

H-SERIES WATER-COOLED* TWO-STAGE

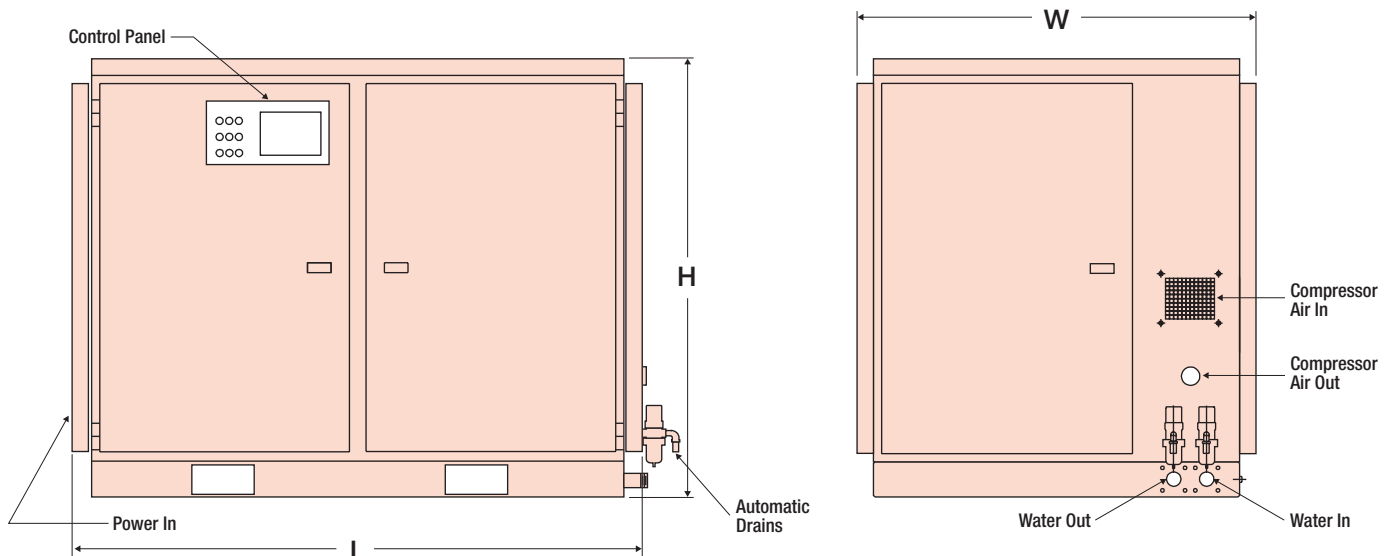
50 HZ

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

Model	Motor		Max. Pressure	Free Air**	Length	Width	Height	Net Weight
	HP	(Kw)	Kg/cm ²	m ³ /h	mm	mm	mm	Kg
KNW00-B50/H	30	22	8.7	154	1701	1016	1524	1070
KNW00-D50/H	50	37	8.7	210	1701	1016	1524	1084
KNW00-E50/H	60	45	8.7	280	1701	1016	1524	1088
KNW0-A50/H	60	37	9.4	281	1752	1244	1346	1383
KNW0-B50/H	75	45	9.4	377	1752	1244	1346	1451
KNW0-C50/H	75	55	9.4	457	1752	1244	1346	1474
KNW0-D50/H	100	75	9.4	535	1752	1244	1346	1510
KNW1-A50/H	100	75	10.5	662	2108	1574	1524	2349
KNW1-B50/H	125	93	10.5	735	2108	1574	1524	2435
KNW1-C50/H	125	93	10.5	827	2108	1574	1524	2444
KNW1-D50/H	150	112	10.5	896	2108	1574	1524	2594
KNW1-E50/H	150	112	10.5	985	2108	1574	1524	2603
KNW1-F50/H	200	150	9.4	1093	2108	1574	1524	2703
KNW1-G50/H	200	150	9.4	1229	2108	1574	1524	2739
KNW2-A50/H	200	150	10.5	1455	3149	1905	1828	4272
KNW2-B50/H	250	186	10.5	1748	3149	1905	1828	4386
KNW2-C50/H	300	223	10.5	2078	3149	1905	1828	4694
KNW2-D50/H	350	261	9.4	2567	3149	1905	1828	4957
KNW3-A50/H	400	298	9.4	2894	3530	2082	2336	5883
KNW3-B50/H	450	335	9.4	3202	3530	2082	2336	6014
KNW3-C50/H	500	373	9.4	3572	3530	2082	2336	6187

*For air-cooled requirements, refer to Bulletin KNWA50/H

**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)
- 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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