

H - SERIES

AIR-COOLED* TWO-STAGE

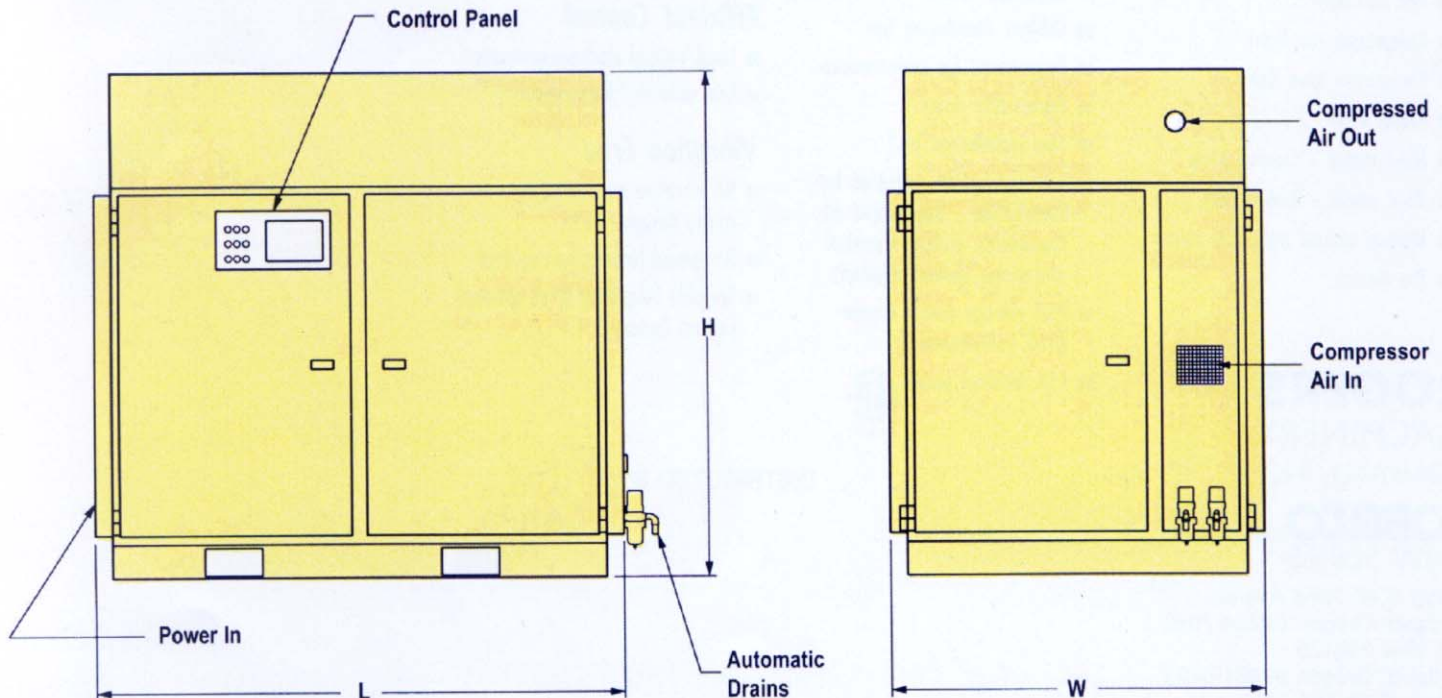
50 HZ

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

Model	Motor HP	Motor (Kw)	Max. Pressure Kg/cm ²	Free Air ** Delivery m ³ /h	Length mm	Width mm	Height mm	Net Weight Kg
KNWAOO-B50/H	30	22	8.7	154	1701	1016	1524	1070
KNWAOO-D50/H	50	37	8.7	210	1701	1016	1524	1084
KNWAOO-E50/H	60	45	8.7	280	1701	1016	1524	1202
KNWAO-A50/H	50	37	9.4	281	1752	1244	1676	1664
KNWAO-B50/H	60	45	9.4	377	1752	1244	1676	1696
KNWAO-C50/H	75	55	9.4	457	1752	1244	1676	1759
KNWAO-D50/H	100	75	9.4	535	1752	1244	1676	1773
KNWA1-A50/H	100	75	10.5	662	2540	1600	1879	2549
KNWA1-B50/H	125	93	10.5	735	2540	1600	1879	2707
KNWA1-C50/H	125	93	10.5	827	2540	1600	1879	2707
KNWA1-D50/H	150	112	10.5	896	2540	1600	1879	2821
KNWA1-E50/H	150	112	10.5	985	2540	1600	1879	2821
KNWA1-F50/H	200	150	9.4	1093	2540	1600	1879	2930
KNWA1-G50/H	200	150	9.4	1229	2540	1600	1879	2930
KNWA2-A50/H	200	150	10.5	1455	3149	1905	2794	4536
KNWA2-B50/H	250	186	10.5	1748	3149	1905	2794	4626
KNWA2-C50/H	300	223	10.5	2078	3149	1905	2794	4989
KNWA2-D50/H	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

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)
- Full voltage 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 unloaded horsepower

Vibration Free

- No vibration generated in rotary design
 - No special foundation required
 - Variable frequency drive optional
- Contact factory

Standard and optional equipment subject to change without notice.

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