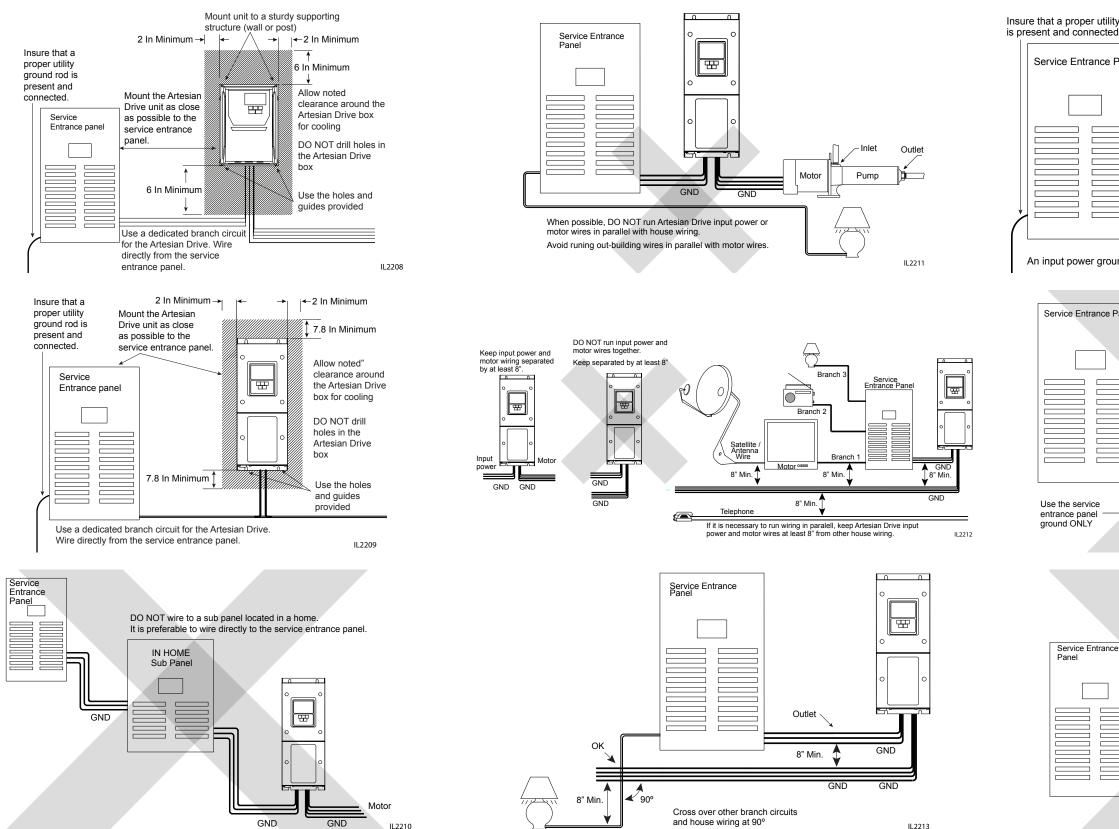
Please read and save these instructions. Read carefully before attempting to assemble, install, operate or maintain the product described. Protect yourself and others by observing all safety information. Failure to comply with instructions could result in personal injury and/or property damage! Retain instructions for future reference.

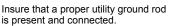
**2. WIRE ROUTING** 

# Antesian Drive<sup>®</sup> Centrifugal Constant Pressure Installation Guide

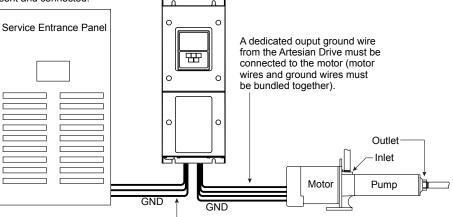




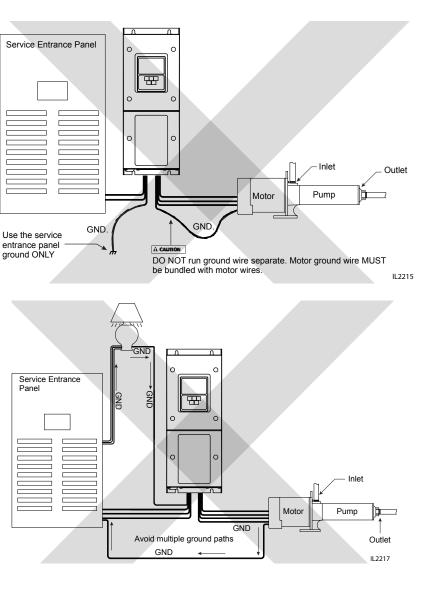
# **3. GROUNDING**



Panel



An input power ground wire from the supply panel must be connected to the Artesian Drive. IL2214





