

# Caroma® LIANO NEXUS - OVERHEAD & HAND SHOWER ON RAIL

WATER EFFICIENT TAPWARE

## PLUMBERS INSTALLATION INSTRUCTIONS

### Important

- \* Shower rail outlet (20) is fitted with a check valve (21) and flow regulated check valve (22). Shower head (11) is fitted with a flow regulator (10). Note: Warranty is void if check valve (21) and flow regulated check valve (22) are not installed as shown.
- \* The flow of water to the handshower & shower head is regulated. This lower flow rate may not be suitable for connection to some gravity fed Water Heaters, low pressure supply networks, Instantaneous Water Heaters, Tempering Valves, Solar Water Heaters & Thermostatic Mixing Valves. Check with the manufacturers of these products.
- \* Not suitable for gravity feed systems.
- \* All pipework must be thoroughly flushed prior to installation, as foreign materials may block the flow regulating device and reduce the flow of water.
- \* SHOWER RAIL (18) MUST NOT BE USED AS A GRAB RAIL.
- \* Centre of drilled hole for attachment of shower rail mounting spigot (26) must be vertically in alignment with the centre of the threaded nipple (1).

### Installation

- 1) Check that threaded nipple (1) is the correct length as shown. Cut to length if required ensuring end face is square. Apply thread tape to the thread.  
**Important** : Care must be taken that thread tape cannot become dislodged and block the flow regulating device, causing a reduction in water flow.
- 2) Fit chrome cover (4a) onto diverter (3) then loosen grub screw (5) using 3mm allen key (6) & remove inlet adaptor (2) from diverter (3). Screw inlet adaptor (2) onto threaded nipple (1) & tighten until its back face has bottomed against the wall/tile face. DO NOT OVERTIGHTEN.
- 3) Mark the position for the shower rail mounting base (19) at a suitable distance from the threaded nipple (1). (Fig.1)
- 4) **SOLID WALLS:-** (Brick, masonry blocks, concrete etc)
  - i) Drill hole 8.00mm diameter, 60mm deep.
  - ii) Insert small end of wall plug (27) into drilled hole and tap until flush with surface.**CAVITY WALLS:-** (Villaboard/tile etc)
  - i) Drill hole 8.00mm diameter.
  - ii) Insert small end of wall plug (27) into drilled hole and tap until flush with surface.
- 5) Fit chrome cover (4b) onto mounting bracket (19) then loosen grub screw (24) using 3mm allen key (6) & remove spigot (26) from mounting bracket (19). Pass the screw (25) through the hole in the spigot (26) as shown. Assemble screw (25) into wall plug (27) and tighten until spigot (26) is mounted securely against the wall/tile face.

### HANDSHOWER - THREE FUNCTIONS

- SPRAY (OUTER HOLES)
- SPRAY (INTERMEDIATE HOLES)
- MASSAGE (INNER HOLES)

### IMPORTANT

#### Pressure & Temperature Requirements.

- 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.

6) Assemble handshower slider (15) followed by soap dish (17) onto rail (18) as shown. Visually inspect that the check valve (21) and flow regulated check valve (22) are installed into fitting (20) of shower rail (18). Slide the mounting bracket (19) onto the rail (18) then carefully guide the rail assembly onto the adaptor (2) and spigot (26), taking care not to damage the 'O'Rings on the adaptor. While holding the assembly against the wall/tile face, tighten the grub screws (5 & 24) using the 3mm allen key (6) then slide the chrome covers (4a & 4b) back until they contact the wall/tile face.

7) Connect the shorter conical end (23) of the hose (14) onto the fitting (20) of rail (18) & tighten. Connect the longer conical end (13) of hose (14) to the hand shower (12) & tighten. Place hand shower (12) into slider (15) with shower hose hanging freely.

**Important:** If water does not flow from handshower (12) make sure that check valves (21 & 22) are installed with the arrows pointing in the direction of flow.

**Note:** Height of hand shower can be adjusted by loosening knob (16) and sliding bracket (15) up or down.

8) Ensure flow regulator (10) and strainer washer (9) are in position in shower head (11). Carefully screw showerhead (11) onto thread (8) of the shower arm and tighten using a suitable spanner.

