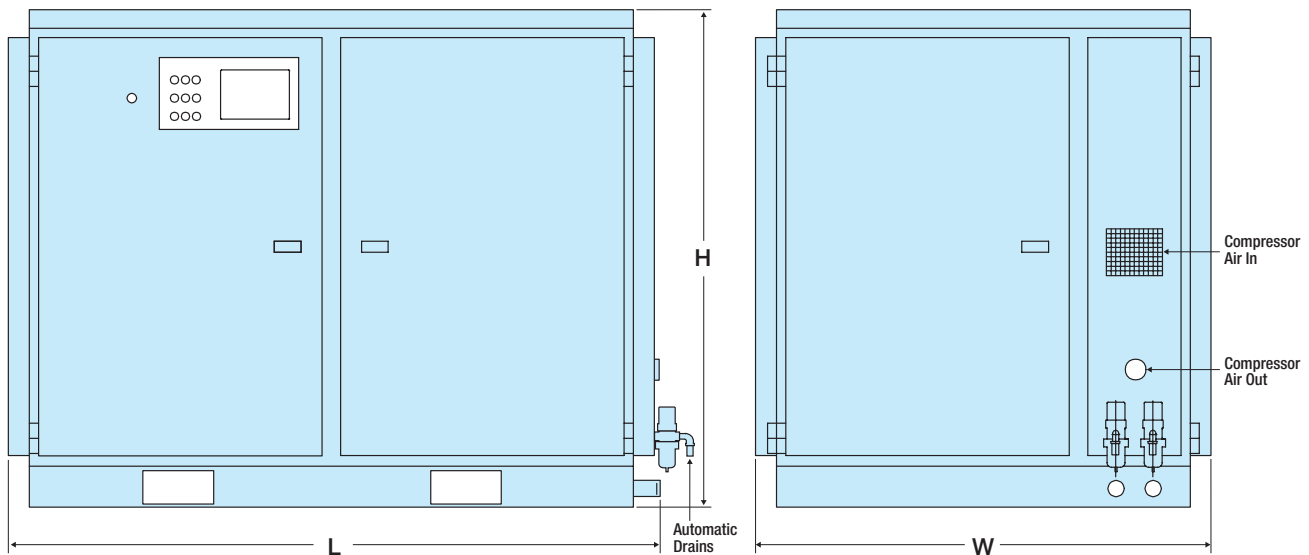


**L-SERIES - Fixed Speed
WATER-COOLED* TWO-STAGE**

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.
KNW00-AL	20	100	73	85	36	61	2190
KNW00-BL	25	100	93	85	36	61	2320
KNW00-CL	30	100	125	85	36	61	2410
KNW00-DL	40	100	165	85	36	61	2540
KNW0-AL	40	100	175	70	49	54	3670
KNW0-BL	50	100	225	70	49	54	3740
KNW0-CL	60	100	294	70	49	54	3800
KNW0-DL	75	110	333	70	49	54	3910
KNW0-EL	100	135	400	70	49	54	4100
KNW1-AL	100	125	417	100	63	60	5620
KNW1-BL	100	110	508	100	63	60	5970
KNW1-CL	100	100	537	100	63	60	5970
KNW1-DL	125	110	622	100	63	60	6220
KNW1-EL	125	110	657	100	63	60	6220
KNW1-FL	150	115	732	100	63	60	6460
KNW1-GL	200	125	815	100	63	60	6040
KNW2-AL	200	125	915	124	75	72	10000
KNW2-BL	200	100	1102	124	75	72	10200
KNW2-CL	250	110	1316	124	75	72	11000
KNW2-DL	300	110	1559	124	75	72	11600
KNW3-AL	350	110	1782	139	82	92	12050
KNW3-BL	400	115	1951	139	82	92	12040
KNW3-CL	450	115	2170	139	82	92	12840
KNW3-DL	500	115	2389	139	82	92	13150



*For air-cooled requirements, refer to Bulletin KNWAL & KNWAH

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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