

CUPOLEX® CONCRETE FORMING

HARVESTING FOR HOMES

Inlet/Vent Pipe

Pump & Controls

CUPOLEX® Slab Chamber

OVERVIEW

Residential houses and buildings can save potable water by harvesting rainwater, grey water, condensate and other on-site sources for non-potable uses like toilet flushing, irrigation and laundry. CUPOLEX® design engineering can integrate water harvesting tanks in any building structure or any single residential home foundation.

FEATURES

- Harvest and store rainwater and/or stormwater from roofs and impervious spaces
- Void depths range from 8" (200mm) to 96" (2,500mm)
- CUPOLEX® concrete forming manufactured to ISO 9001:2015 high quality standards
- Complete construction documents with stamped and sealed design drawings provided by CUPOLEX® licenced PEs
- Isolator rows can be incorporated for pre-treatment
- First flush devices and pre-system filtration are incorporated into the design
- Vent pipes for air (atmospheric) pressure vented from the system.

ADVANTAGES

- Reduces the need for exterior storage tanks
- High load-bearing concrete design that can exceed HS-20-44 full truck load plus impact
- Custom designed to any layout
- Streamlined installation supporting required work loads
- Modular, quick and easy installation of formwork
- Sub-Slab chamber does not impact penetrations for underground services & utilities
- Up to 98% void storage volume

