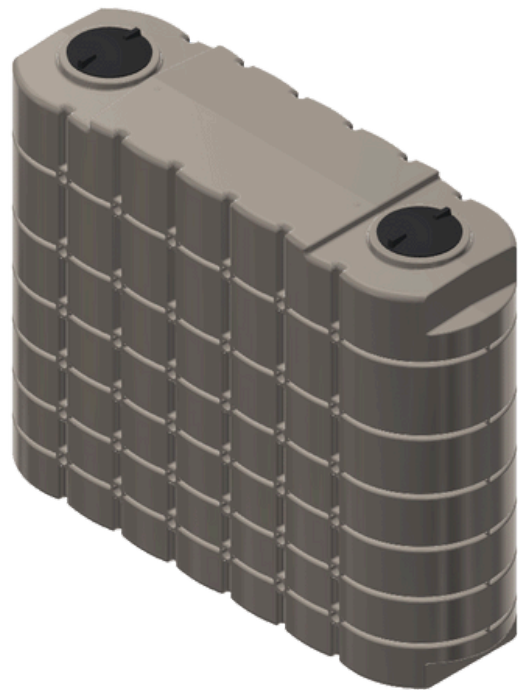


# SLIM CITY Tank - 2000L

**Specifications:****Capacity:** 2,000 ltr**Height:** 1930mm**Width:** 510mm**Length:** 2475mm**Outlet Size:** 25mm BSP**Weight (empty):** 130Kg

This product requires assembly with either the Wall Bracket Install Kit OR Free Standing Install Kit.

*end-to-end stormwater and water efficiency*

# SLIM CITY Tank - 2000L

**BASE REQUIREMENTS:**

Tank when full weighs 2130kg, therefore the base for the tank must be level and structurally sound.

To allow for expansion of the tank when filled, tanks must be installed with clearance between the tank wall and any other structure, such as buildings and fences. The minimum clearance being 15mm.

All sites must be of "good ground" as per NZS3604:2011, followed by 20mm sand binding.

The base must be a minimum 25MPa concrete slab of 100mm thickness, reinforced with SE62 mesh to support the weight of the tank when full. This slab must extend 100mm wider and longer than the tank or tank(s) footprint.

Posts must be installed before concrete base is poured. See below for details.

**Using Steel Posts:**

To free stand install use the following steps:

1. Prepare area for concrete pad base for the tank in accordance with requirements above.
2. Lay tank down on the ground, line up and measure where bolt holes are to be drilled in posts (requires a 12mm drill bit) and measure distance between posts for foundation holes.  
**Disclaimer: Tank weighs 130kg (empty), caution is encouraged if manoeuvring manually**
3. Dig/use hole borer for post holes.  
Ensure correct hole depth is complied with:  
**2000L:** 300mm wide x 900mm deep holes.
4. Manoeuvre tank between foundation holes.
5. Fix posts to tank inserts, in order: post, flat washer, spring washer then bolt. Carefully stand it up and place posts in holes alongside tank.  
Block under tank to lift it 100mm to the final height required when concrete pad is poured.
6. Concrete in posts. Brace tank vertically and use a level to ensure straight position is achieved to avoid compromising the structure while concrete sets.
7. Remove tank from posts. Complete preparation and pour concrete base pad. Once cured, place tank back in between posts and reinstall bolts and washers in the same order as above.
8. Fit inlets & outlets. Use a 41mm hole saw for the 25mm fitting supplied.

# SLIM CITY Tank - 2000L

**Using wall brackets:**

Wall mounted installation is recommended for a quick, safe install option for new build homes, garages or structures, and for retrofitting tanks to existing structures or properties.

To meet wind and seismic retraining requirements, the tank(s) must be installed on the previously described concrete pad and fixed into concrete or timber walls.

***Please Note: Installation on sand or Gap 7 bases, and/or fixing to materials other than concrete and timber structures, will not meet the designed wind or seismic retraining requirements.***

Should this be required where concrete or timber structures are not available, the Free Standing installation method is recommended.

1. Prepare base for the tank in accordance with requirements previously stated.
2. Locate tank on to base, allowing 15mm gap between wall and tank. Disclaimer: Tanks weigh 130kg (empty), caution is encouraged if manoeuvring manually
3. Fit brackets to tank in order: Bracket, flat washer, spring washer, bolt.
4. Restrain tank to the wall. Ensuring correct fixings are used for respective structure material:
  - a. Concrete: Dyna Bolt
  - b. Timber: Coach Screw in the order of: bracket, washer, bolt/screw
5. Fit inlets & outlets.

# SLIM CITY Tank - 2000L

**PLUMBING:**

Tanks are designed with provisions for inlets and overflows moulded into the flat areas at the top and bottom at the ends of tank(s).

All tanks must be fitted with an overflow. Inlet and overflow holes must be cut using a hole saw.

The overflow must be at least the same size as the inlet and must be located so that the overflow hole is lower than the inlet.

No inlet or overflow holes are to be cut into the walls of the tank.

All inlet and overflow pipes must be well supported and not dependent on the tank for stability.

The tank overflow must be run at least 300mm away from the tank base, preferably back into the down pipe or storm water drain, so as to avoid undermining the base.

