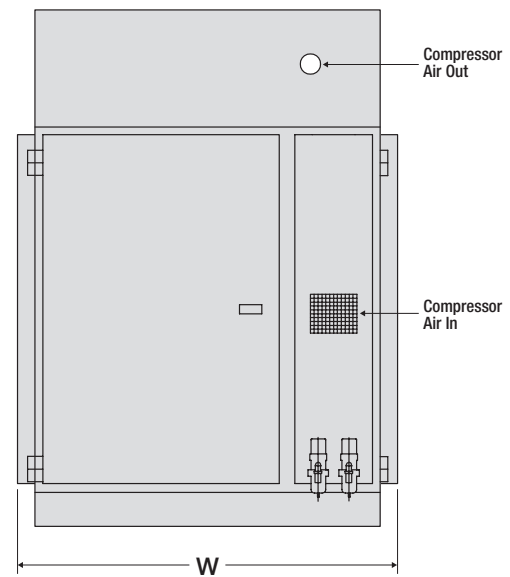
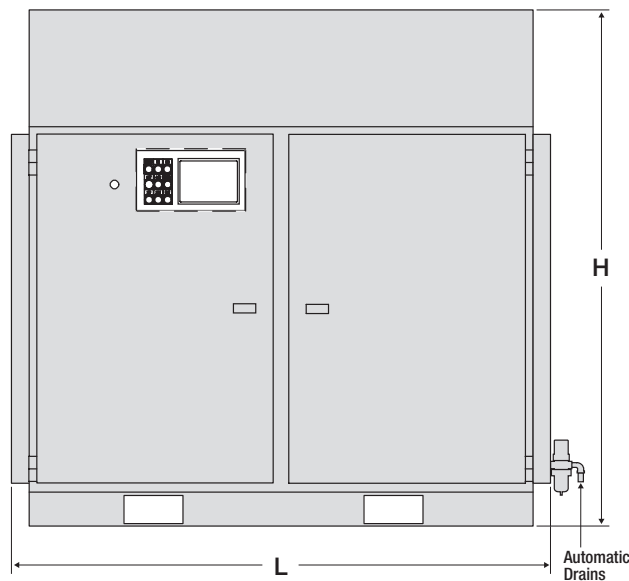


**H-SERIES - Fixed Speed
AIR-COOLED* TWO-STAGE**

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.
KNWA00-AH	25	125	72	85	36	68	2260
KNWA00-BH	30	125	91	85	36	68	2390
KNWA00-CH	40	125	122	85	36	68	2480
KNWA00-DH	50	125	162	85	36	68	2610
KNWA0-AH	50	150	172	69	50	67	3670
KNWA0-BH	60	150	223	69	50	67	3740
KNWA0-CH	75	150	292	69	50	67	3880
KNWA0-DH	100	135	331	69	50	67	3910
KNWA0-EH	100	135	400	69	50	67	3990
KNWA1-AH	100	150	413	100	63	74	5620
KNWA1-BH	125	150	504	100	63	74	5970
KNWA1-CH	125	150	534	100	63	74	5970
KNWA1-DH	150	150	618	100	63	74	6220
KNWA1-EH	150	150	653	100	63	74	6220
KNWA1-FH	200	135	728	100	63	74	6460
KNWA1-GH	200	135	812	100	63	74	6460
KNWA2-AH	200	150	908	124	75	110	10000
KNWA2-BH	250	150	1096	124	75	110	10200
KNWA2-CH	300	150	1310	124	75	110	11000
KNWA2-DH	350	150	1552	124	75	110	11600



*For water-cooled requirements, refer to Bulletin KNWL & KNWH
**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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