

# Hot Water Calorifier

Indirect Cylinder, Glass Lined Steel  
250, 350, 500 & 800 Litre



Working towards  
a cleaner future

**POTTERTON**  
COMMERCIAL  
heating specialists

## Introduction

The Potterton Commercial glass-lined Calorifier is available in 250L, 350L, 500L & 800L units. All units can be installed in single or in modular arrangements of up to 4 units, to satisfy the needs of an individual dwelling or collective buildings such as hotels, retirement homes, hospitals, sports facilities, office blocks etc, up to 200 dwellings or equivalent.

The Calorifier has been designed to allow for ease of transportation and installation, with purpose made crating and compact dimensions. The Calorifier is glass-lined (enamelled) which is a very hygienic coating resistant to corrosion

and scale, and allows operation with hard or chlorinated water.

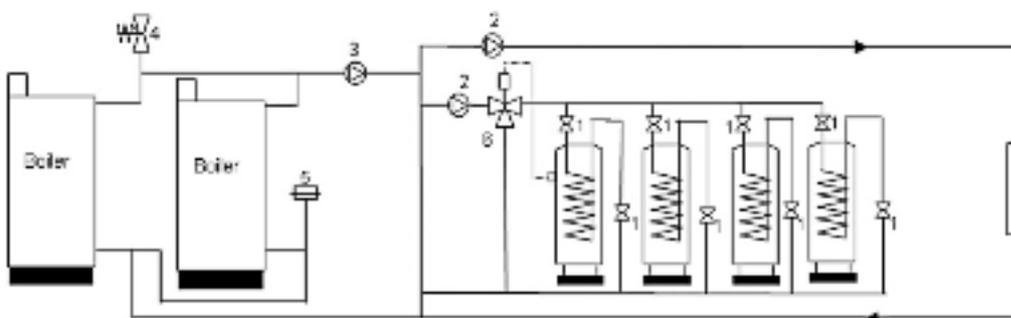
A magnesium anode provides additional cathodic protection and can easily be checked and replaced. The Calorifier is available in two options: Vented which

includes three way vent valve or Unvented which includes pressure reducing, non return and P&T valves plus expansion vessel.

Modular options of upto 4 units are also available, please refer to the O&M Manual for further information.

## Calorifier Technical Details

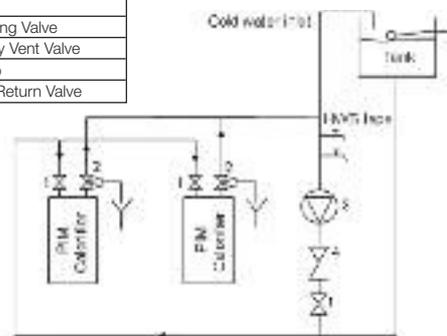
### Primary System Design



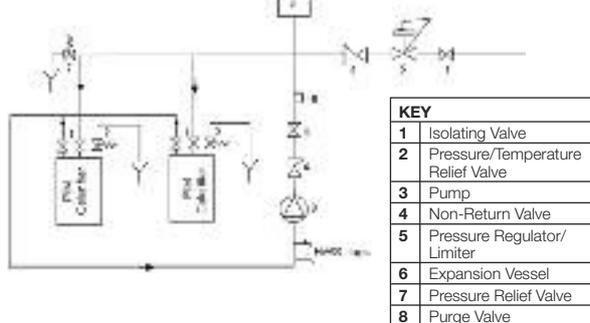
KEY	
1	Isolating Valve
2	Heating Pump
3	Recycling Pump
4	Pressure Relief Valve
5	Expansion Vessel
6	3-Way Motorised Valve

### Vented HWS Circuit

KEY	
1	Isolating Valve
2	3-Way Vent Valve
3	Pump
4	Non-Return Valve

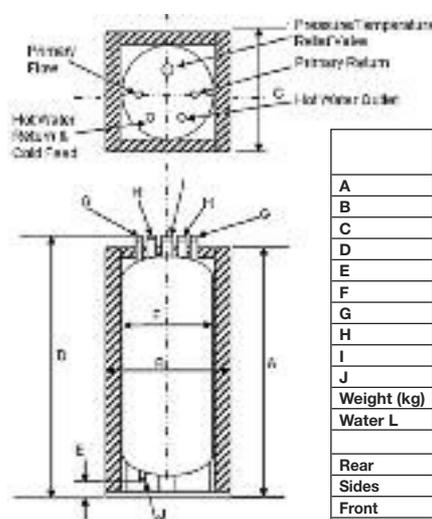


### Unvented DHW Circuit



KEY	
1	Isolating Valve
2	Pressure/Temperature Relief Valve
3	Pump
4	Non-Return Valve
5	Pressure Regulator/Limiter
6	Expansion Vessel
7	Pressure Relief Valve
8	Purge Valve

### Dimensions



	Tank Sizes (Dimensions in mm)			
	250L	350L	500L	800L
A	1367	1777	1777	1777
B	707	707	807	807
C	705	705	805	1005
D	1425	1835	1835	1835
E	172	172	172	172
F	603	603	702	900
G	1"	1"	1"	1"
H	1½"	1½"	1½"	1½"
I	¾"	1"	1½"	1½"
J	1½"	1½"	1½"	1½"
Weight (kg)	170	233	286	390
Water L	250	350	500	800
Recommended Clearances				
Rear	600mm			
Sides	400mm			
Front	1000mm			
Top	600mm			

**Note:**  
 G = primary Feed  
 H = Secondary Feed  
 I = Pressure/Temperature relief valve  
 J = Drain  
 Maximum working pressure 10 Bar

All descriptions and illustrations contained within this leaflet have been carefully prepared, but we reserve the right to make changes and improvements in our products which may affect the accuracy of the information in this leaflet.

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