**Other Installation Considerations:**

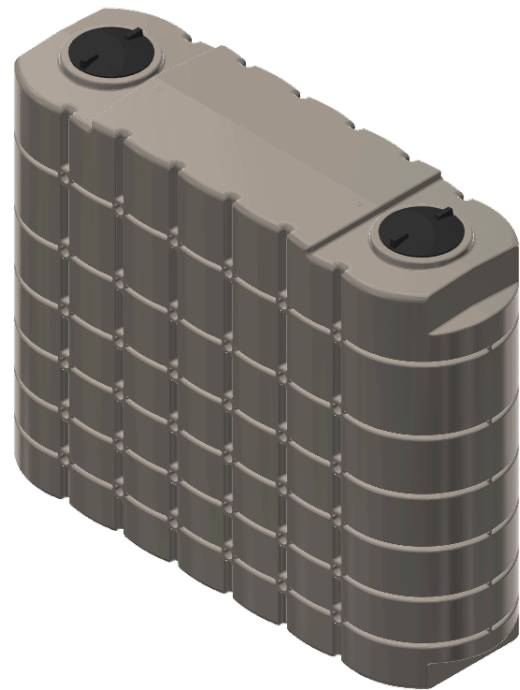
Rainheads or leaf diverters are required to prevent leaves, twigs etc from entering the inlet pipework or tank.

If a pump is installed for your system, an inline filter must be installed between the tank and the pump to protect appliances connected to pump delivery.

A flexible coupling must be installed between the tank and pump pipe work to avoid stress on the tank wall.

Any pipe work connected to the tank, to preserve water quality, should not allow any light into the tank, as light promotes algae growth.

# SLIM CITY Tank - 3000L

**Specifications:****Capacity:** 3,000 ltr**Height:** 1930mm**Width:** 750mm**Length:** 2475mm**Outlet Size:** 25mm BSP**Weight (empty):** 200Kg

This product requires assembly with either the Wall Bracket Install Kit OR Free Standing Install Kit.

*end-to-end stormwater and water efficiency*

# SLIM CITY Tank - 3000L

**BASE REQUIREMENTS:**

Tank when full weighs 3200kg, therefore the base for the tank must be level and structurally sound.

To allow for expansion of the tank when filled, tanks must be installed with clearance between the tank wall and any other structure, such as buildings and fences. The minimum clearance being 15mm.

All sites must be of "good ground" as per NZS3604:2011, followed by 20mm sand binding.

The base must be a minimum 25MPa concrete slab of 100mm thickness, reinforced with SE62 mesh to support the weight of the tank when full. This slab must extend 100mm wider and longer than the tank or tank(s) footprint.

Posts must be installed before concrete base is poured. See below for details.

**Using Steel Posts:**

To free stand install use the following steps:

1. Prepare area for concrete pad base for the tank in accordance with requirements above.
2. Lay tank down on the ground, line up and measure where bolt holes are to be drilled in posts (requires a 12mm drill bit) and measure distance between posts for foundation holes.  
**Disclaimer: Tank weighs 200kg (empty), caution is encouraged if manoeuvring manually**
3. Dig/use hole borer for post holes.  
Ensure correct hole depth is complied with:  
**3000L:** 300mm wide x 1100mm deep holes.
4. Manoeuvre tank between foundation holes.
5. Fix posts to tank inserts, in order: post, flat washer, spring washer then bolt. Carefully stand it up and place posts in holes alongside tank.  
Block under tank to lift it 100mm to the final height required when concrete pad is poured.
6. Concrete in posts. Brace tank vertically and use a level to ensure straight position is achieved to avoid compromising the structure while concrete sets.
7. Remove tank from posts. Complete preparation and pour concrete base pad. Once cured, place tank back in between posts and reinstall bolts and washers in the same order as above.
8. Fit inlets & outlets. Use a 41mm hole saw for the 25mm fitting supplied.

# SLIM CITY Tank - 3000L

**Using wall brackets:**

Wall mounted installation is recommended for a quick, safe install option for new build homes, garages or structures, and for retrofitting tanks to existing structures or properties.

To meet wind and seismic retraining requirements, the tank(s) must be installed on the previously described concrete pad and fixed into concrete or timber walls.

***Please Note: Installation on sand or Gap 7 bases, and/or fixing to materials other than concrete and timber structures, will not meet the designed wind or seismic restraining requirements.***

Should this be required where concrete or timber structures are not available, the Free Standing installation method is recommended.

1. Prepare base for the tank in accordance with requirements previously stated.
2. Locate tank on to base, allowing 15mm gap between wall and tank. Disclaimer: Tanks weigh 130kg (empty), caution is encouraged if manoeuvring manually
3. Fit brackets to tank in order: Bracket, flat washer, spring washer, bolt.
4. Restrain tank to the wall. Ensuring correct fixings are used for respective structure material:
  - a. Concrete: Dyna Bolt
  - b. Timber: Coach Screw in the order of: bracket, washer, bolt/screw
5. Fit inlets & outlets.

# SLIM CITY Tank - 3000L

**PLUMBING:**

Tanks are designed with provisions for inlets and overflows moulded into the flat areas at the top and bottom at the ends of tank(s).

All tanks must be fitted with an overflow. Inlet and overflow holes must be cut using a hole saw.

The overflow must be at least the same size as the inlet and must be located so that the overflow hole is lower than the inlet.

No inlet or overflow holes are to be cut into the walls of the tank.

All inlet and overflow pipes must be well supported and not dependent on the tank for stability.

The tank overflow must be run at least 300mm away from the tank base, preferably back into the down pipe or storm water drain, so as to avoid undermining the base.

**Other Installation Considerations:**

Rainheads or leaf diverters are required to prevent leaves, twigs etc from entering the inlet pipework or tank.

If a pump is installed for your system, an inline filter must be installed between the tank and the pump to protect appliances connected to pump delivery.

A flexible coupling must be installed between the tank and pump pipe work to avoid stress on the tank wall.

Any pipe work connected to the tank, to preserve water quality, should not allow any light into the tank, as light promotes algae growth.