

# VIXEN - PULL DOWN SINK MIXER

## WATER EFFICIENT TAPWARE

### PLUMBERS INSTALLATION INSTRUCTIONS

#### Important Information

- \* Not suitable for gravity feed systems.
- \* Mixer is fitted with a flow regulated check valve. This low flow rate may not be suitable for connection to some Instantaneous Gas Water Heaters, some Tempering Valves, some Solar Water Heaters & some Thermostatic Mixing Valves. Check with the manufacturers of these products.  
Note: warranty is void if check valve housing (18) is not installed as shown.
- \* Isolating stop taps must be fitted to the hot & cold water supply connections. (Part No. 842018C - Mini cistern 1/4T)
- \* All pipework must be thoroughly flushed prior to installation, as foreign materials may block the flow regulating device and reduce the flow of water. Note: Aerator insert housing must be retightened to prevent removal by hand.

#### Installation (Fig.1 & 2)

- 1) Ensure 'O' ring (10) is fitted into base ring (9) then locate base ring in mixer body as shown.
- 2) Flexible Tail Mixer Connections: Ensure flexible tail (23) (with red indication) is fitted into hole marked as 'red dot'. Ensure another flexible tail (with blue indication) is fitted into remaining hole. Check both flexible tails have been fully tightened to provide a watertight joint.
- 3) Insert the inlet connection end (22) of each flexible tail (23) through the hole in the deck followed by the free end of hose (20). Feed spacer (11) (for thin decks only) over hoses then assemble gasket (12) & fixing plate (13) onto threaded tube (15) as shown. Screw on fixing nut (14), position the mixer (8) as required then tighten fixing nut (14) using a suitable spanner.
- 4) Insert washer (16) into inlet of adaptor (17) then screw adaptor (17) onto threaded tube (15) & tighten using a suitable spanner. Screw check valve housing (18) over the outlet of adaptor (17) and tighten gently with a spanner, DO NOT OVERTIGHTEN., then insert the spigot (19) of hose (20) into the check valve housing (18) until a "click" sound is heard. With hose (20) unobstructed & hanging freely in its retracted position in the cabinet (Fig.2), fit hose weight (21) onto hose (20) and position it so that the hose (20) can extend sufficiently when spray head (26) is pulled from the swivel tube (25). Tighten hose weight screws using a suitable screwdriver.
- 5) Flexible Tail Inlet Connections: Connect the flexible tails (23) to the hot and cold isolating stop taps, hand tighten the connecting nut (22) until rubber cone contacts the sealing face of the connection end, then tighten a further one turn to provide a watertight joint.

#### IMPORTANT

- This product complies with the Lead Free requirements of the National Construction Code Volume Three.
- Hot and cold water inlet pressures should be equal.
- Static inlet pressure range : 150-1000 kPa  
New Regulation:- 500 kPa maximum static pressure at any outlet within a building. (Ref. AS/NZS 3500.1)
- Maximum hot water temperature : 80°C.

#### Deck Requirements

- Deck thickness : 50mm maximum
- Tap body hole (in deck) :  $\varnothing 34$ -36mm
- Minimum clearance requirement (Fig 2), underneath the deck to allow the Pull-out hose and weight to move freely.

