

THE UK'S NO.1 RETROFIT COMBINATION HOT WATER STORAGE UNIT

The Diamond is an indirectly heated combination hot water storage unit and is the most widely used indirect Elson product. Providing gravity hot water, it can be installed at high level in a cupboard or in a roof space. By incorporating both the domestic cold feed cistern and primary feed and expansion tank in one unit, it is the cost-effective alternative to inefficient, old-fashioned tanks and cylinders. Through both its design and HCFC-free insulation properties, significant saving can be made in installation time and energy costs.

ELSON DIAMOND INDIRECT HOT WATER STORAGE UNIT

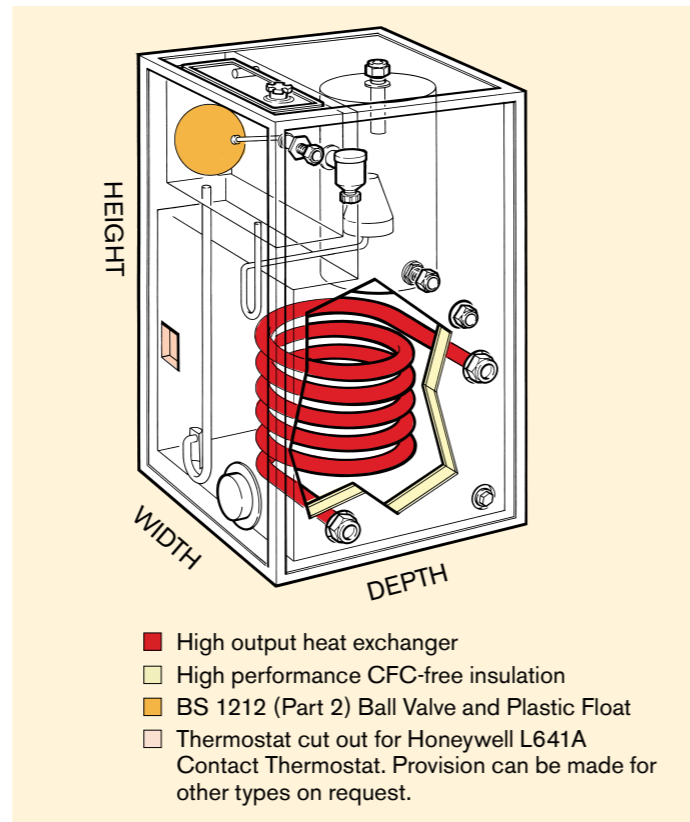
An extremely versatile product compatible with most heat only boilers, and immensely popular within the domestic heating industry.

Used in place of a cylinder and header tanks, significant financial savings can be made in installation time and because of the very low heat loss, the Diamond maintains low running costs.

With immersion heater boss on the front, the pipe connections can be on the left or right hand side.

DIAMOND VERSATILITY

Even with future changes to the heating installation the Diamond would not require to be replaced. For example, should the heating system be changed from open vented to a sealed primary circuit it can be adapted by simply blanking off the primary cold feed and primary vent connections.



OPTIONS & EXTRAS
CE MARKED SUPERLOY 11" IMMERSION HEATERS AND THERMOSTATS - FACTORY FITTED
LOCKSHIELD DRAIN COCK TO BS2879-2
PURPOSE-MADE STAND WITH SLATTED TIMBER SHELVING
A HIGHER OUTPUT COIL IS AVAILABLE TO MEET SPECIFIC REQUIREMENTS
28MM HOT AND/OR COLD WATER DRAW OFF CONNECTIONS
ADDITIONAL IMMERSION HEATER BOSS



CAPACITIES
100, 115, 135, 160, 180 & 225 Litres
HEAT SOURCE
Gas, Oil or Solid fuel boiler
HOT WATER DRAW OFF CONNECTION
22mm BS compression
KITEMARK
BS 3198:1981
BALL VALVE CLEARANCE
225mm clearance is required between the top of the unit & ceiling for access to the ball valve
BALL VALVES
BS 1212 (part 2) Ball valve and float

APPLICATION GUIDE

Capacity Litres	Width mm	Depth mm	Height mm	Full Weight kilos	Max Daily Heat Loss	Pumped Primary	Gravity Primary
100	535	495	840	133	0.96 K.W.H.	1 person	1 person
115	535	540	840	155	1.10 K.W.H.	1-3 persons	1-2 persons
135	535	570	840	176	1.30 K.W.H.	3-5 persons	3-4 persons
160	535	660	840	199	1.54 K.W.H.	5-6 persons	4-5 persons
180	535	725	840	221	1.73 K.W.H.	6-7 persons	5-6 persons
225	535	860	840	267	2.16 K.W.H.	7+ persons	6+ persons

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



- The Diamond can be manufactured to suit limited space applications or where restricted access may be a problem.
- BS3198 applies to capacities between 100 and 180 litres.