Electrical specs on page 2

GENERAL AIR PRODUCTS

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

OL Plus Series

This riser mounted air compressor is specifically designed to fill systems to 40 PSI in 30 minutes per NFPA 13

- Oil Less Piston Compressor
- UL Listed Pressure Switch
- Bubble tight air check valve
- Permanently lubricated bearings
- Integrated Air Intake Filters
- **Max Pressure: 100 PSI**
- Fully automatic, direct drive
- Pre-wired and Pre-tested
- 30” Stainless Steel Flex Hose
- Riser Mounting Kit

System Capacity +	Model Number	Average CFM**	Motor HP	Recommended Wire Size ++	Dimensions			Weight (lbs)
					L	W	H	
250 gal.	OL25033AC-HP	3.03	1/3	12	16”	12”	12”	31
365 gal.	OL36575AC-HP	4.43	3/4	12	16”	15”	10”	38
430 gal.	OL430100AC-HP	5.21	1	10	17”	15”	10”	48
550 gal.	OL550100AC-HP*	7.46	1	6	17”	15”	10”	48
915 gal.	OL915150AC-HP*	11.10	1½	6	23”	15”	10”	60
1100 gal.	OL1100200AC-HP*	14.85	2	10	24”	15”	11”	70

Accessories:

Air Maintenance Device - *Part # AMD-1*
The AMD-1 regulates the volume of air being delivered to the sprinkler system by the air compressor.

Per NFPA 13 - An Air Maintenance Device is required on every system unless the air compressor has a capacity less than 5.5 ft3/min at 10 psi.

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:

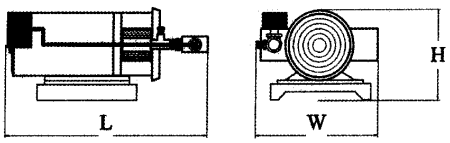
\+ System Capacity based on 70°F system temperature.

** Average CFM is the average free air delivery from 0 to 40 PSIG

++ Recommended Wire Sizes based on 100ft run. consult factory for longer or shorter runs.

* Compressor has a capacity above 5.5 CFM at 10 PSI. Air Maintenence Device required per NFPA 13

VOLTAGE - All Single Phase Units 115 or 208-230 Volt except OL1100200AC-HP which is 208-230 only.



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

OL Plus Series - Single Phase, High 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
OL25033AC-HP	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
OL36575AC-HP	3/4	115	115	10	70	12	10	8
			208	4.9	34.3	12	12	12
			230	5	35	12	12	12
OL430100AC-HP	1	115	115	11.6	81.2	12	10	6
			208	5	35	12	12	12
			230	5.8	40.6	12	12	12
OL550100AC-HP	1	115	115	18	126	12	8	6
			208	7.7	53.9	12	12	12
			230	9	63	12	12	12
OL915150AC-HP	1½	115	115	16.6	116.2	12	8	6
			208	8.2	57.4	12	12	12
			230	8.3	58.1	12	12	12
OL1100200AC-HP	2	208-230	208	11.6	81.2	12	12	10
			230	11	77	12	12	10

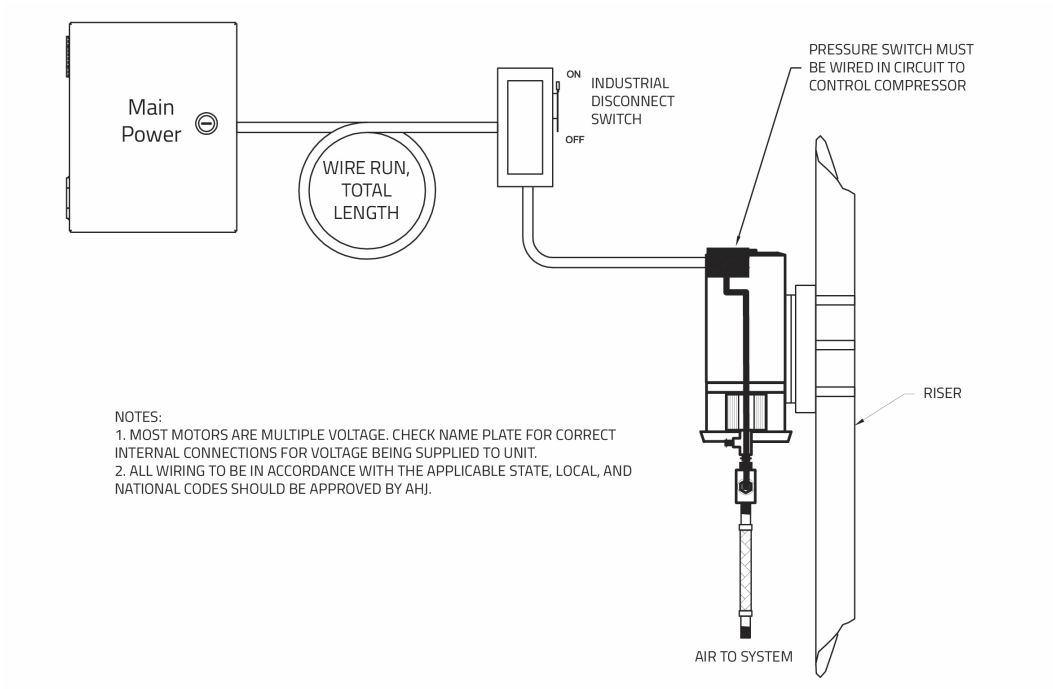
Note:
Wire sizes are based on maintaining 90% of the nominal voltage at starting amps. Starting amps are assumed to be 6 times the SFA.

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

This riser mounted air compressor is specifically designed to fill systems to 40 PSI in 30 minutes per NFPA 13

System Layout



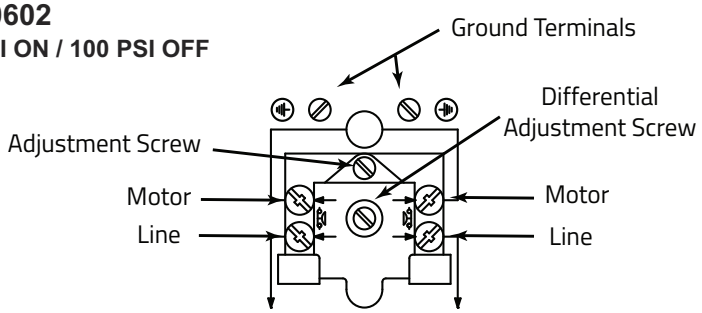
Pressure Switch Connection

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.

SWP60602

Factory Setting: 80 PSI ON / 100 PSI OFF



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