SULLAIR®

E1035H

SULLAIR® ELECTRIC

Electric Portable Rotary Screw Air Compressors

1035 cfm at 150 psi ■ 29.3 m³/min at 10.3 bar

THE NEXT ERA OF GREEN SOLUTIONS

THE SAME RELIABILITY, DURABILITY AND PERFORMANCE SULLAIR IS KNOWN FOR. NOW IN AN ELECTRIC PACKAGE.

The E1035H marks a new generation for Sullair portable air compressors. Fully electric operation helps save fuel costs while reducing carbon footprint.

LOWER TOTAL COST OF OWNERSHIP COMPARED TO DIESEL COUNTERPARTS

ENGINEERED FOR EFFICIENCY & VERSATILE OPERATION

- Legendary 26-Series Sullair Air End with Electronic Spiral Valve technology for maximum efficiency and versatile operation
  - Electronic Spiral Valve Technology provides up to 60% turndown capability
    - Flow range capacity from 414 to 1035 cfm at 100 to 150 psi (11.7 to 29.3 m^3/min at 7 to 10.3 bar)
- Fully electric operation
  - Reduces CO_2 emissions
  - Helps eliminate fuel costs and can extend runtimes—no need for fuel runs
- Can operate in harsh outdoor environments or indoors
- Powered by a 250 hp TEFC motor with auto lubrication system
- Aftercooled and filtered to help protect downstream equipment from moisture, particulates and oil
- Patent-pending condensate management system standard
  - Condensate is evaporated from heat generated by the operating compressor. This helps eliminate the need for the additional equipment typically required for disposal.
- NEMA 4 solid state starter
  - Superior startup with low in rush current
  - Helps maximize efficiency
  - Helps extend compressor component lifecycle
- Genuine Sullube® compressor fluid
  - Helps clean and protect rotors from varnish—the number one cause of premature failure among rotary screw compressors

DESIGNED FOR EASE OF USE

- Single-access operation point
- 7″ color Sullair Touch Screen (STS) Controller allows easy control at the touch of a finger—even with gloves on!
  - Controls Electronic Spiral Valve
  - In-depth compressor and package performance information
- Sullair AirLinx®—a Telematics Solution
  - GPS to keep track of your machines via Internet-connected devices
  - Fleet management
  - Remote monitoring and troubleshooting

COMPACT & DURABLE PACKAGE

- Multiple service doors for easy service and maintenance
  - Single-side service design
  - Patent-pending swingout coolers allow full access for quick and easy cleaning
- Highway-towable, single-axle running gear
- Rotatable jack stand
- Strong fork pockets
- Single-point lift bail
- 110% containment frame
- Camlock electrical connections and discharge safely spaced from operator helps increase worker safety

ALL THE AIR YOU NEED. NONE YOU DON'T.

SULLAIR ELECTRONIC SPIRAL VALVE TECHNOLOGY

The Sullair E1035H features Electronic Spiral Valve Technology. This technology helps with efficiency and versatile operation by matching compressor displacement to demand. The increased ability to control air output—especially in varying load conditions—provides up to 60% turndown.

Electronic Spiral Valve helps manage compressed air production to account for varying conditions. Closely matching air produced to air needed helps save energy and the expenses associated with electricity usage.

VARIABLE CAPACITY AIR END

The 26-Series Sullair Air End is a variable capacity air end equipped with specially engineered openings (bypass ports) along the length of the air end casting. Compression volume is varied to suit air demand by progressively opening or closing these bypass ports by means of a rotating spiral valve.

