of operation,
- voltage,
- engine coolant temperature,
- engine coolant level,
- fuel level,
- fuel usage rate,
- fuel pressure.
- fuel temperature,
- percent engine load, engine air temperature, and
- engine oil pressure.

- compressor and engine status Indicator lights for:
- low fuel,
- high compressor temperature,
- compressor shutdown and warning
- engine shutdown and warning. An engine diganostic service port. displayed diagnostic messages and retrievable shutdown history includes all monitored system parameters at time of shutdown,

A rocker-type start switch is also provided.

back lit swiches and gauges for night

E-stop, and auto and remote start capability

Three Mounting Options

Highway towable tandem axle version includes electric brakes, mechanical parking brake, restraining tow chains, E-Z lube axle system and tail lights.

Four-wheel steerable mounting and less running gear on mounting rails are also available.

0 to 100% Capacity Control

Automatic inlet valve and unloaded

Two-Stage Dry-Type Filters

Filters incorporate safety elements and are positioned to draw cool ambient air.

Complete Fluid Containment

Remote bulkhead drain valves for all fluids. Quick connect fuel couplings to easily fuel from a remote fuel tank.

Low Emission Engine Technology

Complies with Tier 3 and Stage 3 emission legislation.

Air End Warranty 5 year or 10,000 hour warranty when continuously serviced at the recommended intervals with Sullair AWF Compressor Fluid and filters.

Durable Powder Coat Finish

Quiet Operation

Meets US EPA Sound requirements at 76dBA @ 7 meters.



This product is manufactured to the highest quality standards in an ISO 9001 certified quality system

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

Block heater Special color paint

Surge hydraulic brakes Parking brake (standard on tandem) Aftercooler

Filtration for instrument quality air

SPECIFICATIONS, WEIGHTS AND DIMENSIONS—SULLAIR 825 PORTABLE COMPRESSOR Designated Weight Width Height* Delivery Rated **Pressure** Length Length Track Tire Size @ Rated Model (drawbar) Width **Pressure** Range (wet) (canopy) (canopy) (load range) **psig** bar Pressure psig lbs in in kg mm mm mm mm mm 825 cfm 125 80-125 **Tandem** 10045 191 131 87 83 **77** 9.50 x 16.5 LT (E) 2108 2210 1956 390 L/S 8.5 Axle 4553 4851 5 5-8 5 3327 23.4 m³/min 4-Wheel 10195 204 131 87 89 79.5 8.75 X 16.5 (D) 2210 **Steerable** 4621 5182 3327 2261 2019 9070 131 87 **72** Less 1829 2210 **Running Gear** 4111 3327 Engine Make **Engine Displacement Cylinders Bore and Stroke** Rated Speed **Rated Power Engine** Model Type cu in rpm **hp** kW mm C-9 ATAAC 538 6 4.41 X 5.87 1800 275 Caterpillar Diesel 8.8 112 X 149 205 Capacity per CAGI/PNEUROP PN2CPTC3. (Annex D to ISO 1217)



*Add 8 in. (203 mm) for overall clearance height.

www.sullair.com

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