

## PLUS STARSAFE SHOWER SET - WITH INVERTED T-GRAB RAIL LH/RH

### WATER EFFICIENT TAPWARE PLUMBERS INSTALLATION INSTRUCTIONS

#### Important

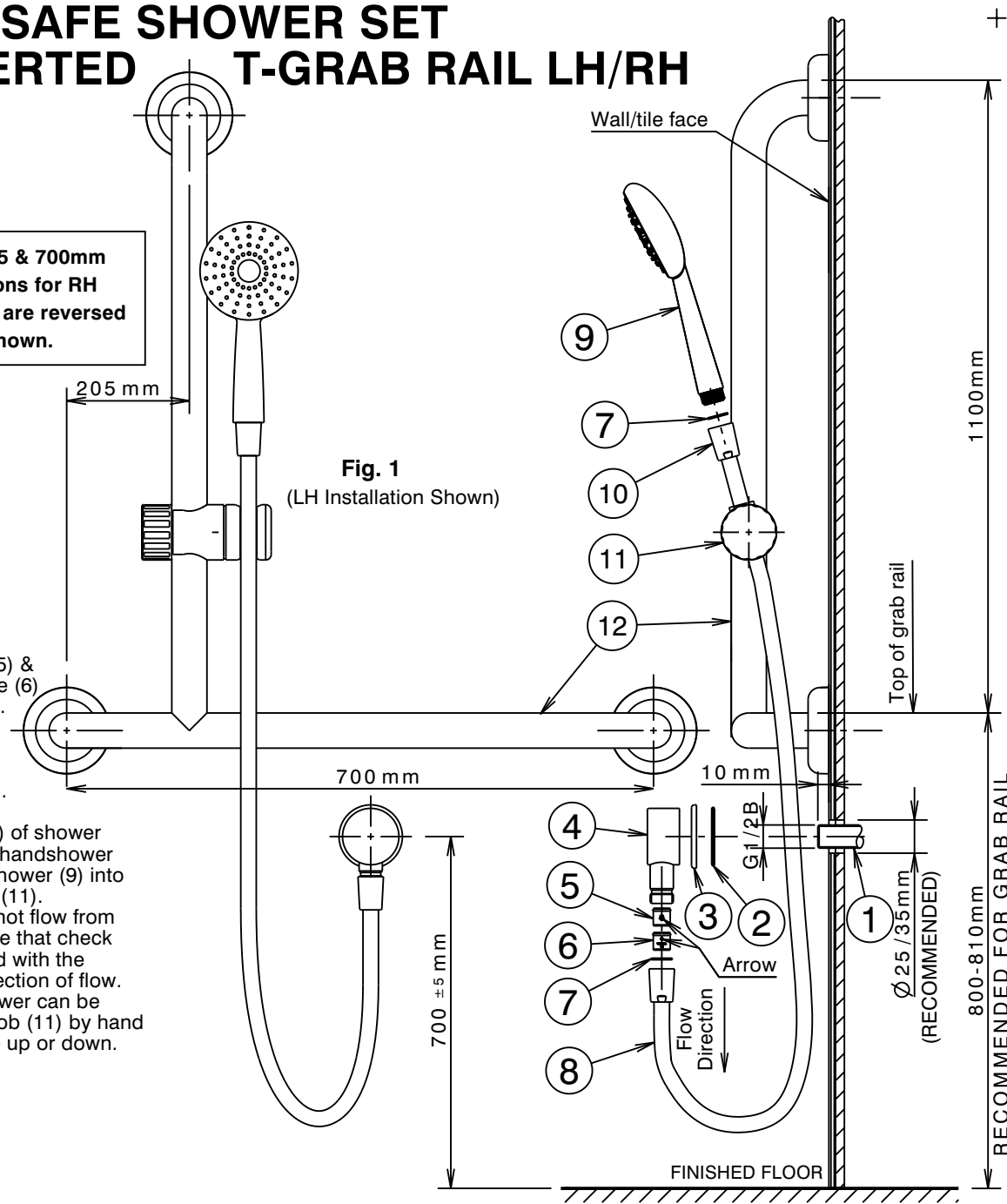
- \* Not suitable for gravity feed systems.
- \* Wall elbow (4) is fitted with a check valve (5) & a flow regulated check valve (6).  
Note: Warranty is void if check valve (5) & flow regulated check valve (6) are not installed as shown.
- \* If shower rail (12) is to be installed as a GRAB RAIL, the installation of the rail must comply with the requirements of AS 1428.1. Reference must be made to AS1428.1 with current amendments to determine installation requirement. The dimensions in this sheet may change with amendments to the standard.  
Note: To comply with the requirements of AS1428.1, consideration must be given to the fasteners chosen and location for attachment of the rail to the wall surface.
- \* All pipework must be thoroughly flushed prior to installation, as foreign materials may block the flow regulating device and reduce the flow of water.

#### Installation

- 1) Check that threaded nipple (1) (Fig. 2) 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 seal (2) (Fig.2) into groove in base ring (3). Screw wall elbow (4) together with base ring (3) onto threaded nipple (1) and position so that hose (8) will hang vertically down. DO NOT OVERTIGHTEN.
- 3) Install the shower rail assembly (Fig.1) using suitable fasteners.  
**Note** : For shower rail to be suitable for use as a grab rail, the fastenings must be able to withstand a force of 1100 N (equivalent to a load of 112 Kg) to be applied at any position and in any direction without loosening or rotation of the fastenings.

- 4) Ensure that check valve (5) & flow regulated check valve (6) are fitted in wall elbow (4). Fit rubber washer (7) into conical fitting of shower hose (8) then screw onto wall elbow (4) and tighten. Fit rubber washer (7) into remaining conical nut (10) of shower hose (8) then screw onto handshower (9) and tighten. Fit handshower (9) into adjustable shower cradle (11).  
**Important**: If water does not flow from handshower (9) make sure that check valves (5 & 6) are installed with the arrows pointing in the direction of flow.  
**Note** : Height of handshower can be adjusted by loosening knob (11) by hand and sliding shower cradle up or down.

**Note: 205 & 700mm dimensions for RH grab rail are reversed to that shown.**



**Fig. 1**  
(LH Installation Shown)

**Fig. 2** IS1299D(06/17)

#### **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.