



GENERAL

AIR PRODUCTS

OL Plus Series - Single Phase, **Low Pressure**, Riser Mounted Air Compressors for Dry Pipe Sprinkler Systems

OL Plus Series



This oilless riser mounted air compressor is UL1450 listed for use in sprinkler systems.

- UL1450 listed
- Oil Less Piston Compressor
- UL Listed Pressure Switch
- Bubble tight air check valve
- Permanently lubricated bearings
- Integrated Air Intake Filters
- Fully automatic, direct drive
- Max Pressure: 60 PSI
- 30" Stainless Steel Flex Hose
- Riser Mounting Kit
- **Specifically designed to fill the system to 20 PSI in 30 minutes**
- **Pressure Switch set for 13 PSI on and 18 PSI off**



System Capacity*	Model Number	Average CFM**	Motor HP	Recommended Wire Size +	Dimensions			Weight (lbs)
					L	W	H	
320 gal.	OL32016AC-LP	1.94	1/6	12	16"	12"	12"	30
550 gal.	OL55033AC-LP	3.33	1/3	12	16"	12"	12"	31
860 gal.	OL86050AC-LP	5.21	1/2	12	16"	15"	10"	38
990 gal.	OL99075AC-LP	6.0	3/4	10	17"	15"	10"	48

Accessories:

Motor Line Starters - Thermal Overload Protection

Single Phase

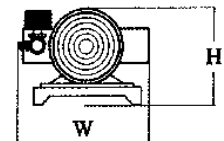
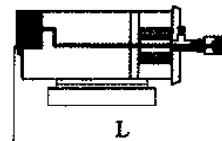
Maximum HP	115V	208/230V	Size	Model
	1/3 HP	1 HP	00	MG00A
	1 HP	2 HP	0	MGX0A
	2 HP	3 HP	1	MG01A
	3 HP	5 HP	1P	MG15A

When Ordering a Motor Starter you must specify HP, Voltage and Phase that is supplied to the motor.

Notes:

- * System Capacity based on 70°F system temperature.
- ** Average CFM is the average free air delivery from 0 to 20 PSIG
- + Recommended Wire Sizes based on 100ft run. consult factory for longer or shorter runs.

VOLTAGE - All Single Phase Units 115 or 208-230 Volt



WARNING: Cancer and Reproductive Harm - www.p65warnings.ca.gov



OL Plus Series - Single Phase, **Low Pressure**, Riser Mounted Air Compressor Electrical Cut Sheet

OL Plus
Series



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Model Number	Nominal HP	Factory Wired Voltage	Amperage (amps)			Recommended Wire Size Based on Run Length (gage)		
			Voltage	FLA	Start Up	25 FT	50 FT	100 FT
OL32016AC-LP	1/6	115	115	5	35	12	12	12
			208	2.3	16.1	12	12	12
			230	2.5	17.5	12	12	12
OL55033AC-LP	1/3	115	115	7.4	51.8	12	12	12
			208	3.5	24.5	12	12	12
			230	3.7	25.9	12	12	12
OL86050AC-LP	1/2	115	115	10	70	12	10	8
			208	4.9	34.3	12	12	12
			230	5	35	12	12	12
OL99075AC-LP	3/4	115	115	11.6	81.2	12	10	6
			208	5	35	12	12	12
			230	5.8	40.6	12	12	12

Note:

Wire sizes are based on maintaining 90% of the nominal voltage at starting amps. Starting amps are assumed to be 6 times the SFA.

Warning:

Failure to consult with a licensed electrical professional can result in serious personal injury or death. Disconnect all power before servicing. Undersized wire between the motor and the power source will limit the starting and load carrying abilities of the motor causing motor overheating and permanent damage to the motor. Wire sizes listed are recommendations only. Consult the National Electric Code (NEC) and any applicable local electrical safety codes. The NEC and GAP recommends a maximum voltage drop of 3%. Install motors and related equipment in accordance with the National Electrical Code (NEC) local electrical safety codes and practices. **It is always the electrician's responsibility to determine and install a wire size that ensures motors can start and run well.**

OL Plus Series - Connection Diagram

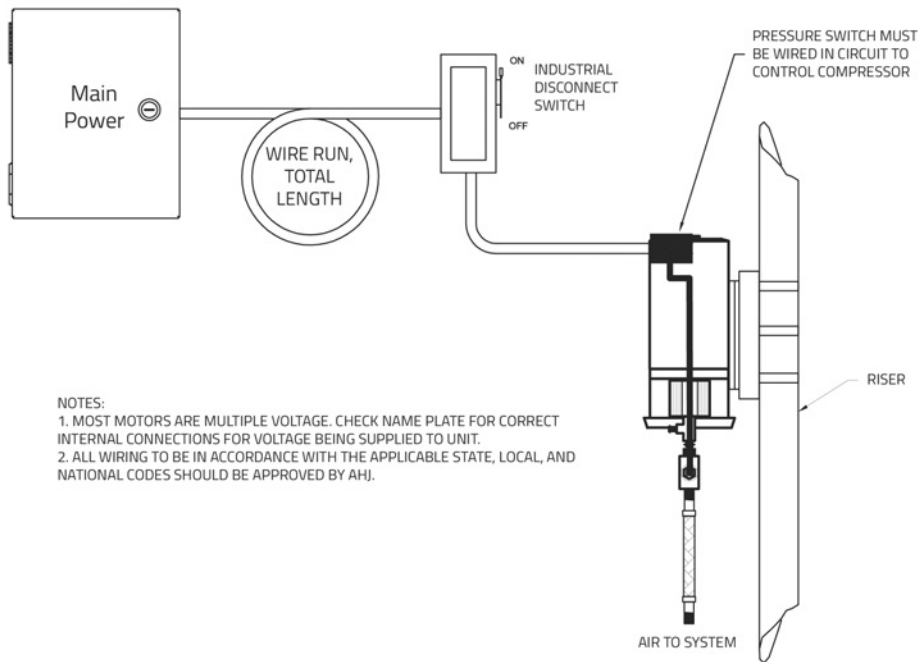
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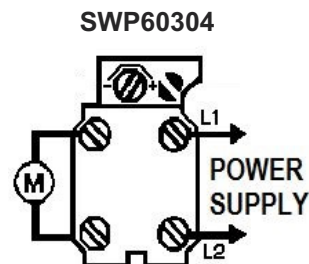
System Layout



Pressure Switch Connection

PRESSURE SWITCH Diagram

Note: Location of pressure switch varies based on model. This is a general diagram of components. For help specific to your switch please contact General Air Products.



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