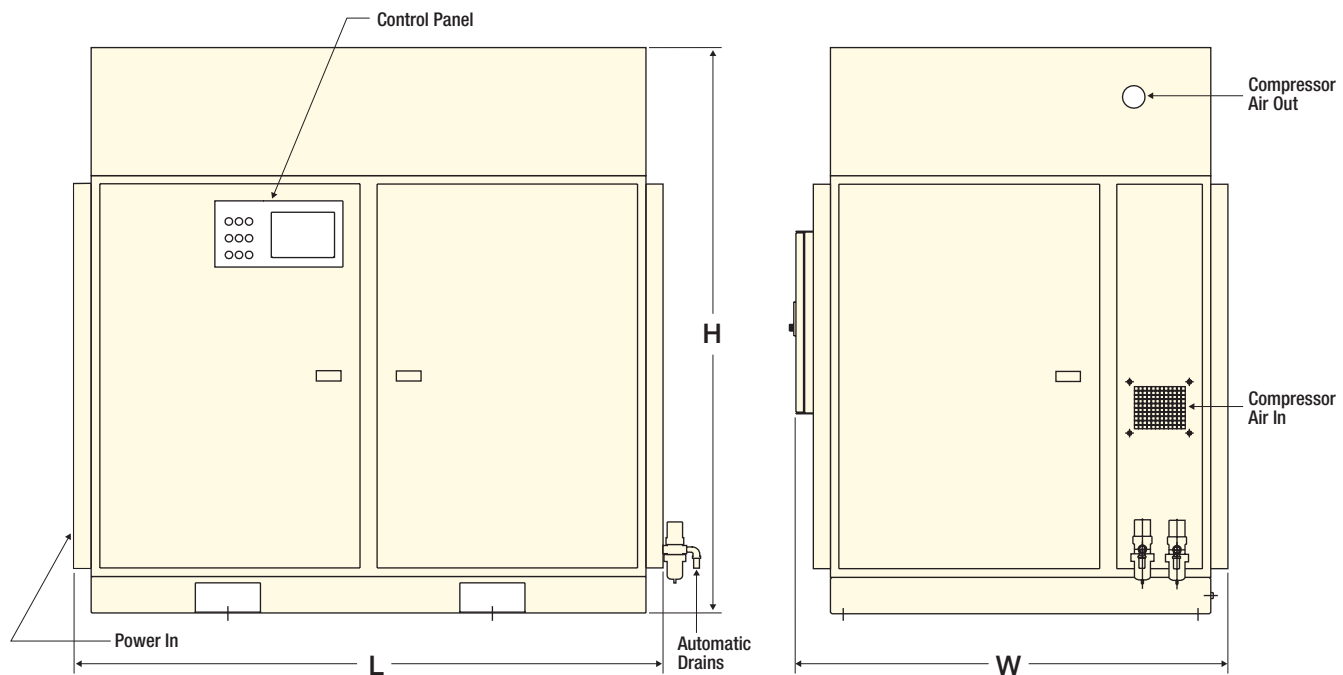


H-SERIES
AIR-COOLED* TWO-STAGE

50 HZ

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

| Model | Motor | | Max. Pressure Kg/cm ² | Free Air** Delivery m ³ H | Length mm | Width mm | Height mm | Net Weight Kg |
|-------------|-------|------|-------------------------------------|--|--------------|-------------|--------------|------------------|
| | HP | (Kw) | | | | | | |
| KNWA00-B50H | 30 | 22 | 8.7 | 124 | 1701 | 1016 | 1524 | 1070 |
| KNWA00-D50H | 50 | 37 | 8.7 | 210 | 1701 | 1016 | 1524 | 1084 |
| KNWA00-E50H | 60 | 45 | 8.7 | 280 | 1701 | 1016 | 1524 | 1202 |
| KNWA0-A50H | 50 | 37 | 9.4 | 281 | 1752 | 1244 | 1676 | 1664 |
| KNWA0-B50H | 60 | 45 | 9.4 | 377 | 1752 | 1244 | 1676 | 1696 |
| KNWA0-C50H | 75 | 55 | 9.4 | 457 | 1752 | 1244 | 1676 | 1759 |
| KNWA0-D50H | 100 | 75 | 9.4 | 535 | 1752 | 1244 | 1676 | 1773 |
| KNWA1-A50H | 100 | 75 | 10.5 | 662 | 2540 | 1600 | 1879 | 2549 |
| KNWA1-B50H | 125 | 93 | 10.5 | 735 | 2540 | 1600 | 1879 | 2707 |
| KNWA1-C50H | 125 | 93 | 10.5 | 827 | 2540 | 1600 | 1879 | 2707 |
| KNWA1-D50H | 150 | 112 | 10.5 | 896 | 2540 | 1600 | 1879 | 2821 |
| KNWA1-E50H | 150 | 112 | 10.5 | 985 | 2540 | 1600 | 1879 | 2821 |
| KNWA1-F50H | 200 | 150 | 9.4 | 1093 | 2540 | 1600 | 1879 | 2930 |
| KNWA1-G50H | 200 | 150 | 9.4 | 1229 | 2540 | 1600 | 1879 | 2930 |
| KNWA2-A50H | 200 | 150 | 10.5 | 1455 | 3149 | 1905 | 2794 | 4536 |
| KNWA2-B50H | 250 | 186 | 10.5 | 1748 | 3149 | 1905 | 2794 | 4626 |
| KNWA2-C50H | 300 | 223 | 10.5 | 2078 | 3149 | 1905 | 2794 | 4989 |
| KNWA2-D50H | 350 | 261 | 9.4 | 2567 | 3149 | 1905 | 2794 | 5261 |



*For water-cooled requirements, refer to Bulletin KNW50H

**Capacity at 8.7 Kg/cm²

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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