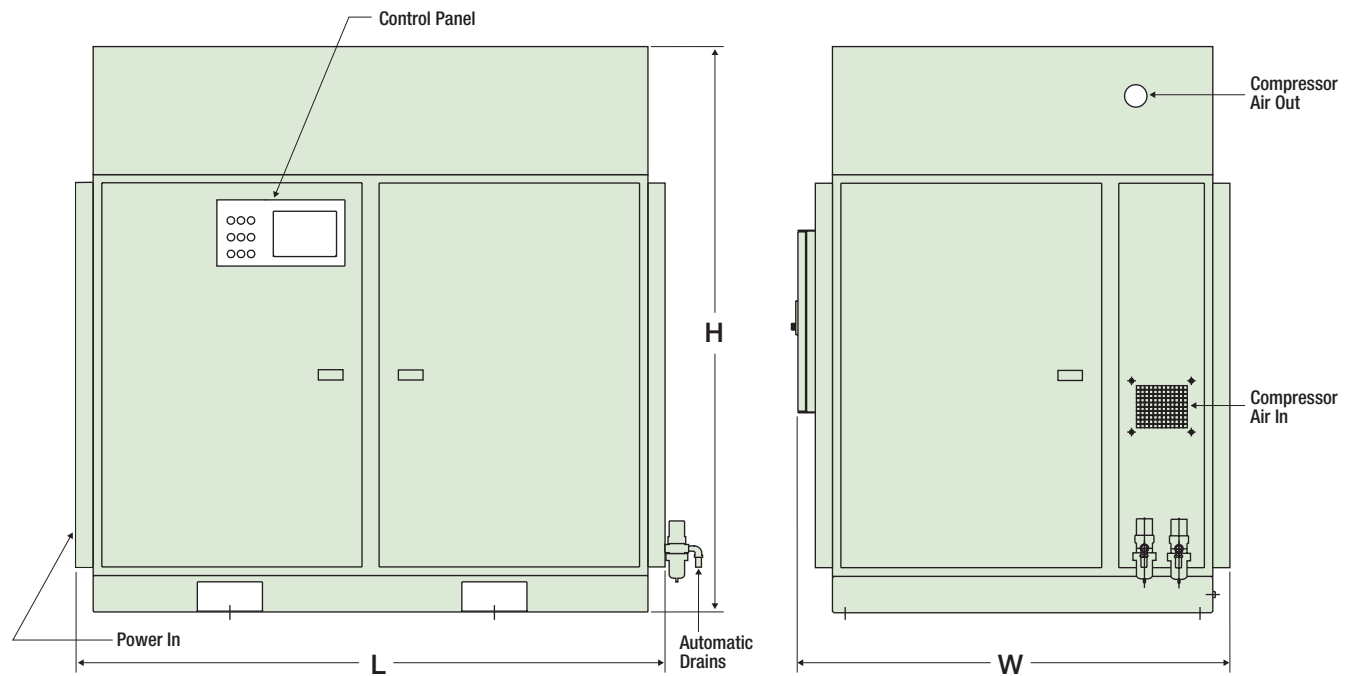


**S-SERIES
AIR-COOLED* SINGLE-STAGE**

Dimensions and Specifications *Typical, do not use for construction. (Drawings are provided with order acknowledgement.)*

Model	Motor HP	Max. Pressure PSIG	Free Air** Delivery CFM	Length In.	Width In.	Height In.	Net Weight Lbs.
KNWA0-AS	30	35	178	69	49	66	3470
KNWA0-BS	40	35	228	69	49	66	3540
KNWA0-CS	50	35	298	69	49	66	3680
KNWA0-DS	60	35	338	69	49	66	3710
KNWA1-AS	60	35	421	100	63	74	5320
KNWA1-BS	75	35	511	100	63	74	5670
KNWA1-CS	75	35	540	100	63	74	5670
KNWA1-DS	100	35	626	100	63	74	5920
KNWA1-ES	100	35	661	100	63	74	5920
KNWA1-FS	100	35	736	100	63	74	6160
KNWA2-AS	125	35	921	124	75	110	9600
KNWA2-BS	150	35	1108	124	75	110	9800
KNWA2-CS	200	35	1322	124	75	110	10600
KNWA2-DS	200	35	1565	124	75	110	11200



*For water-cooled requirements, refer to Bulletin KNWS

**Capacity at 35 PSIG

Standard Equipment and Safety Devices

Controls and Instrumentation

Service Indicators

- Air inlet filter condition indicator
- Oil filter condition indicator
- Oil level gauge
- Routine maintenance

Pressure Indicators

- First stage air discharge pressure
- Second stage air discharge pressure
- Oil pressure

Temperature Indicators

- First stage air discharge
- Second stage air inlet
- Second stage air discharge
- Lube oil
- Compressor discharge temperature

Additional Indicators

- Stand-by mode light
- Oil pump run light
- Fan run light
- Compressor run light
- Compressor load light
- Alarm light
- Hour meter – running time
- Hour meter – loaded time
- Manual unload light and switch
- Pre alarms
- HMI display

Safety Devices

All safety shutdowns, indicated by message on display and alarm light

- Compressor motor overload shutdown light
- Oil pump motor overload shutdown light
- Fan motor overload shutdown light
- High first stage air discharge temperature shutdown and light
- High second stage suction temperature shutdown and light
- High second stage air discharge temperature shutdown and light
- High oil temperature shutdown and light
- Low oil pressure shutdown and light

- High cabinet temperature shutdown and light
- Starter failure light
- Temperature pre-shutdown alarms
- Compressor discharge temperature shutdown and alarm


Additional Devices

- Start/stop push buttons
- Lamp test
- Audible alarm
- Acknowledge switch
- Reset switch
- Common alarm contacts for remote indication
- Event alarm log
- Motor driven oil pump



Additional Features

Packaged Assembly

- Air-cooled or water cooled
- Integral air-cooled or watercooled aftercooler with moisture separator and automatic drain
- Cabinet ventilating fan
- Easy access for maintenance
- Removable doors
- Low installation cost
- Few connections required for installation – compressed air, condensate drains, electrical and water (when required)
- Solid State motor starter (460 volt standard)
- C/US certified panel 

Advanced Design

- Super Rotor delivers more cfm per horsepower
- Patent numbers 4583927 & 4671749
- Stainless Steel Rotors

Efficient Control

- Load/unload electro-pneumatic
- Low unload horsepower

Healthcare Facility Option

- No vibration generated in rotary design
- No special foundation required
- Variable frequency drive available
- Approved by NFPA for use as Medical Air compressor

Standard and optional equipment subject to change without notice.



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