

## IMPORTANT DO'S & DON'TS:

### DO'S ✓

Provide Full bottom support to the tank.



Keep the lid close all the time.



Install the tank on rigid, plain and clean surface.



Check all the connection before any kind of stress build up.



Maintain service temperature between 10°C to 60°C.



In case of any leakage stop the usage of tank and inform Ashirvad Customer Care.



Provide appropriate connection to the tank.



Always use Multisaw cutter or drill to create a hole as suggested.



### DON'TS ✗

Do not install the tank on rough a uneven surface.



Do not install the tank near area of vibration.



Do not use connection bigger than the size recommended in the table "A".



Do not use chisel for making a hole in the tank for pipe fitting, this can create a crack in the tank.



Do not make direct connection of pump to the tank.



Do not install the overflow pipe below the level of inlet pipe in order to utilize complete capacity.



#### NOTE:

- Ashirvad is not responsible for failure of tank if it is not installed as per ashirvad guidelines given in this manual.
- Ashirvad is not responsible for any collaterals damage that occurs due to failure of the product for any reason.



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## WATER STORAGE TANK



## Installation Guideline

## Installation Guide:

### Step 1: Tank placement at installation site

On receiving the tank at the installation site, Tank can be moved to either of the following:

- Top floor of the building
- Inside the building
- Field

Ashirvad 500 liters water storage tank can be easily shifted by two people through staircase to rooftop. Before shifting the water tank to rooftop please check for feasibility.

### Ways of Lifting the Tank:

#### By Hand:

Two people can lift smaller capacity tank like 500L tank. While lifting, it has to be ensured that tank is being lifted appropriately not dragged.

#### By lifting Rope:

For bigger capacity tank, Lifting Rope needs to be used. While lifting, ensure tank is fully supported.

#### Preventive action while lifting or transporting:

- Provide protective sheet or locally available material around the tank to avoid any stress on the tank.
- If you want to roll the tank on the ground, ensure to provide protective sheet around the tank so that there is a little chance of abrasion of the sides of the tank.
- Rolling of the tank on uneven or rough surface to be avoided.

#### Drilling Method:

Up to 2" diameter hole: Use suitable size multisaw cutter.

Above 2" diameter hole: Use drill

#### For diameter upto 2"

- a) Determine the size required for hole "D" diameter and the position where you want to make. It must be 180° below the top pocket and at the center of the tank side wall after side rib.



- b) With the help of pencil, mark the center of the hole, which you want to make.



- c) Draw the circle of determined diameter "D" on the surface of the tank taking the center "C" as marked above.



- d) Use multisaw cutter and make the hole



Table A : Suggested pipes & fittings sizes by tank's capacity:

S.No	Tank Capacity	Nominal bore size of pipe connection to be fitted to tank (at inlet, outlet, overflow and drain)
1	Upto 500 liters	12.5 mm ( 1/2 inch)
2	500 to 1000 liters	19 mm (3/4 inch) or 25 mm (1 inch)
3	1000 to 2000 liters	25 mm (1 inch) or 40 mm (1 1/2 inch)
4	2000 to 5000 liters	40 mm (1 1/2 inch)

### Tank Fitting Connection:

The connection of the tank nipple is carried out to ensure that the wall of the tank is surrounded on either side by the suitable rubber gaskets and the 2 check nuts are tightened on the two side of the wall of the tank to create air tight joint.

#### Points to note:

- Check for any leakages from fitting before using it in the tank.
- Avoid direct connection of the water pump to the tank.
- Size of the fitting should not exceed the size recommended in Table "A" unless agreed otherwise by Ashirvad.
- Whole pipeline connected to the tank should be well supported.

### Ashirvad Tank Usage applicability:

- Location: Ashirvad Water tank are made up of UV Stabilized LLDPE. It can be used for both Indoor and Outdoor applications. Please ensure that lid of the tank is always closed to avoid any dust entering the tank.
- Temperature: Normal service temperature in Ashirvad Water Tank is from 10°C to 60°C and If it is used at temperature more than 60°C then the responsibility for the damage will be borne by the customer.
- Ashirvad Water tank are designed for use of atmospheric pressure with substances of specific gravity upto 1. If any pressure and vacuum involved, it will be totally at customer's risk

### Action to be taken while noticing the leakage on tanks:

- We strongly advice you to stop the usage of tank if the leakage is noticed anywhere in the tank, It is important for you to repair the tank before Start using it. Please contact Ashirvad Customer care or nearest authorized Ashirvad dealer for rectification. If this is not done, Ashirvad shall not be responsible for further propagation and eventual failure of the tank.