

TWIN BALL VALVE HOT WATER STORAGE UNIT

The Emerald is an indirectly heated combination hot water storage unit providing gravity domestic hot water, and can be installed at high level in a cupboard or in a roof space. By incorporating separate domestic cold feed cistern and primary feed and expansion tank, in one compact unit, it provides the cost-effective alternative to inefficient, tank and cylinder installations. Through its design and HCFC-free insulation properties significant savings can be made in installation time and energy costs. As both domestic and primary feed cisterns have their own ball valve and overflow, the Emerald conforms to the British Gas specification.

ELSON TWIN BALL VALVE HOT WATER STORAGE UNIT

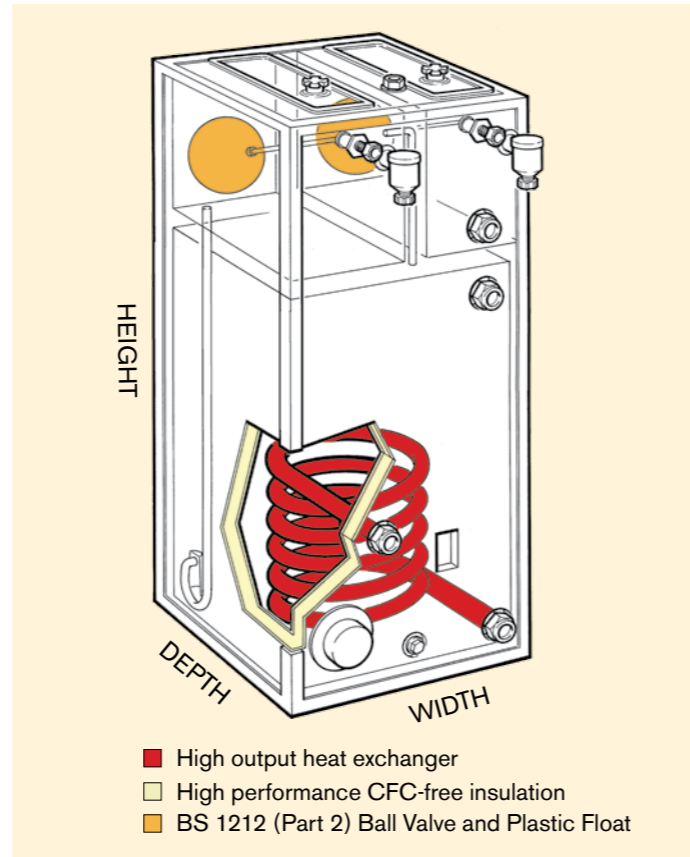
An extremely versatile product compatible with all open vented boilers and immensely popular within the domestic heating industry.

Available in five standard capacities, the Emerald can be used with Gas, Oil or solid fuel boilers.

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 Emerald maintains low running costs.

Thermostat cut out for Honeywell L641A Contact Thermostat. Provision can be made for other types on request.

To reduce installation time, all connections are easily accessible on the front of the unit.



OPTIONS & EXTRAS
CE MARKED MAXISTORE 11" IMMERSION HEATERS AND THERMOSTATS - FACTORY FITTED
LOCKSHIELD DRAIN COCK TO BS2879-2
PURPOSE-MADE STAND WITH SLATTED TIMBER SHELVING
"SHOWERPLUS" FOR MAINS PRESSURE SHOWERING (PLEASE REFER TO THE LEAFLET)
28MM HOT WATER DRAW OFF CONNECTION
ADDITIONAL HOT WATER DRAW OFF CONNECTION
ADDITIONAL IMMERSION HEATER BOSS
HOT WATER RETURN CONNECTION
ENERGY SAVER OPTION AVAILABLE



CAPACITIES
100, 115, 135, 160, 180 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
BRITISH GAS SPECIFICATION
BGC/DCM/107



APPLICATION GUIDE

Capacity Litres	Width mm	Depth mm	Height mm	Full Weight kilos	Max Daily Heat Loss	Pumped Primary	Gravity Primary
100	530	530	870	133	0.96 K.W.H.	1 person	1 person
115	530	530	946	155	1.10 K.W.H.	1-3 persons	1-2 persons
135	530	530	1047	175	1.30 K.W.H.	3-5 persons	3-4 persons
160	530	530	1170	214	1.54 K.W.H.	5-6 persons	4-5 persons
180	530	530	1260	229	1.73 K.W.H.	6-7 persons	5-6 persons

The above application guide is for general guidance only.

The Emerald can be manufactured to suit limited space applications or where restricted access may be a problem. Heat loss figures exceed the requirements of BS 3198:1981