

**T H E S U L L A I R
P O R T A B L E A I R C O M P R E S S O R**

750XHH/900XH

750 CFM AT 500 PSIG/900 CFM AT 350 PSIG
355 L/S AT 34.5 BAR/425 L/S AT 24 BAR

900XHH/1150XH

900 CFM AT 500 PSIG/1150 CFM AT 350 PSIG
425 L/S AT 34.5 BAR/543 L/S AT 24 BAR

ROTARY SCREW COMPRESSOR
0 TO 100% CAPACITY CONTROL
COMPASS CONTROLLER
ELECTRONIC ENGINE CONTROL
DUAL CAPACITY/DUAL PRESSURE
GALVANNEAL SHEET METAL
CURBSIDE INSTRUMENT PANEL—
IN WEATHER-TIGHT ENCLOSURE
PROTECTIVE SHUTDOWN SWITCHES
TWO-STAGE AIR FILTERS WITH
SAFETY ELEMENT
AMPLE SERVICE DOORS
CONTAINMENT FRAME
THREE MOUNTING OPTIONS—
LESS RUNNING GEAR
FOUR-WHEEL STEERABLE
TRI-AXLE—
ELECTRIC BRAKES
MECHANICAL PARKING BRAKE
E-Z LUBE AXLE
AWF COMPRESSOR FLUID





"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 air-end warranty.

DESIGNED FOR TOTAL ACCESSIBILITY AND RELIABILITY

"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 equipped,
- 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 diagnostic service port, displayed diagnostic messages and retrievable shutdown history includes all monitored system parameters at time of shutdown, high/low selector switch and a rocker-type start switch are also provided, back lit switches and gauges for night use, E-stop, and auto and remote start capability

Dual Performance

The compressor incorporates well proven spiral valve technology into the first stage of the air-end to achieve dual performance. Two distinct compressor models in one package.

Containment Frame

Heavy duty frame with complete fluid containment. Bulkhead drain valves for all fluids are provided.

Ample Padlockable Service Doors

Large front and side doors provide access to air filters, engine, and compressor.

Rear side service doors provide access to fuel tank, and batteries

Serviceable components within easy reach.

Routine maintenance is simplified.

Reduced downtime and service cost.

Service doors feature stainless hinges and steel T-type door retainers.

0 to 100% Capacity Control

Automatic inlet valve and unloaded starting.

Two-Stage Dry Type Air Filters

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

Three Mounting Options

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

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

All have tie down locations built into frame.

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.



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 Brakes

Aftercooler and Water Trap/Louvers

SPECIFICATIONS, WEIGHTS AND DIMENSIONS—SULLAIR 900XH PORTABLE COMPRESSOR

Delivery @ Rated Pressure	Rated Pressure psig bar	Designated Model	Weight (wet) lbs kg	Length (drawbar) in mm	Length (canopy) in mm	Width in mm	Height in mm	Track Width in mm	Tire Size (load range)
*750/900 acfm 355/425 L/S	500/350 34.5/24	Tri-Axle Mount (DTQ)	16040 7276	240 6096	179 4547	88 2235	92 2337	77 1956	9.50 x 16.5 LT (E)
**900/1150 acfm 425/543 L/S	500/350 34.5/24	4-Wheel	15710 7126	244 6198	179 4547	88 2235	99 2515	78 2515	8.25 X 15 TR (F)
		Less Running Gear (DLQ)	14940 6777	— —	179 4547	88 2235	83 2108	— —	— —
Engine Make	Engine Type	Engine Model	Displacement cu in cc	Cylinders	Cycles	Bore and Stroke in mm	Rated Speed rpm	Rated Power hp kW	
*Caterpillar	Diesel	C-15 ATAAC	928 15.2	6	4	5.40 X 6.7 137 X 171	1800	475 354	
**Caterpillar	Diesel	C-15 ATAAC	928 15.2	6	4	5.40 X 6.7 137 X 171	1800	540 403	

Capacity per CAGI/PNEUROP PN2CPTC3



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