**Note:** To deliver water to the shower head (11), turn the lever (7) of diverter (3) **anti-clockwise** up to the stop. To deliver water to the hand shower (12), the lever (7) must be rotated in a **clockwise** direction until it stops.

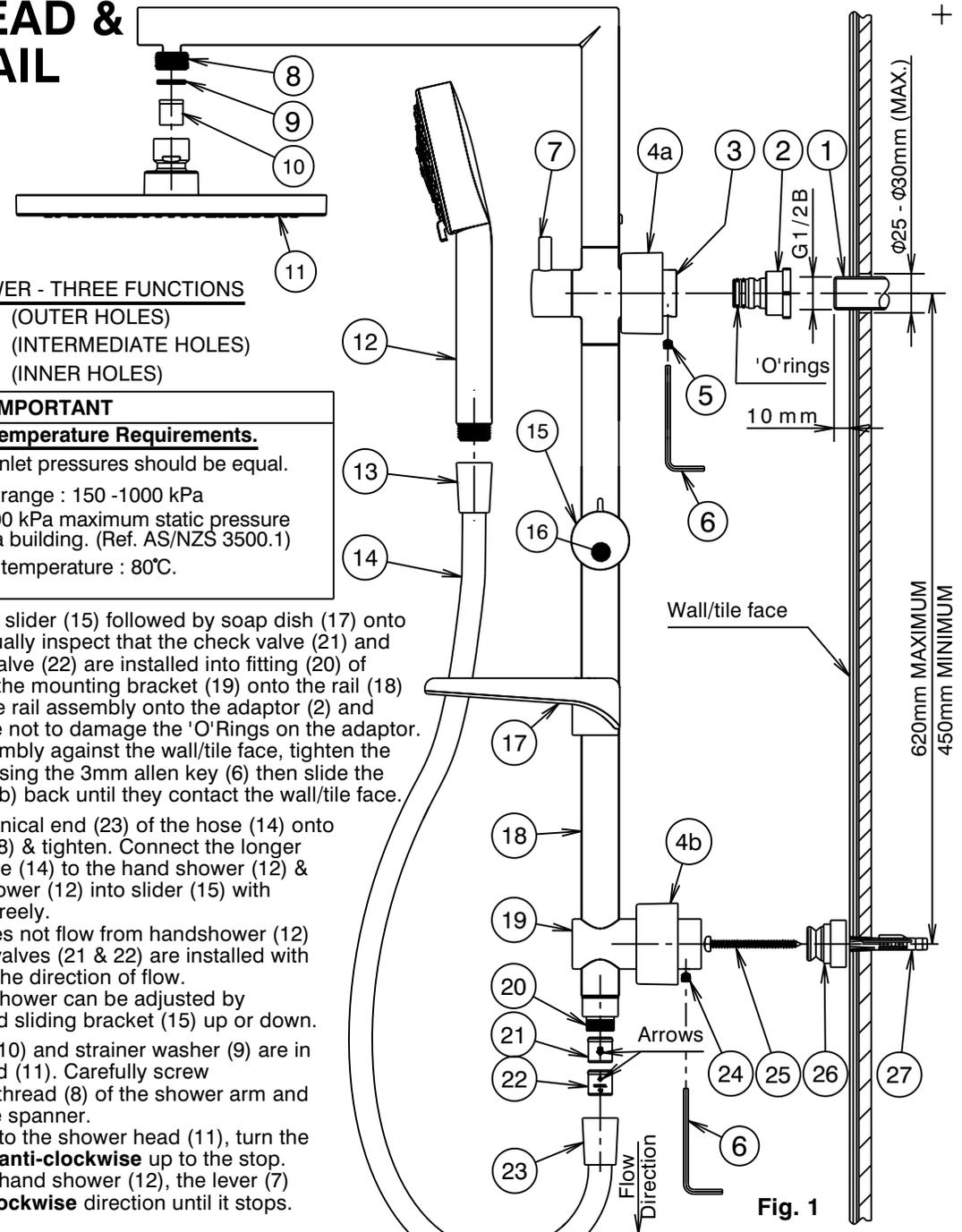


Fig. 1

IS1514A(09/15)