



# Ormandy Ltd

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## HOT WATER STORAGE TANKS TECHNICAL DETAILS

THIS INFORMATION IS ISSUED IN ACCORDANCE WITH THE REQUIREMENTS OF EUROPEAN DIRECTIVE 2009/125/EC ECODESIGN FOR ENERGY USING PRODUCTS & 2010/30/EU LABELLING AND STANDARD PRODUCT INFORMATION OF THE CONSUMPTION OF ENERGY AND OTHER RESOURCES BY ENERGY RELATED PRODUCTS

### STANDARD RANGE OF STORAGE TANK IDENTIFICATION DETAILS & THERMAL PERFORMANCE CHARACTERISTICS

Volume in Litre	Diameter	Insulation Thickness	Heat Loss Watts	Energy Class
250	660	75	55.84	B
300	760	75	57.47	B
350	760	75	64.28	B
400	760	75	71.09	B
450	760	75	77.90	B
500	835	75	84.30	B

75MM Mineral Wool Insulation c/w Stucco aluminium outer case

### Installation

Installation of Calorifiers should only be undertaken by competent personnel, any electrical works must be undertaken by suitably qualified personnel. In all cases the Operating / Maintenance & Installation instructions should be read before any work commences. Calorifiers should be mounted on prepared foundations which are level. Horizontal Calorifiers are normally supported by loose cradles, which need to be positioned clear of the drain connection and leave access to any flanges for tightening bolts. Where the calorifier has been supplied unlagged the client is responsible for meeting the requirements of EU812/2013 & EU814/2013. Ormandy are unable to supply energy labels for unlagged vessels.

### Life Cycle Information Disposal and Recycling

**This product does not contain any Hazardous substance and has been designed and manufactured for the processing of Group 2 liquids only**

*The following EWC codes represent the materials of construction for this equipment all of which can, and should be, recycled through accredited waste contractors licenced for the particular EWC code. Electrical and Electronic components should be recycled through the WEEE waste stream again via accredited waste contractors with the appropriate licence*

- 17-04-01 Copper Vessel and Pipework
- 17-04-02 Insulation Cladding
- 17-04-05 Carbon steel skid and associated supports
- 17-06-04 Thermal Insulation materials
- 17-04-07 Mixed metals / connections etc
- 20-01-35 Electrical and electronic components

The conformity of the designated product with the provisions of the European Directive 2009/125/EC & 2010/30/EU is given by the compliance with the following European Implementing Directives and associated standards

- 814/2013 Commission Regulation implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for water heaters and hot water storage tanks
- 812/2013 Commission Delegated Regulation supplementing Directive 2010/30/EU of the European Parliament and of the Council with regard to the energy labelling of water heaters, hot water storage tanks and packages of water heater and solar device
- EN12897 Water Supply – Specification for indirectly heated unvented (closed) storage water heaters
- EN15332 Heating boilers – Energy assessment of hot water storage tanks
- EN60379 Methods for measuring the performance of electric storage water heaters for household purposes

Chief Executive Ormandy Ltd

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