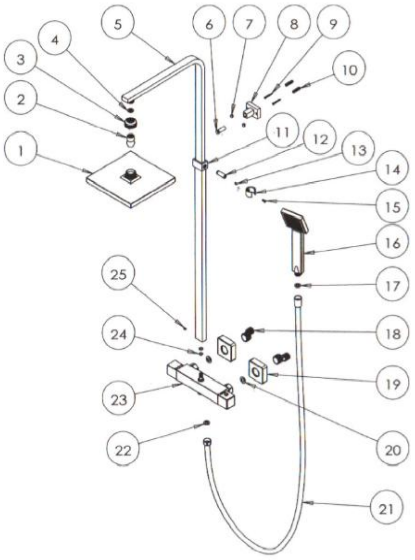
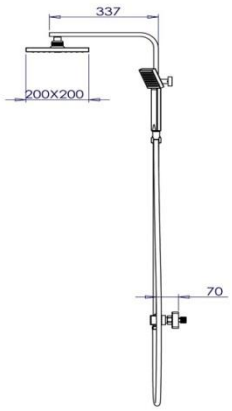
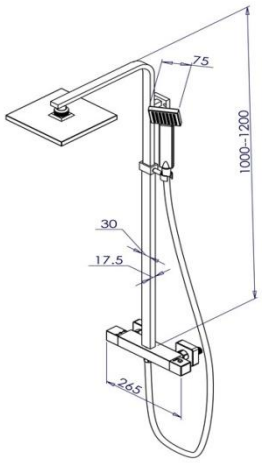
# THERMOSTATIC SQUARE SHOWER KIT (SK001)

1. Fixed Head
2. Swivel Connector
3. Lock Nut
4. Flat Rubber Washer
5. Adjustable riser - min 80cm, max 120cm
6. Back Plate
7. Chrome Cap x 2
8. Back Plate
9. 2 x Screws
10. 2 x Plastic Plugs
11 / 12. Handset Holder
13. Thread
14. Handset Bracket
15. Handset Fixing Screw
16. Handset
17. Flat Rubber Washer
18. Cranked Connector
19. Flange / Coverplate
20. Washer
21. Flexible Hose
22. Flat Rubber Washer
23. Thermostatic Mixing Valve
24. 'O' Ring Washer
25. Grub Screw






## INTRODUCTION:

Your shower kit is a thermostatic dual mixer shower which has the option of over head shower & handset shower option. The bar shower valve is a thermostatic mixer which incorporates a thermo- regulating cartridge to assure users of consistent showering temperatures. The valve has been designed & manufactured to comply with BS EN 1287:1999 & BS EN 1111:1999, and is suitable for High pressure shower use (HP-S)

## INSTALLATION:

This mixer should be installed in compliance with Water Supply (Water Fittings) Regulations 1999. If further information is required, please contact your local Water Company.

This shower is suitable for use with the following systems:

- Gravity fed Hot & Cold (equal pressures) minimum working pressure 0.5 Bar (5 metre working head) to achieve this you require 5 metre between the water outlet on your tank to the shower fixed head.
- Unvented Systems.
- Gas Combination Boiler.
- Pumped System.

Conditions of use

| | High Pressure | Low Pressure |
|---|---|---|
| Maximum Static Pressure - Bar | 5 | 0.5 |
| Flow Pressure, Hot & Cold - Bar | 0.5 - 5 | 0.5 - 1 |
| Hot Supply Temperature – degrees Celsius | 55 to 65 | 55 to 65 |
| Cold Supply Temperature – degrees Celsius | Equal to or less than 25 degrees | Equal to or less than 25 degrees |

# Installation guide

*1:* Determine the correct position and orientation for the shower valve (No23) **(150mm pipe centres)** and screw the cranked connectors (No18) into the appropriate water supplies finished with a ½" BSP female adaptor (not supplied). The installation of the shower must be with **hot inlet on the left and cold inlet on the right**.

*2:* Screw Flange/Coverplate (No19) over cranked connectors (No18)

*3:* Insert Washers (No20) into bar valve water inlets. Tighten nuts onto cranked connectors (No18). This Shower valve is clip mounted, it needs to be connected and supported by rigid pipe work. Before connecting the mixer, water must be flushed through the pipes to remove any debris.

*4:* The adjustable riser (No5) is telescopic; screw (No6) into the female thread accommodated on the top half of the adjustable riser (No5) found once pulled from the bottom half of the adjustable riser.

*5:* Screw (No6) into the female thread found on the top half of the adjustable riser (No5).

*6:* Mount the adjustable riser rail (No5) onto the nipple situated on top of the shower valve (No23) and tighten grub screw (No25) at the bottom of the adjustable riser, connecting the adjustable riser to the shower valve.

*7:* Mount the back plate (No8) over part (No6) which is situated on the top half of the adjustable riser (No5). Determine the preferred height of the adjustable riser to be fixed to the wall (No5). Mark the wall were the back plate sits (No8); fasten the back plate to the wall (No8) using the plugs and screws supplied (No9) and (No10); push chrome caps (No7) into the holes were the wall screws (No9) are housed.

*8:* Tighten the grub screw supplied to fasten on top of the back plate (No8) fastening (No8) to (No6) which in return fastens the full shower riser to the wall.

*9:* Mount the Lock Nut (No3) over the swivel connector (No2). Insert the flat rubber gauzed washer (No4) into the body of the swivel connector (No2). Tighten the (female side) swivel connector (No2) to the male thread which sits at the end of the adjustable rail (No5).

*10:* Mount the fixed head (No1) over the swivel connector (No2) and tighten with the locking nut (No3).

*11:* Insert the flat rubber washer (No22) into the nut on the end of the flexible hose (No21). Tighten the nut to the bottom male thread on the shower valve (No23).

*12:* Insert the flat rubber washer (No17) into the end of the flexible hose nut (No21). Tighten the handset (No16) to the flexible hose nut.

*13:* Screw the handset holder thread bar (No12) into the handset holder (No11).

*14:* Screw the handset thread (No13) and the handset bracket (No14) to the handset holder (No11) using the handset fixing screw (No15)

*15:* Water test.