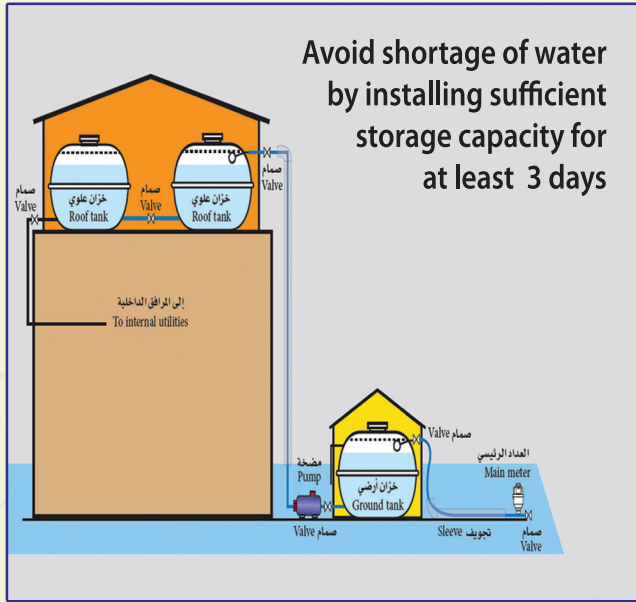


Schematic Line Diagram For Water Storage System



Common mistakes in internal network system

Using small
storage tanks



The height of
ground storage
tank is more than
1 meter which
obstructs water to
fill the tank



Unavailability
of a ground
storage tank



How to avoid water shortage in the premises



**Total Storage = 6000 liters
per premise includes
ground & roof tanks**

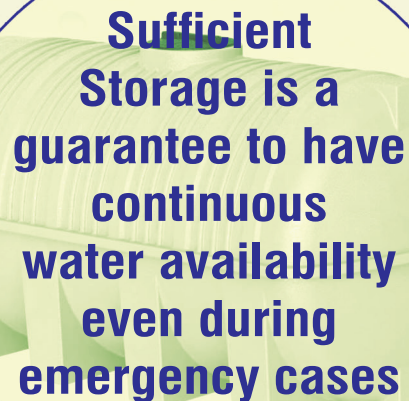
**For shortage of water
complaints & enquiries,
please contact
call centre on
Tel: 17515555**

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Preface

Secured and sufficient water storage is important to avoid the problem of water shortage in the premises, because some customers always suffer from insufficient storage capacity in their premises. The storage capacity must be sufficient for three days or more.



**Sufficient
Storage is a
guarantee to have
continuous
water availability
even during
emergency cases**

Reasons for water shortage in the premises

Some customers suffer from shortage of water in their premises which is due to many reasons and are outlined as follow:

1. Visible or invisible water leaks after the meter.
2. Insufficient water storage in the premises.
3. Blockage of water meter outlet.
4. Technical defects in the water pumps or electrical and float switches which operate on auto in controlling the water in and out of the tanks.
5. Presence of air trap or complete blockage in the pipes inside the premises.
6. The main valve after the main meter might be closed.
7. The ground water tank height level is more than one meter from the ground level, which obstructs the water to reach the tank.
8. No ground storage tank.
9. Excessive irrigation of the garden.
10. Problems might occur in the distribution network of EWA.

Storage Specifications

- Installation of ground storage tank connected to the roof tank via pump.
- The height of ground storage tank should not exceed 1 meter above the ground level.
- The ground storage tank should be near the water meter to ensure continuous flow of water into the tank.
- The roof tank must be connected to the internal utilities by different outlets.
- The total storage capacity which includes ground and roof tanks must be sufficient to supply the premises for at least three days.