

## Sovereign 4.5/3 and 6/3 litre Cistern LOW LEVEL/ULTRA LOW LEVEL

# PLUMBERS' INSTALLATION INSTRUCTIONS

**PLEASE READ CAREFULLY BEFORE INSTALLATION  
IT IS CRITICAL THAT IT BE INSTALLED WITH  
A MATCHING CAROMA PAN.**

### CISTERN FIXING PROCEDURE

**Important:** For timber stud and non-structural walls, noggins or other suitable means of support must be used to support the cistern at the recommended height.

**Note:** The inlet valve can be changed from right to left.

- 1- Position cistern and flush pipe and mark fixing holes as specified on the finished wall, as detailed in **Fig. 1** or **Fig. 2**.
- 2- In masonry wall drill 8mm diameter holes and insert the plugs provided. In timber, drill a 3mm diameter pilot hole.
- 3- Mount the cistern temporarily on the wall. Fit cistern fixing grommets in cistern wall fixing holes, as detailed in **Fig. 3**. Position fixing grommets in cistern over wall plugs, insert 10 # by 2" Combi Hd. self tapping screws and metal washers to secure cistern to wall.
- 4- Measure the distance from the pan inlet to the centre of the cistern outlet. Add 25mm to this measurement to allow for the flush pipe to be inserted into the pan inlet and cut the flush pipe to this length.
- 5- Remove cistern from wall.
- 6- Remove flushpipe from the pan and fit the key seal onto the pan inlet end of the flush pipe.
- 7- Insert the flush pipe into the pan inlet using a small amount of lubricant. Place the cap cover, coupling nut, slip ring (with flat edge facing downwards) and Kingco seal over the cistern end of the flush pipe as detailed in **Fig. 1** and **Fig.2**.
- 8- Mount the cistern onto the wall by lowering the cistern onto the flush pipe and aligning the cistern fixing grommets with the wall plugs. Fasten the cistern to the wall. Do not over tighten. Tighten the coupling nut on the flush pipe to the cistern outlet to create a water tight seal.
- 9- Connect water supply and check flush pipe and operation of cistern.
- 10- If necessary adjust water level to the water level mark inside the cistern tank with the float arm adjustment screw. **Refer Fig. 5.**
- 11- Fit lid to check push button operation to complete installation.

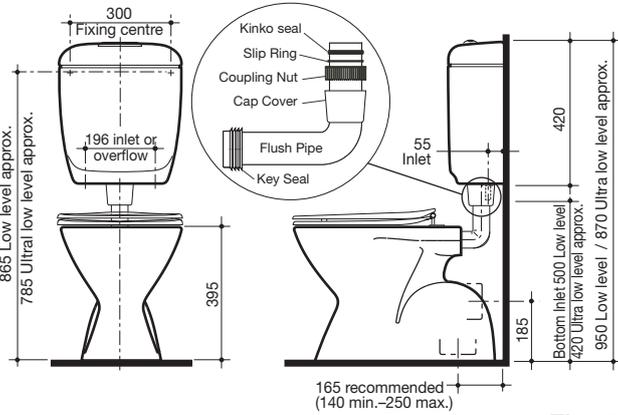
**Important: Working pressure minimum 30kPa to maximum 1000kPa flow pressure. Rain water tank compliant.**

**IMPORTANT:** THE INLET VALVE IS FITTED WITH A LINE STRAINER. ITS TAIL PROTRUDES AS ILLUSTRATED TO ALLOW EASY REMOVAL FOR CLEANING. THIS TAIL FITS EASILY INTO THE COPPER CONNECTION PIPE. INSTALLATION OF THE CISTERN WITHOUT THE STRAINER CAN LEAD TO DAMAGE OF THE INLET VALVE FROM THE WATER-BORNE CONTAMINANTS LEADING TO CISTERN MALFUNCTION. THE STRAINER IS ALSO CAREFULLY DESIGNED TO ACT AS A FLOW CONTROL DEVICE. IT MAKES THE OPERATION OF THE INLET VALVE SIGNIFICANTLY QUIETER. PLEASE ENSURE THAT THE LINE STRAINER IS PROPERLY INSTALLED FOR BEST PRODUCT PERFORMANCE.

All measurements are subject to accepted manufacturing tolerances. To ensure accuracy please check actual product dimensions before drilling for installation. The manufacturer reserves the right to change specifications at any time without giving prior notification. This product should be installed by a qualified plumber. Local authority, Water Board, and Building Regulations may apply to the installation of this product, and you should consult the appropriate bodies on these requirements.

### Concorde-Sovereign

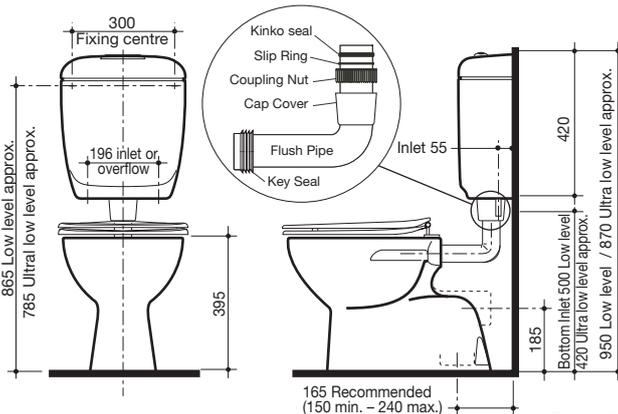
#### Vitreous China Dual Flush Toilet Suite



**Fig. 1**

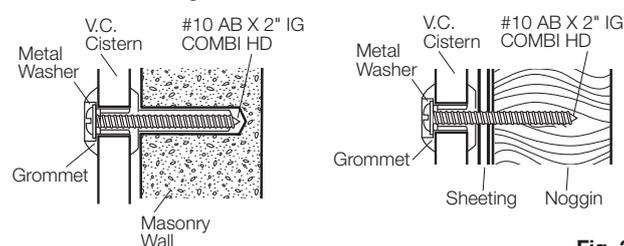
### Trident-Sovereign

#### Vitreous China Dual Flush Toilet Suite



**Fig. 2**

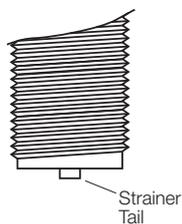
### Cistern Wall Fixing Detail



**Fig. 3**

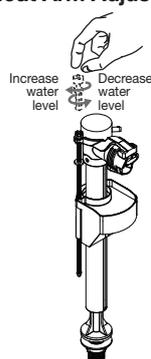
### Strainer Tail Detail

(Bottom inlet installation only)



**Fig. 4**

### Float Arm Adjustment Screw



**Fig. 5**