

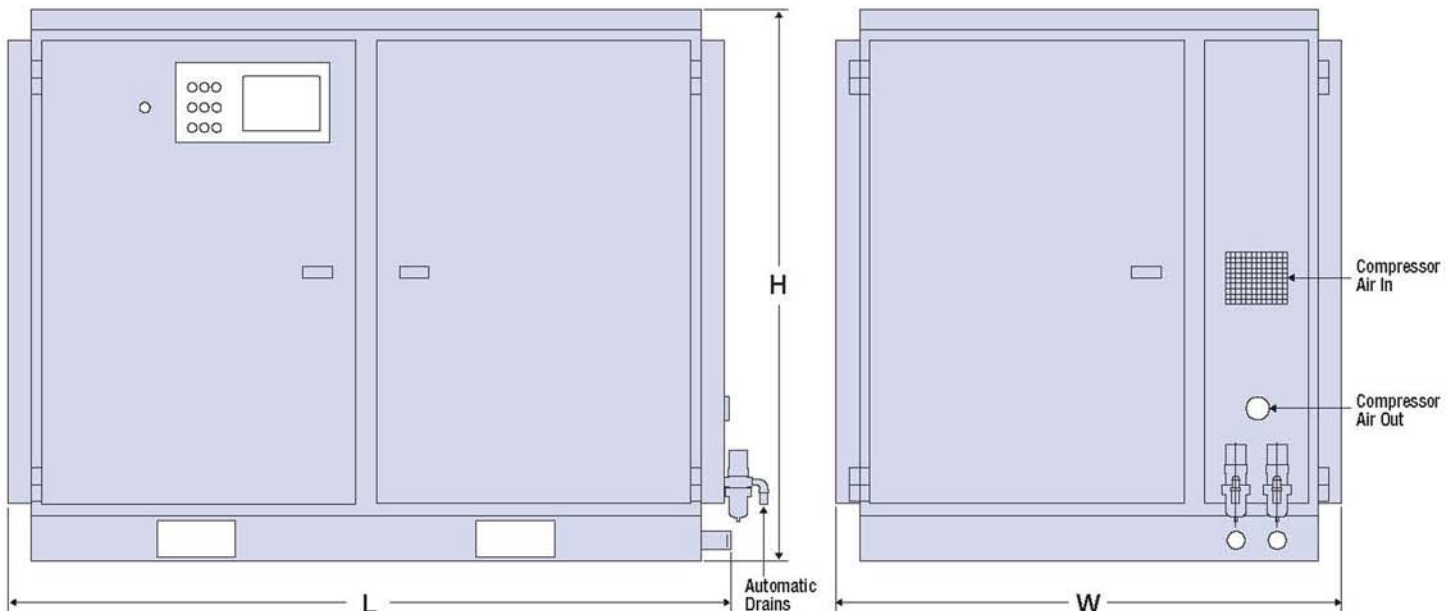
## H-SERIES WATER-COOLED\* TWO-STAGE

**60 HZ**

**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.
KNW00-A/H	25	125	72	85	36	61	2190
KNW00-B/H	30	125	91	85	36	61	2320
KNW00-C/H	40	125	122	85	36	61	2410
KNW00-D/H	50	125	162	85	36	61	2540
KNW00-E/H	60	125	201	85	36	61	2600
KNW0-A/H	50	150	172	70	49	54	3050
KNW0-B/H	60	150	223	70	49	54	3200
KNW0-C/H	75	150	292	70	49	54	3250
KNW0-D/H	100	135	331	70	49	54	3330
KNW1-A/H	100	150	413	100	63	60	5180
KNW1-B/H	125	150	504	100	63	60	5370
KNW1-C/H	125	150	534	100	63	60	5390
KNW1-D/H	150	150	618	100	63	60	5720
KNW1-E/H	150	150	653	100	63	60	5740
KNW1-F/H	200	135	728	100	63	60	5960
KNW1-G/H	200	135	812	100	63	60	6040
KNW2-A/H	200	150	908	124	75	72	9420
KNW2-B/H	250	150	1096	124	75	72	9670
KNW2-C/H	300	150	1310	124	75	72	10350
KNW2-D/H	350	150	1552	124	75	72	10930
KNW3-A/H	400	135	1765	139	82	92	12970
KNW3-B/H	450	135	1936	139	82	92	13260
KNW3-C/H	500	135	2155	139	82	92	13640

For air cooled requirements, refer to Bulletin KNWA/L & KNWA/H



## 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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