

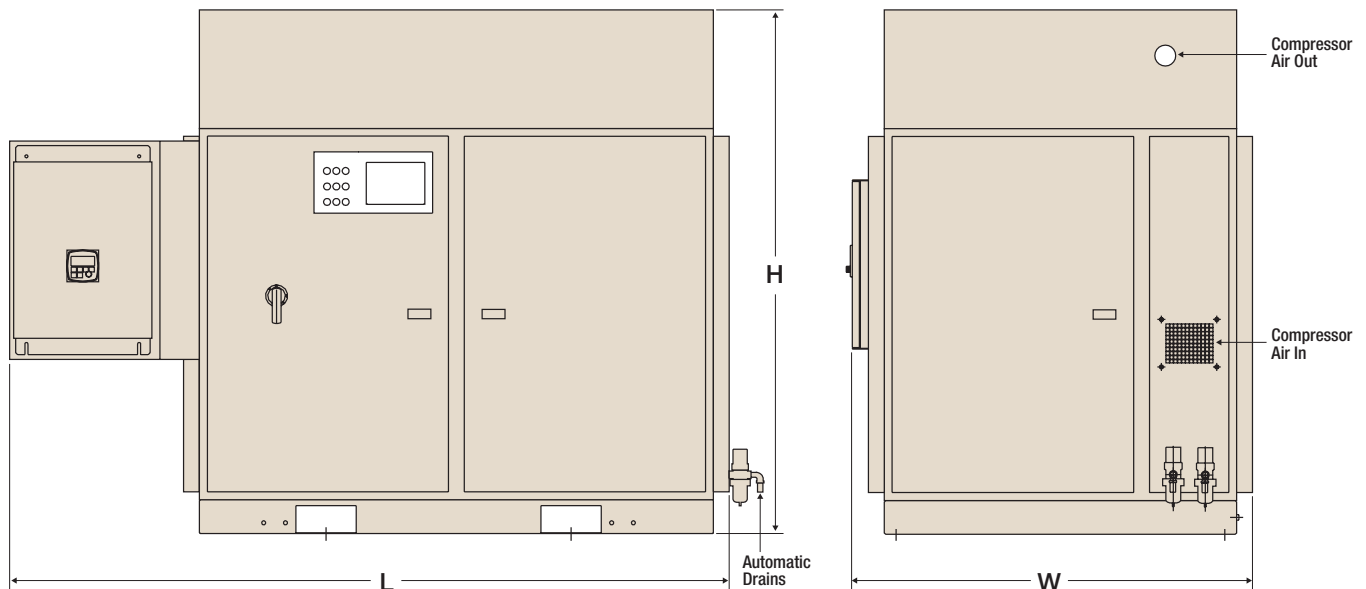
L-SERIES - Variable Frequency Drive AIR-COOLED* TWO-STAGE

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-A/XL	25	100	60-75	85	36	68	2515
KNWA00-B/XL	30	100	60-95	85	36	68	2535
KNWA00-C/XL	40	110	100-127	85	36	68	2545
KNWA00-D/XL	50	100	100-167	85	36	68	2555
KNWA0-A/XL	50	100	110-172	93	49	66	3970
KNWA0-B/XL	60	100	110-223	93	49	66	4065
KNWA0-C/XL	75	100	110-292	93	49	66	4205
KNWA0-D/XL	100	135	110-331	93	49	66	4235
KNWA0-E/XL	125	135	110-400	93	49	66	4300
KNWA1-A/XL	100	125	230-413	136	63	74	6045
KNWA1-B/XL	125	125	230-504	136	63	74	6395
KNWA1-C/XL	125	120	230-534	136	63	74	6395
KNWA1-D/XL	150	125	230-618	136	63	74	6820
KNWA1-E/XL	150	115	230-653	136	63	74	6820
KNWA1-F/XL	200	135	230-728	136	63	74	6820
KNWA1-G/XL	200	125	230-818	136	63	74	6970
KNWA2-A/XL	200	110	560-915	160	75	110	10525
KNWA2-B/XL	250	125	560-1102	CF	CF	CF	10725
KNWA2-C/XL	300	125	560-1316	CF	CF	CF	11575
KNWA2-D/XL	350	115	560-1559	CF	CF	CF	12175

*For water-cooled requirements, refer to Bulletin KNW/XL VFD

**Capacity at 100 PSIG



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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