

Using Ultrasteel HE units in parallel

For applications where very high flowrate or larger amounts of storage are required two or more Ultrasteel units can be linked in parallel.

When linking two cylinders a separate cold feed is taken to each one and the outlets are joined together. The flowrate available doubles (subject to the cold main). The demand for hot water will vary considerably between types of buildings and activities taking place there, for example

An office building will require small quantities frequently to many outlets during normal and overtime office hours.

A factory production line will have a peak demand at the breaks in the shift or at the end when the work force may all want to wash their hands simultaneously.

A sports pavilion will need to be able to provide large quantities of hot water for the teams showering needs, over a short period of time after the game.

So your selection must take into account a number of things:

- 1) The maximum simultaneous hot water demand
- 2) The total hot water demand required
- 3) The required system reheat time