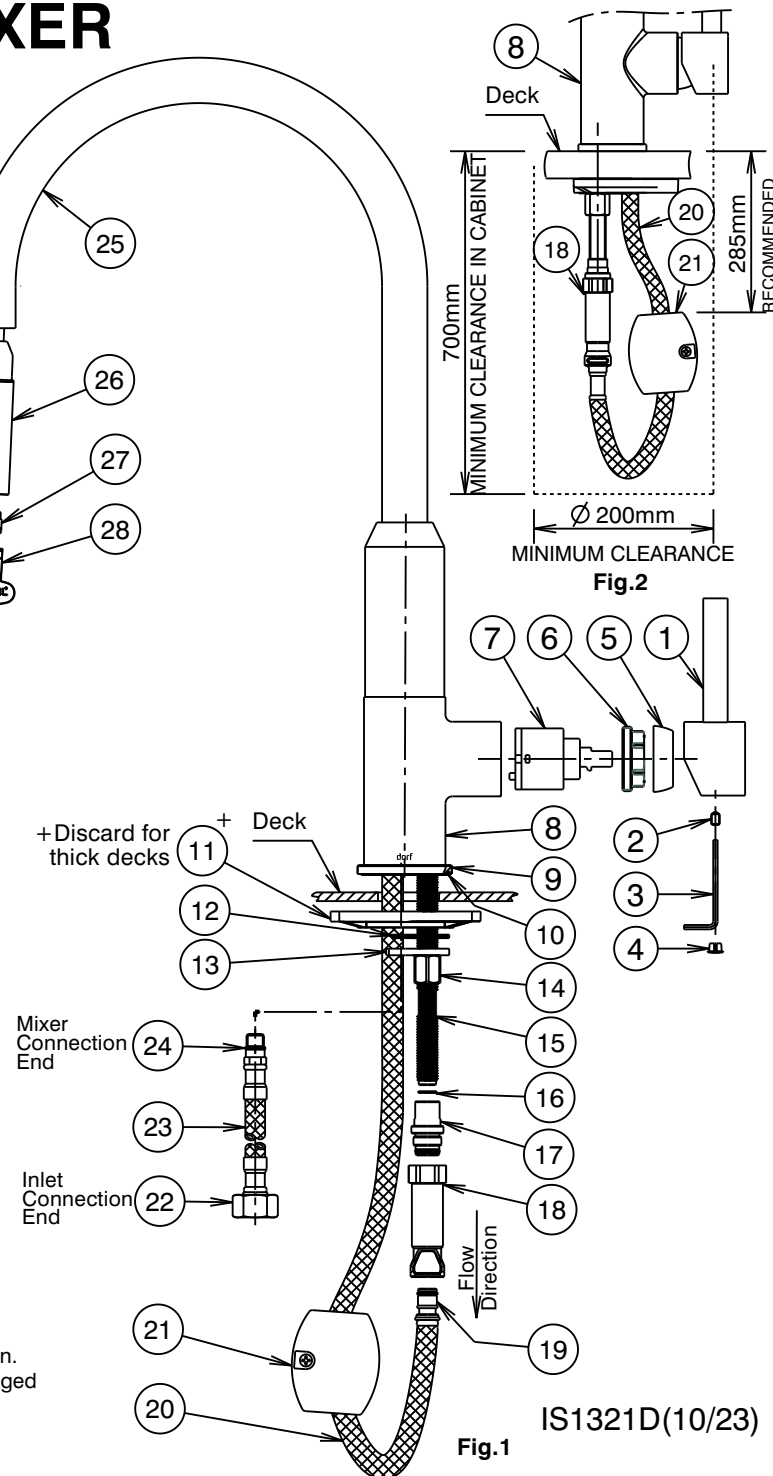
**Important:** Flexible tails must not be kinked, twisted or in tension when installed. (Minimum Bend Radius:- 50mm)  
Do not install flexible tails where subject to ultra violet light.  
**Note:** If water does not flow from spray head (26), make sure that check valve housing (18) is installed correctly as shown in Fig. 1

#### Replacing Cartridge (Fig.1)

- 1) Turn off hot and cold water supplies.
- 2) Carefully remove plug (4). Using 2.5mm allen key (3) loosen grub screw (2) and remove handle (1). Remove cap (5), taking care not to damage the decorative finish. Unscrew nut (6) then lift out old cartridge (7).
- 3) Ensure inside face of mixer body (8) is clean. Check that seal is in position in base of new cartridge (7). Fit new cartridge (7) into mixer body (8), taking care that two lugs on base of cartridge (7) fit into mating holes in mixer body (8).
- 4) Screw on nut (6). **Important:-** Nut (6) should be tightened to a torque of 10 Nm.
- 5) Replace cap (5), tightening by hand. Fit handle (1), taking care that it is pushed fully onto cartridge stem, then tighten grub screw (2) and replace plug (4) taking care not to damage the decorative finish.
- 6) Turn on water supplies and check operation.

#### Removing Aerator Insert

- Aerator insert (27) can be removed with spanner (28) provided
- 1) Deposits of lime can be removed by washing in a vinegar solution.
  - 2) When replacing aerator insert (27), be careful that thread is engaged correctly and 'O' ring is not damaged as it enters the bore. Tighten securely using spanner (28).



IS1321D(10/23)

Fig.1