

Range Tribune Xe and Albion Ultrasteel Plus

Addition to the unvented cylinder kit: hot water outlet non return valve

IMPORTANT

This is an addendum to the Kingspan Installation & Maintenance Instructions for an unvented hot water cylinder with internal thermal expansion.

Hot water outlet non return valve: installation and commissioning.

The non return valve is required to prevent back-pressure from the cold water entering the cylinder via the hot water outlet. Failure to fit the non return valve provided in accordance with the below instructions may result in warranty claims being refused.

INSTALLATION INSTRUCTIONS

The non return valve (part number 0027728) **must be located in the same space as the unvented cylinder and be clearly visible.** It must be fitted in the pipework immediately after the hot water outlet from the cylinder. If an elbow is required immediately after the hot water outlet boss, then the non return valve may be fitted in the first available straight section of the pipe after the elbow,

providing this is within the cylinder cupboard and visible.

The non return valve body includes 2 compression fittings, one at each end, to enable the valve to be connected into standard 22mm pipework.

Cut a short length of 22mm copper pipe (e.g. 75-100mm to suit your installation) to fit between the hot water outlet boss on the cylinder or the elbow and the upstream side of the non return valve.

IMPORTANT: You must ensure the non return valve is connected in the correct orientation, with the arrow in the direction of flow of the water i.e. pointing away from the cylinder.

Connect the downstream side of the non return valve to the rest of the hot

water system using 22mm copper pipe. Tighten connections and check for leaks after the system is pressurised.

Note: If no water is delivered to the hot taps, make sure the non return valve is installed correctly with the arrow pointing in the same direction as the flow of water.

Continue with the remainder of the installation and commissioning process as per the installation manual.

Ensure this sheet is handed over to the homeowner along with the installation manual.

DRAINING THE CYLINDER

IMPORTANT: When draining the cylinder you must hold open the T&P valve to break any vacuum and prevent damage to the cylinder.

