

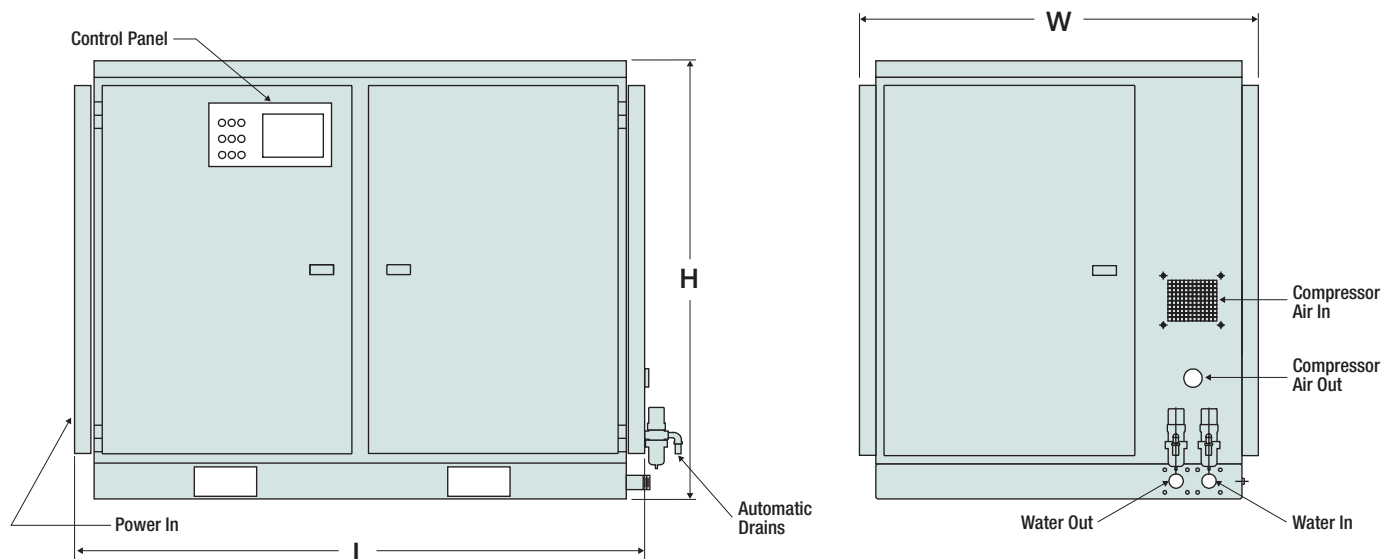
**S-SERIES
 WATER-COOLED* SINGLE-STAGE**

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.
KNW0-A/S	30	35	178	69	49	53	3420
KNW0-B/S	40	35	228	69	49	53	3490
KNW0-C/S	50	35	298	69	49	53	3630
KNW0-D/S	60	35	338	69	49	53	3660
KNW1-A/S	60	35	421	83	62	60	5270
KNW1-B/S	75	35	511	83	62	60	5620
KNW1-C/S	75	35	540	83	62	60	5620
KNW1-D/S	100	35	626	83	62	60	5870
KNW1-E/S	100	35	661	83	62	60	5870
KNW1-F/S	100	35	736	83	62	60	5910
KNW2-A/S	125	35	921	124	74	72	8820
KNW2-B/S	150	35	1108	124	74	72	8860
KNW2-C/S	200	35	1322	124	74	72	9110
KNW2-D/S	200	35	1565	124	74	72	9880

*For air-cooled requirements, refer to Bulletin KNWA/S

**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

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
- Internet options
- Color monitor options

Additional Features

Packaged Assembly

- Air-cooled or water cooled
- Integral air-cooled or water-cooled 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)
- Wye Delta motor starter (460 volt standard)
- CSA certified panel 

Advanced Design

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

Efficient Control

- Load/unload electro-pneumatic
- Low unload horsepower

Vibration Free

- No vibration generated in rotary design
- No special foundation required
- Variable frequency drive available
- Energy saving heat of compression dryer available

Standard and optional equipment subject to change without notice.

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