

Plumbing Measurements

Abbreviations:

ID: Inner Diameter

OD: Outer Diameter

MNPT: Male National Pipe Thread type, threads are tapered

FNPT: Female National Pipe Thread type, threads are tapered

MGHT: Male Garden Hose Thread, threads are parallel

FGHT: Female Garden Hose Thread, threads are parallel

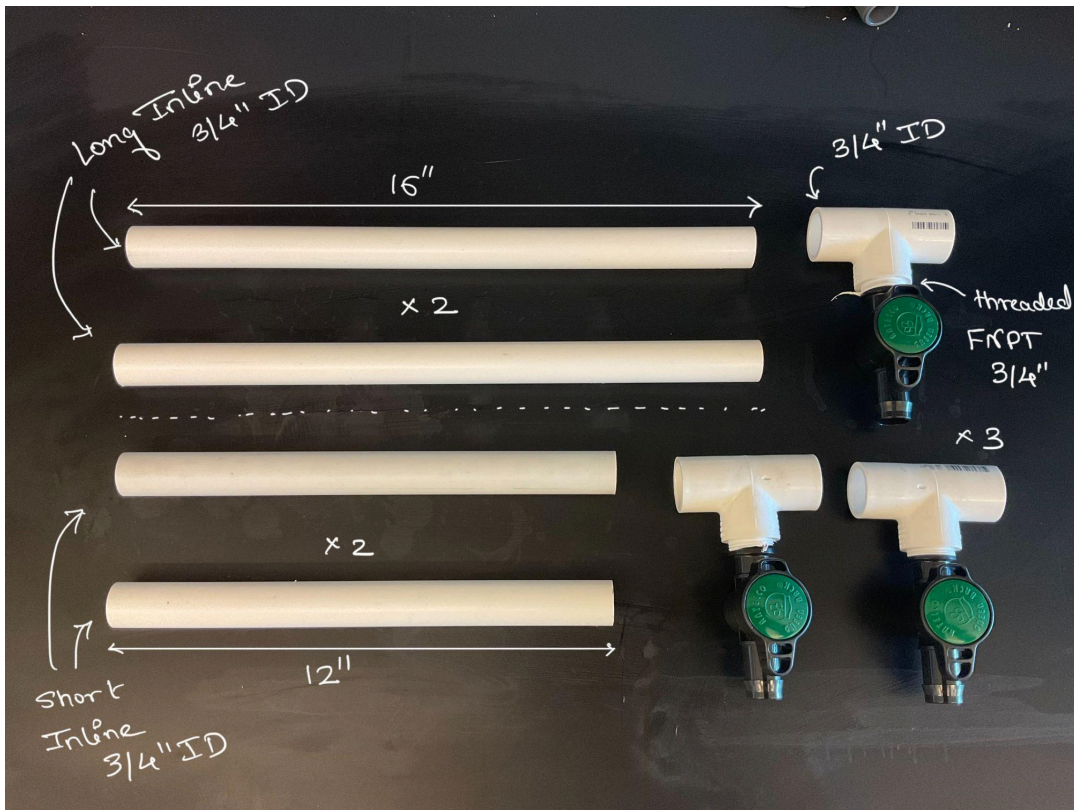
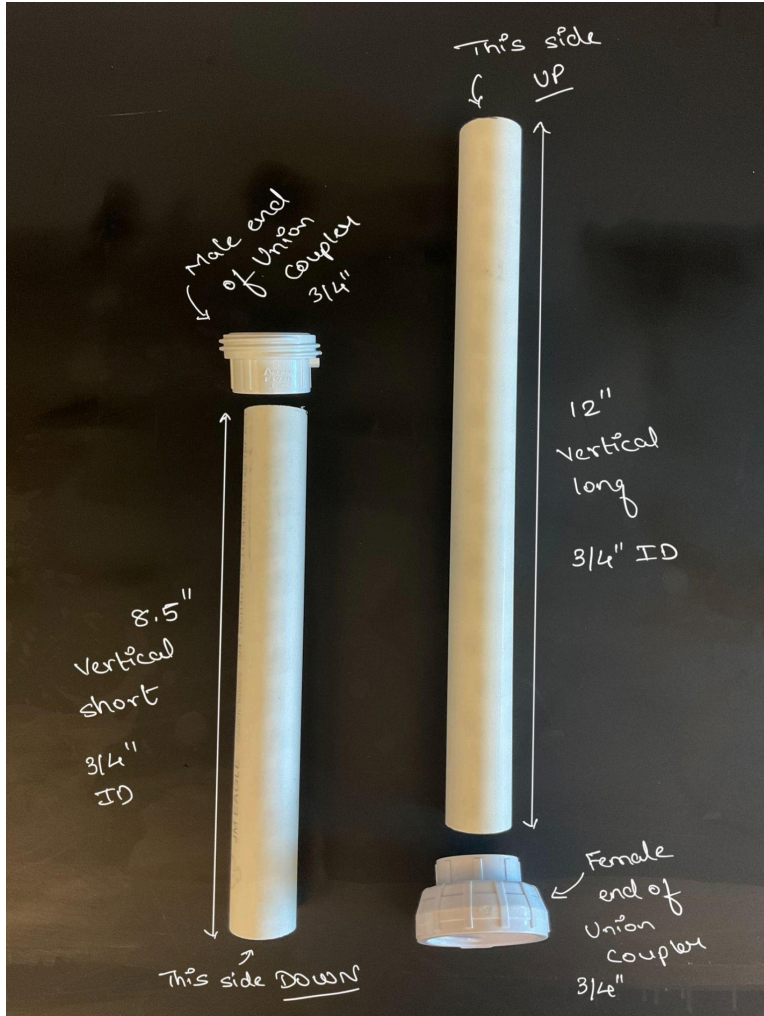
S or Slip or Sockets: Considered Female Non threaded fitting

Spigots: Considered Male Non threaded fitting

Barbed fitting: Used for fitting in flexible tubing or pipes has spikes on it

1. Inline Supply:

- a. Most of the PVC tubings used for Inline supply to the tanks are std. 3/4" ID size.
- b. Sizes for some of the connectors are:
 - i. T connectors: 3/4" ID, 2 types. For the valves, one side has to be threaded which connects into the valve. For normal connections all are Slip connections.
 - ii. Elbows: 3/4" ID
 - iii. Union Couplers: 3/4" fitting size
 - iv. Valve: The valve has threaded end of 3/4" MNPT and the barbed end fits in 3/4" tubing.
- c. For screwing in the valve to the threaded T connector, use thread sealing teflon tape. (Applying one layer of tape in the direction of screwing is good)



2. Drainage:

- a. Most of the PVC tubings used for drainage from the tanks are std. 2" ID size.
- b. Connectors include: Elbows, T connectors, 3 way T and Pipe caps. All of which are 2" fittings
- c. Tubing used for drainage is ordered from Jehmco and has 3/4" ID and 1" OD and needs to be cut to 26" size for fitting in drains.

