

# Electric Hot Water Pearl

## WALL MOUNTED MULTI-POINT COMMERCIAL WATER HEATER

The Pearl is an electrically heated, wall-mounted, storage unit designed for multi-point application in schools, premises, portable buildings and cloakrooms. It is supplied complete with wall-mounted brackets and has a durable, easy-clean, white steel case. This is ideal for use in schools and other situations where safety is of paramount importance.

## ELECTRIC SINGLE AND MULTI-POINT HOT WATER STORAGE UNIT

The Elson Pearl provides a low-cost solution to the need for a compact hot water unit suitable for single and multi-point use.

### PEARL STANDARD

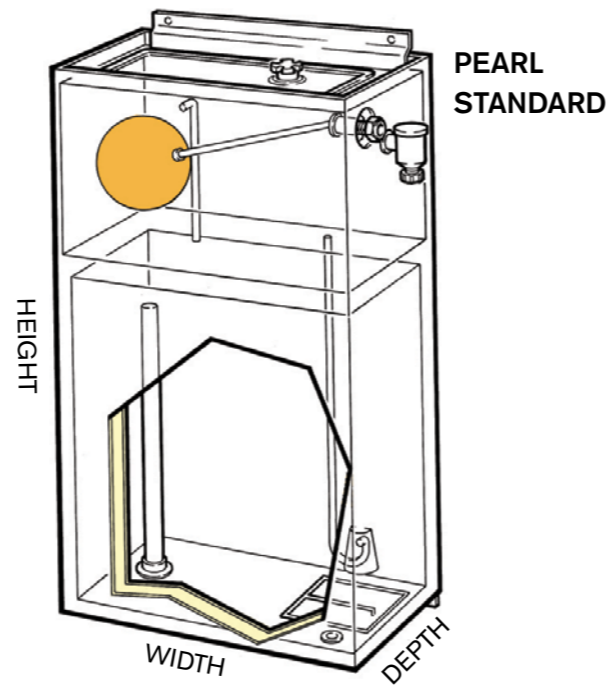
Is the basic model with provision for an 11" 3kW side-entry immersion heater and thermostat to be fitted by the installer.

### PEARL X

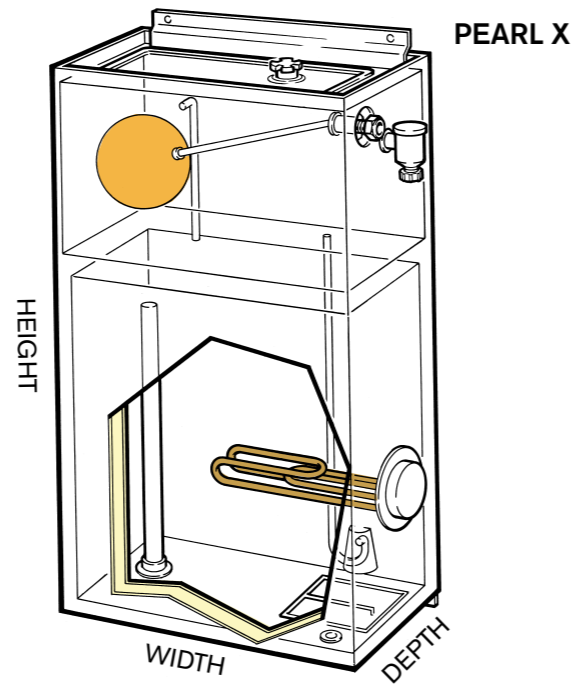
Is supplied with a CE marked 11" 3kW side-entry immersion heater and thermostat complete with over temperature safety cut out factory-fitted.

### PEARL PLUS

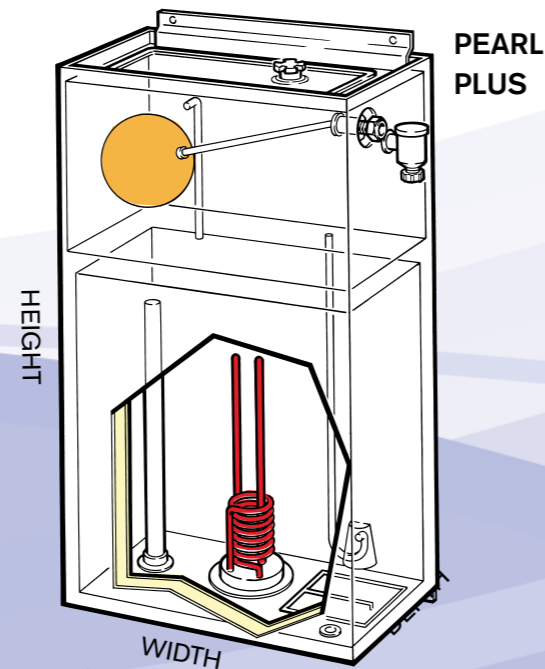
Is supplied with a CE marked special bottom-entry element plate assembly, which includes not only the 3kW heater and thermostat but a non self-resetting high-limit thermal cut-out.



PEARL STANDARD



PEARL X



PEARL PLUS

- High performance CFC-free insulation
- BS 1212 (Part 2) Ball Valve and Plastic Float



# Electric Hot Water Pearl

|                                      |  |
|--------------------------------------|--|
| <b>CAPACITIES</b>                    | 25, 50, 70, 90 Litres  |
| <b>SUITABLE TARIFF</b>               | All electric tariffs   |
| <b>HOT WATER DRAW OFF CONNECTION</b> | 22mm BS compression  |
| <b>KITEMARK</b>                      | BS 3198:1981   |
| <b>BALL VALVE CLEARANCE</b>          | 225mm clearance is required between the top of the unit & ceiling for access to the ball valve |
| <b>BALL VALVES</b>                   | BS 1212 (part 2) Ball valve and float  |



PEARL STANDARD



PEARL X



PEARL PLUS

## APPLICATION GUIDE

| Capacity Litres | Width mm | Depth mm | Height mm | Full Weight kilos | Max Daily Heat Loss | Application Guide |
|-----------------|----------|----------|-----------|-------------------|---------------------|-------------------|
| 25              | 465      | 190      | 795       | 47.27             | 0.24 K.W.H.         | 1-3 washbasins    |
| 50              | 465      | 315      | 795       | 75.00             | 0.48 K.W.H.         | 3-5 washbasins    |
| 70              | 465      | 335      | 882       | 100.91            | 0.67 K.W.H.         | 5-7 washbasins    |
| 90              | 465      | 375      | 940       | 127.27            | 0.86 K.W.H.         | 7-9 washbasins    |

The above application guide is for general guidance only. Heat loss figures exceed the requirements of BS 3198:1981