

OIL-LESS RISER MOUNTED AIR COMPRESSOR

General Air's oil-less riser mounted air compressors are fully automatic, virtually maintenance free and are designed to be easily installed on the riser, wall or floor.



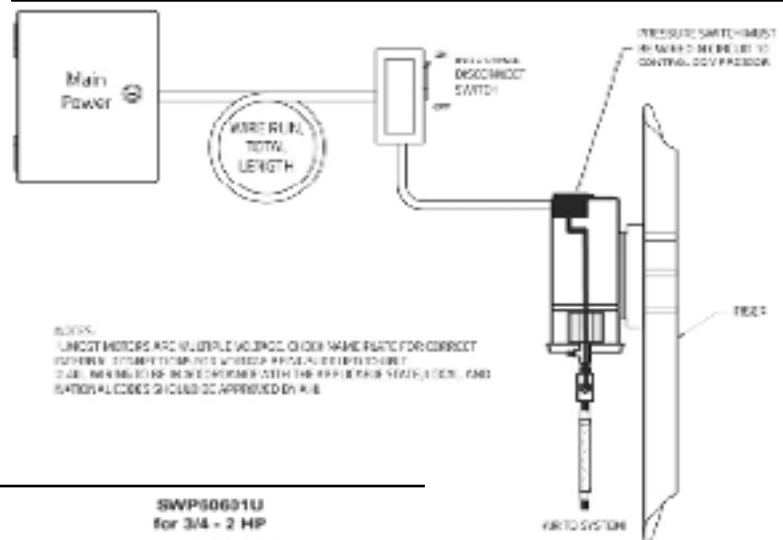
Technical Information:

Item # GOLR50075AC (Model OLR500-A)

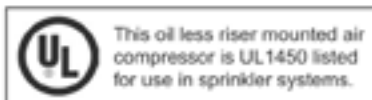
- System Capacity: 500 gallons
- Width: 11"
- Motor 3/4 HP
- Phase Single-phase
- Available Voltage 115 VAC or 208–230 VAC
- FLA @ 115V 9.9 amps
- Starting Current @ 115V 69 amps
- FLA @ 208–230V 5.1 amps
- Starting Current @ 208–230V 36 amps
- Wire – 115V, 25 ft 12 AWG
- Wire – 115V, 50 ft 10 AWG
- Wire – 115V, 100 ft 6 AWG
- Wire – 208–230V 12 AWG for 25, 50 & 100 ft

*Recommended Accessories: Motor Line Starter

System Layout:



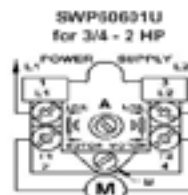
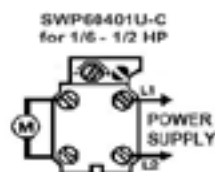
IMPORTANT: 115V version is not simply a 15- or 20-amp load based on running amps. The published starting current is 30 amps, so electrician needs to size the circuit and overcurrent protection appropriately under the NEC and the manufacturer's instructions.



Pressure Switch Connection:

PRESSURE SWITCH Diagram

Note: Location of pressure switch varies based on model. This is a general diagram of components. For help, refer to your current device manual (General Air Products).



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.

System No.		Location		Spec Section		Paragraph	
Submitted By		Date		Approved		Date	