

Indirect Hot Water Amethyst

DESIGNED FOR TODAY'S SEALED SYSTEM APPLICATIONS

The Amethyst is an indirectly heated combination hot water storage unit providing gravity hot water, and can be installed at high level in a cupboard or in a roof space. Designed for sealed primary systems, district heating schemes, central boiler plants or even open vented primary systems using an external primary feed and expansion tank and cold water feed cistern, the Amethyst contains a domestic feed cistern and can be heated using either gas or oil boilers. Because of its design and HCFC-free insulation properties, significant savings can be made in installation time and energy costs.

Perfect for use with system boilers as well as individual sealed heating systems. By using this unit instead of a cylinder and header tank, significant financial savings can be made in installation time and energy costs.

ELSON AMETHYST HOT WATER STORAGE UNIT

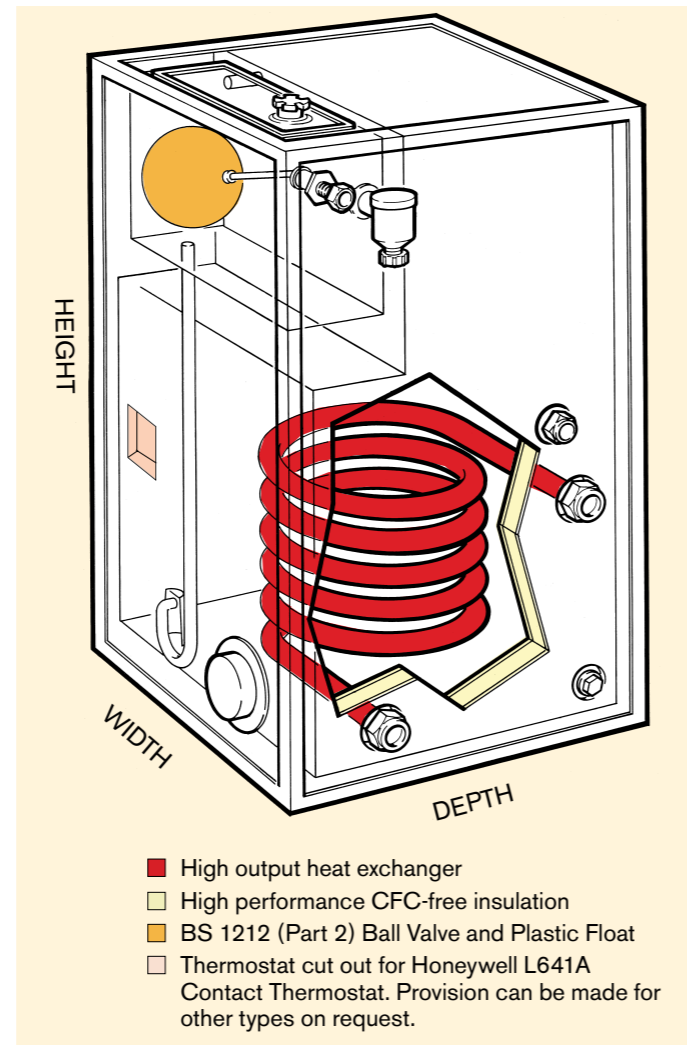
The Amethyst is widely used throughout the UK for use in district heating schemes, central boiler systems and individual sealed heating installations.

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

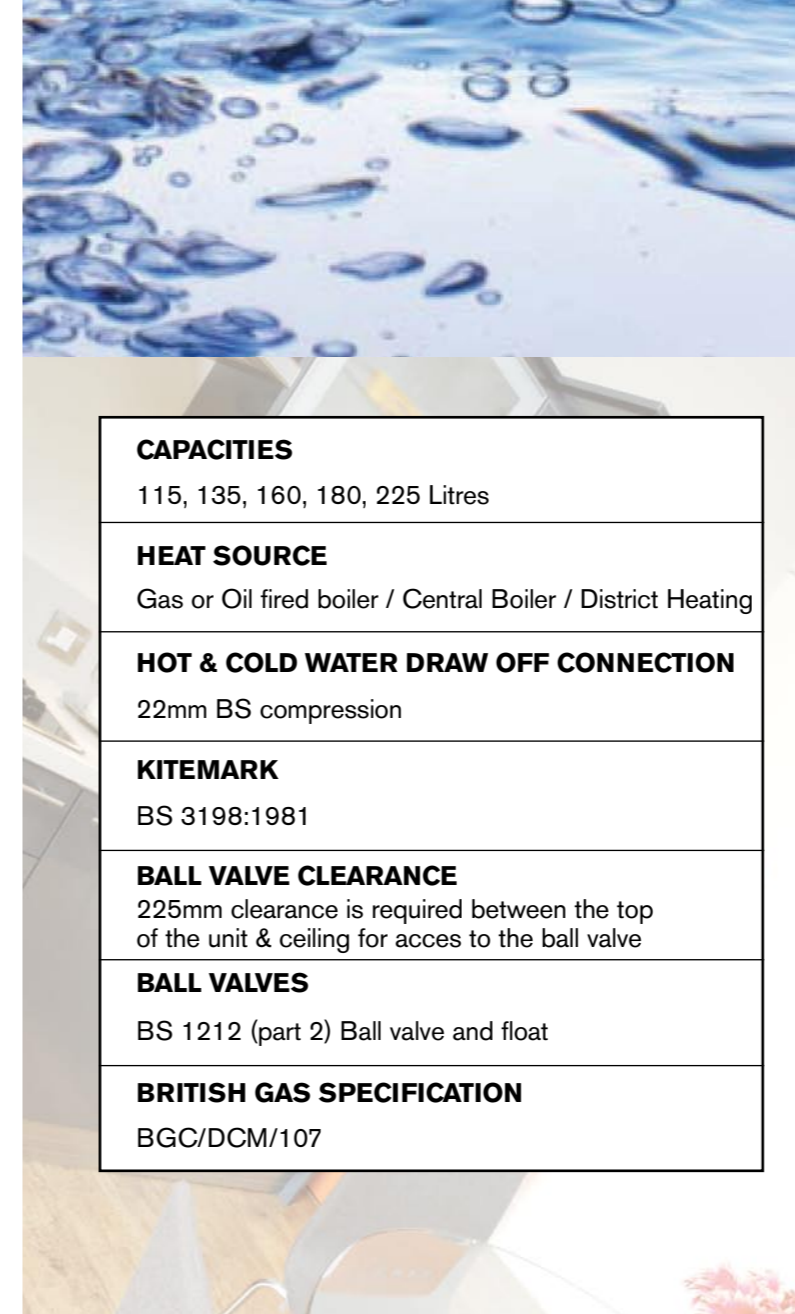
Used in place of a cylinder and header tanks, significant financial savings can be made in installation time and because of the very low heat loss, the Emerald maintains low running costs.

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 SUPERLOY 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	115, 135, 160, 180, 225 Litres
HEAT SOURCE	Gas or Oil fired boiler / Central Boiler / District Heating
HOT & COLD 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



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APPLICATION GUIDE

Capacity Litres	Width mm	Depth mm	Height mm	Full Weight kilos	Max Daily Heat Loss	Application Guide
115	535	508	840	153	1.10 K.W.H.	1-3 persons
135	535	570	840	176	1.30 K.W.H.	3-5 persons
160	535	660	840	199	1.54 K.W.H.	5-6 persons
180	535	725	840	221	1.73 K.W.H.	6-7 persons
225	535	860	840	267	2.16 K.W.H.	7+ persons

The Amethyst 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