- Closed bypass ports mean 100% of air capacity is compressed
- As the bypass ports open, less air is compressed

E1035H VARIABLE CAPACITY PERFORMANCE		
Input Power *kW*	**Capacity** *cfm (m^3/min)*	**Specific Power** *kW/100 cfm (kW/m^3/min)*
217	1035 (29.3)	21 (7.4)
188	816 (23.1)	23 (8.1)
178	714 (20.2)	25 (8.8)
165	553 (15.7)	30 (10.5)
144	438 (12.4)	33 (11.6)

SULLAIR SPIRAL VALVE EXPERTISE

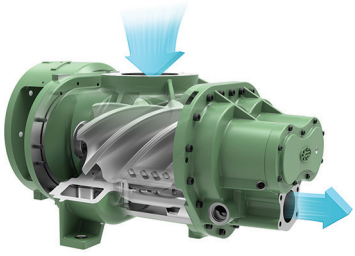
30 YEARS INDUSTRIAL SPIRAL VALVE EXPERIENCE

15 YEARS SPIRAL VALVE EXPERIENCE IN PORTABLE COMPRESSOR APPLICATIONS

5+ YEARS ELECTRONIC SPIRAL VALVE EXPERIENCE

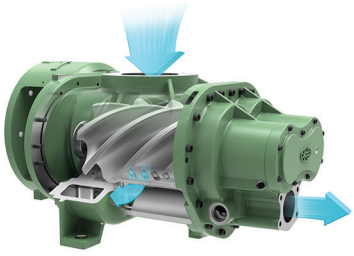
CLOSED BYPASS PORTS

When the bypass ports are closed, the full compression chamber is used.



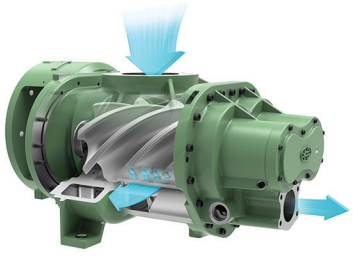
PARTIALLY OPEN BYPASS PORTS

With the bypass ports partially open, the compression chamber is shortened. Less intake air is fully compressed, saving energy.



OPEN BYPASS PORTS

Fully open bypass ports further shorten the compression chamber, providing maximum turndown.



PRODUCT INFORMATION

FOR MORE INFORMATION, CONTACT YOUR LOCAL SULLAIR AUTHORIZED DISTRIBUTOR.

E1035H SERIES - 250 hp/60 Hz	
PERFORMANCE	
Delivery at Full Load Pressure *cfm (m^3/min)*	1035 (29.3)
Full Load Pressure *psi (bar)*	150 (10.3)
Power at Full Load Pressure *hp (kW)*	270 (217)
Gear Ratio	1.04
Sound Level (U.S. EPA) *dBA @ 7 meters*	78
Ambient Temp Rating *°F (°C)*	5 to 115 (-20 to 46)
Package Amps	357
COOLING AIR FLOWS	
Air Flow Air Cooled Fan *cfm (m^3/min)*	20,000 (566.5)
Air Cooled Fan Motor *hp (kW)*	12 (8.9)
Air Cooled Fan Motor Nominal Efficiency	92%
AIR/FLUID HOUSING	
Fluid Fill Capacity *gal (l)*	21 (79.5)
EPQ PACKAGE	
Length *in (mm)*	189 (4801)
Width *in (mm)*	84 (2134)
Height *in (mm)*	97 (2464)
Weight *lbs (kg)*	10,500 (4763)
ELQ PACKAGE	
Length *in (mm)*	141 (3582)
Width *in (mm)*	84 (2134)
Height *in (mm)*	86 (2185)
Weight *lbs (kg)*	9820 (4455)
PACKAGE CONNECTION SIZES	
Discharge Connections *in NPT*	3
Moisture Drain Connection *in NPT*	1/2
Electrical Connection	4/0 CAMLOCK
MAIN MOTOR	
Motor Power Rating *hp (kW)*	250 (186.4)
Voltage	460
Motor Nominal Efficiency	96%
Nominal *rpm*	1787
Service Factor	1.15
Nameplate Amps	291
Locked Rotor Amps	2474
STARTER	
Starter Type	Solid State Reduced Voltage
Starter Size Amp Rating	361
Short Circuit Current Rating (SCCR)	65 kA
Electrical Disconnect	Yes
Starter Enclosure	NEMA 4
Max. Inrush Amps	1200

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