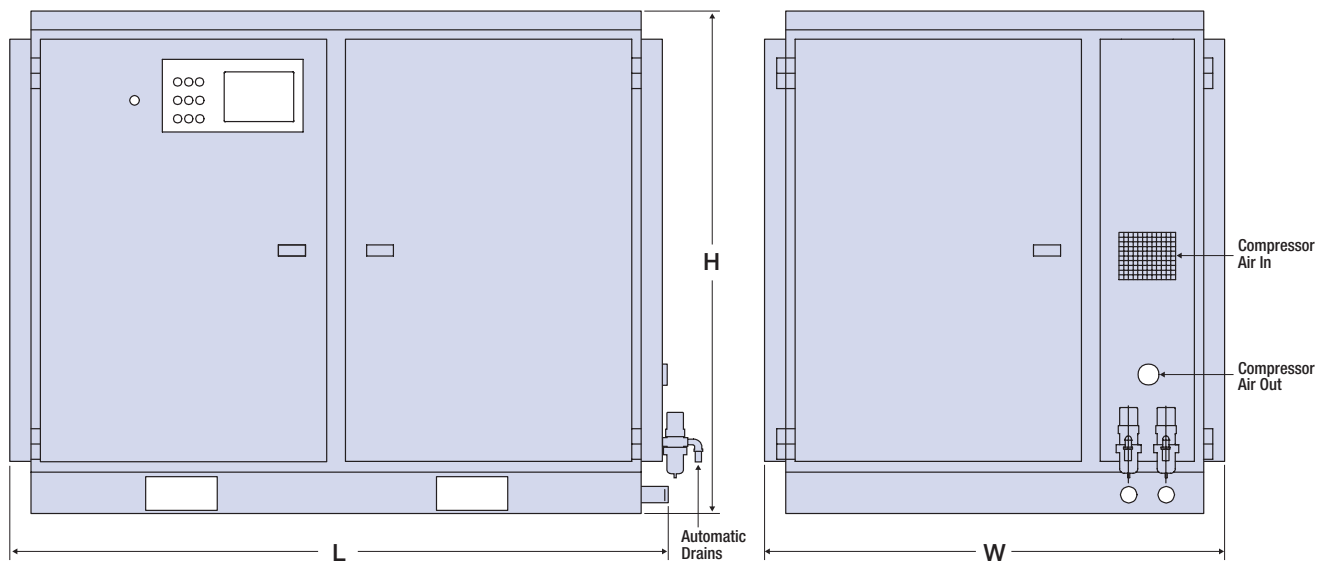


**H-SERIES - Fixed Speed
WATER-COOLED* TWO-STAGE**

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-AH	25	125	72	85	36	61	2190
KNW00-BH	30	125	91	85	36	61	2320
KNW00-CH	40	125	122	85	36	61	2410
KNW00-DH	50	125	162	85	36	61	2540
KNW0-AH	50	150	172	70	49	54	3050
KNW0-BH	60	150	223	70	49	54	3200
KNW0-CH	75	150	292	70	49	54	3250
KNW0-DH	100	135	331	70	49	54	3330
KNW0-EH	100	135	400	70	49	54	3330
KNW1-AH	100	150	413	100	63	60	5180
KNW1-BH	125	150	504	100	63	60	5370
KNW1-CH	125	150	534	100	63	60	5390
KNW1-DH	150	150	618	100	63	60	5720
KNW1-EH	150	150	653	100	63	60	5740
KNW1-FH	200	135	728	100	63	60	5960
KNW1-GH	200	135	812	100	63	60	6040
KNW2-AH	200	150	908	124	75	72	9420
KNW2-BH	250	150	1096	124	75	72	9670
KNW2-CH	300	150	1310	124	75	72	10350
KNW2-DH	350	150	1552	124	75	72	10930
KNW3-AH	400	135	1765	139	82	92	12970
KNW3-BH	450	135	1936	139	82	92	13260
KNW3-CH	500	135	2155	139	82	92	13640



*For air-cooled requirements, refer to Bulletin KNWAL & KNWAH

**Operation at max pressure may require larger motor

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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