

General Specifications

Water Pressures

Valves are designed to operate on water supplies of **EQUAL** pressures and volumes.

- TB10 ELP & ELPT **15 - 300 kPa**
(Minimum head 1400mm—measured from water level in cold storage tank to shower rose).
- TB10 EHP **300 - 1000 kPa**

Water Temperatures (Hot water range)

- TB10 ELP **70° - 80°C**
- TB10 ELPT **50° - 55°C** (Tempered)
- TB10 EHP **50° - 80°C**

Inlet/Outlet Connections

NZ models: Male 1/2" BSP (fits 15mm nom. bore 1/2" internal pipe)
Aust. models: Male 1/2" BSP (fits Ø1/2" external pipe)

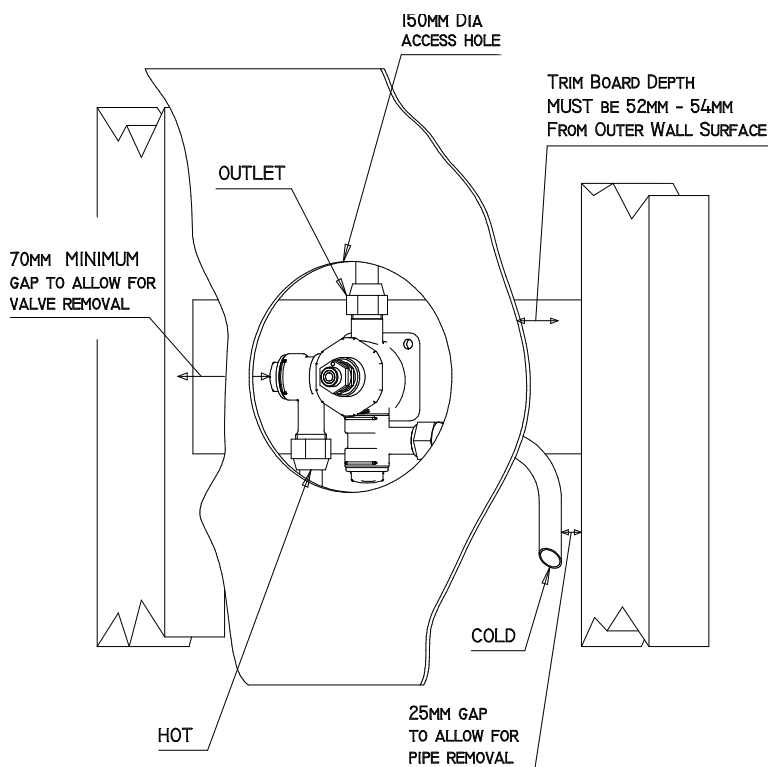
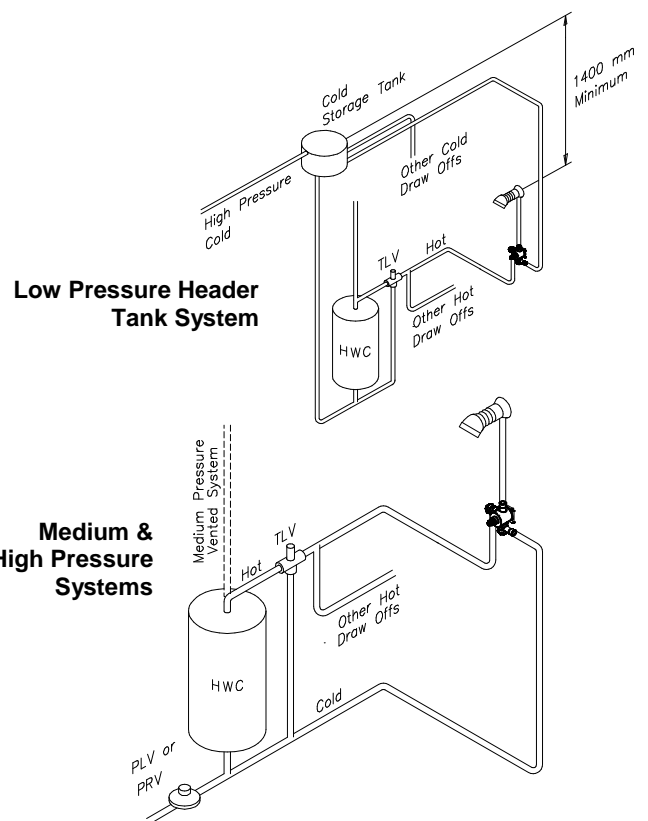
Dimensions

Valve size: 120mm(w) x 120mm(w) x 90mm(h)
Valve weight: 1.2 kgs
Fascia plate dia: 175mm (cut 150mm access hole)
Trim board depth: 52-54mm (from outer surface of finished standard wall lining)

Materials

Body: Hot forged brass
Fascia Plate: Stainless-steel

Simplified Plumbing Requirements (for mixer only)



Notes:

- This valve is not designed to withstand frost damage without adequate protection — lag system if any likelihood of pipes freezing.
- Inspect total system for leaks with the mixing valve in both ON and OFF positions.

Installation Guide

1. Ensure hot and cold water supplies are of **equal pressure and volume**.
2. Fit **stop-taps** in system to enable easy isolation of mixing valve.
3. Fit in-line filters to both hot and cold supplies.
4. Run pipe work to **avoid airlocks** in low pressure systems.
5. Flush pipe-work fully **BEFORE** installation of valve.
6. Firmly fix mixing valve to mounting board. Allow **52 - 54mm** from this mount to the outer surface of the finished shower wall .
Valve should be in the vertical position with the outlet at top (or mounted so a corner of the hexagon drive nut is vertical).
7. Fit inlet and outlet pipes – **hot and cold as per diagram**.
8. Cut **150mm** diameter hole as shown in sectioned view to provide access for servicing.
9. Control set fitting—special instructions **Ultra 125** : Ensure s/s washer supplied is fitted under the head of the hexagon screw . The fascia nut can be tightened with either 3/4" BSP box spanner or a 30mm socket.
10. Finally, check that safety stop is operating and control can only be turned on through cold (except Classic 115 model).