## **POWER AND MOTOR LEADS**

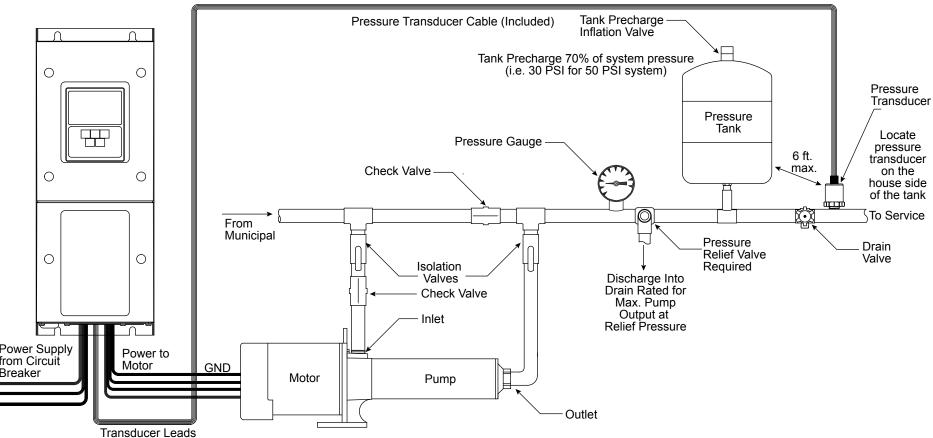
Connect motor supply leads to terminals U, V & W. Connect power leads to terminals L1 & L2 for single phase input, or terminals L1, L2 & L3 for three phase input drives. For correct rotation on submersible motors the drop cable should be wired, the Red (terminal U), Black (terminal V) & Yellow (terminal W).

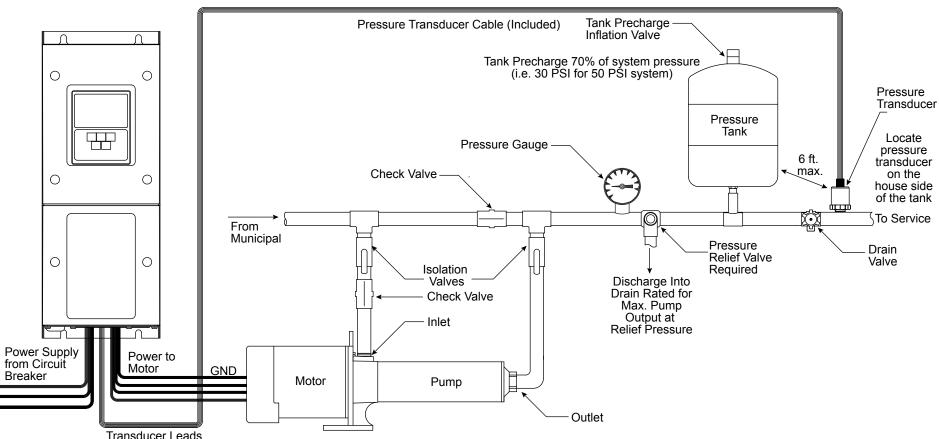
# 5. PLUMBING

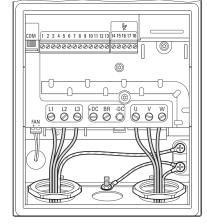
#### MINIMUM PRESSURE TANK

Rated Pump Flow	Pressure Tank Size (Total Volume)
Pump Capacity less than 12 GPM	4 Gallon (AT15)
Pump Capacity greater than 12 but less than 25 GPM	8 Gallon (AT25)
Pump Capacity greater than 25 GPM	14 Gallon (AT44)

The pressure tank pre-charge setting should be 70% of the system pressure sensor setting.

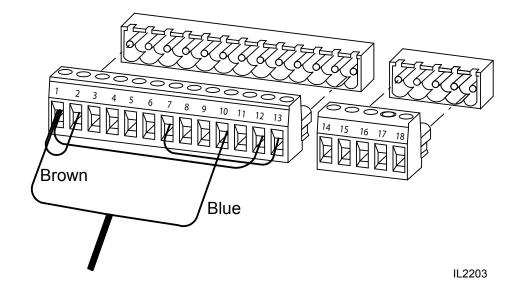






## **TRANSDUCER LEADS**

Connect the pressure transducer brown wire to terminal 1 and blue wire to terminal 10.



**Tech Support Toll Free Help Line** 1-800-742-5044

