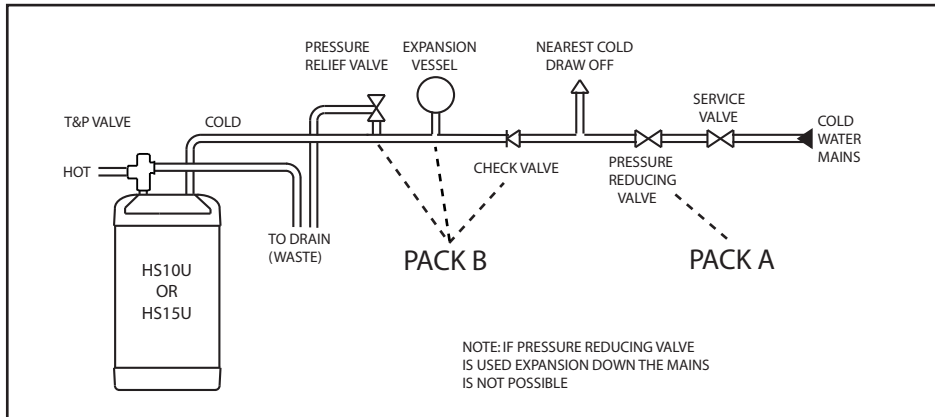


## FITTING INSTRUCTIONS - Unvented Water Heater Packs

These instructions should be read in conjunction with the Heatstore Fitting and User Instructions supplied with the Heatstore heater.



### PACK A Code No. 94 970 019

Pack contains:  
COMBINED STRAINER/PRESSURE REDUCING VALVE

### Important:

This Pack should be used in conjunction with the Heatstore water heater and PACK B where the cold water mains exceeds 4.1 bar (60 psi).

### Installation

- 1 The controls must be installed in the cold water mains supply to the Heatstore heater. Refer to the Heatstore Fitting and User Instructions supplied.
- 2 If balanced cold water pressures are required to the outlets the Heatstore heater is supplying, the cold supply must be taken after the Pressure Reducing Valve, but before the Check Valve (supplied with PACK B).
- 3 To remove the STRAINER, isolate the cold water supply and unscrew the black coloured cap of the valve (ensure sufficient clearance is left around the valve to achieve this).
- 4 The STRAINER can be washed under clean running water.

### PACK B Code No. 94 970 020

Pack contains:  
EXPANSION VESSEL  
PRESSURE RELIEF VALVE  
CHECK VALVE

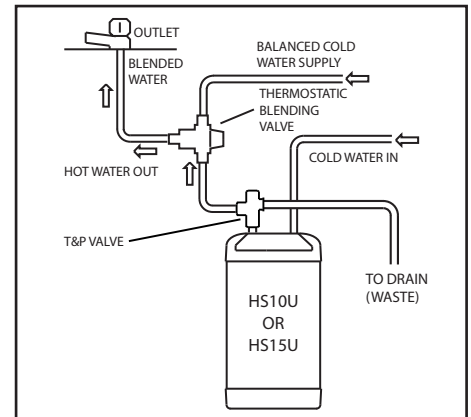
### Important:

This Pack should be used if it is not possible to accommodate expanded water within the pipework to the heater (refer to Heatstore Fitting and User Instructions supplied with the Heatstore heater for full details).

If the cold water mains supply exceeds 4.1 bar (60 psi) PACK A should also be used. Failure to do so will result in discharge from the Temperature/Pressure Relief Valve.

### Installation

- 1 The controls must be installed in the cold water mains supply to the heater in the order shown in the diagram above. Refer to the Heatstore Fitting and User Instructions supplied to determine which are necessary.
- 2 The discharge connection on the Pressure (Expansion) Relief Valve must be connected to a discharge pipe. Full discharge Pipe Requirements are given in the Fitting and User Instructions supplied with the heater. It is possible to join the Pressure(Expansion) Relief Valve discharge pipe to the discharge pipe from the Temperature/Pressure Relief Valve.
- 3 Commissioning and Maintenance Instructions are given in the Heatstore Fitting and User Instructions supplied with the heater.



### PACK C Code No. 94 970 021

Pack contains:  
THERMOSTATIC BLENDING VALVE

### Installation

- 1 Two 15mm - 1/2" union adaptors with integral strainers, washers and check valves are supplied for hot and cold connections.
- 2 Connect the water heater outlet to the hot water connection of the blending valve (Marked 'H').
- 3 Connect the cold water supply to the cold water connection of the blending valve (Marked 'C').
- 4 The outlet connection of the blending valve (Marked 'MIX') can be connected to the outlet fittings using the plain union adaptor.

#### NOTE:

The Thermostatic Blending Valve should be sited as close as possible to the outlet points to minimise heat loss from the pipework. Please ensure that all relevant Codes of Practice or site regulations are adhered to during installation.

#### COMMISSIONING:

To ensure

- 1 a) any bacteria is rapidly killed within the water heater, and  
b) efficient performance,  
it is recommended that the storage temperature within the Heatstore is set to a minimum of 60°C (maximum temperature setting 75°C).
- 2 The Thermostatic Blending Valve should then be set to give a comfortable user temperature, usually approximately 40°C.  
The graduations on the adjustment knob correspond to the following approximate blended temperatures:

MIN	1	2	3	4	5	6	MAX
°C	35	40	42	46	49	52	59