

# EVOPLATE – Hot water on demand

The Ormandy **EVOPLATE** is a compact, highly efficient packaged water heating system capable of supplying 600 - 9000 litres per hour of continuous hot water at 60°C as well as meeting peak demands in excess of the rated input duty. The system comprises of stored water volume, instantaneous brazed plate heat exchanger, domestic circulating pump, flow regulator and direct acting primary temperature controller. The **EVOPLATE** is supplied ready fitted and is easy to install.

## EVOPLATE

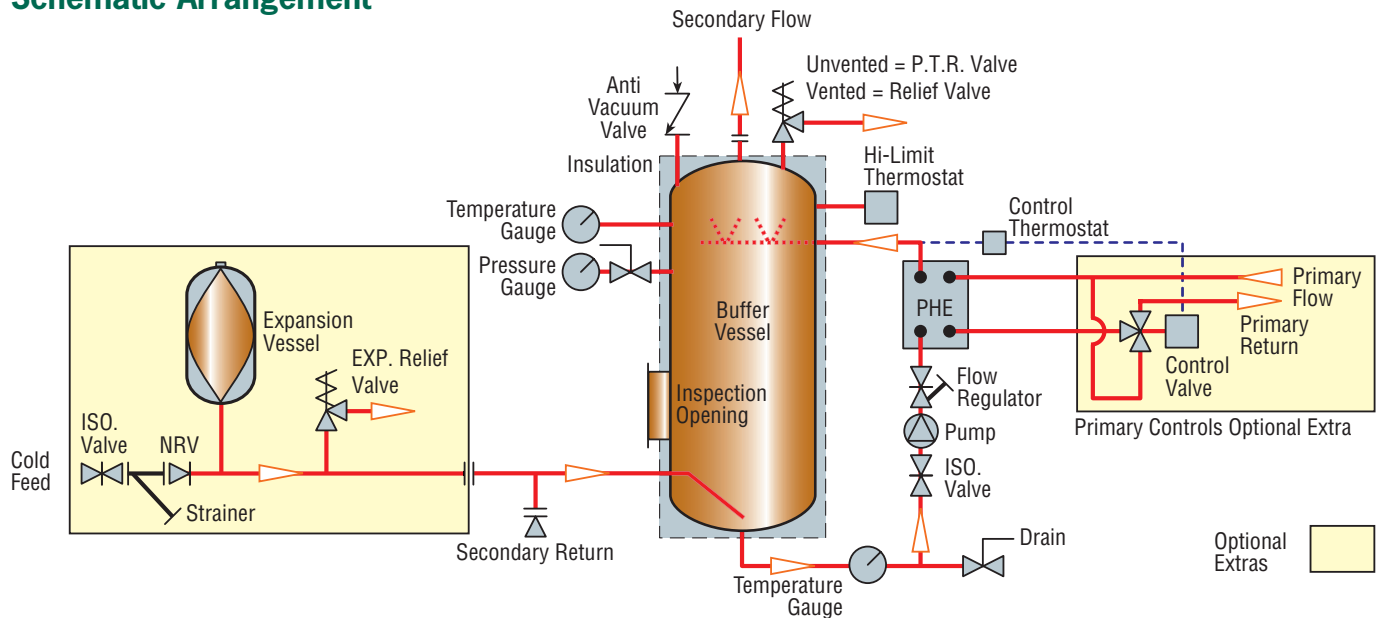
- Reduced hot water storage up to 75% less than a traditional storage calorifier.
- Lightweight with minimum footprint.
- Achieve the maximum possible performance from condensing boiler installations.
- Reduced downtime and maintenance.
- Integral dual action domestic water pump ensuring constant flow through the exchanger and reducing the risk from legionnaire's disease.
- Direct acting temperature controller. Electronic controllers are not required.
- Factory tested and ready to install.
- Fully compliant with L8 and the PED.
- Unvented kits available.
- High heat transfer co-efficients when compared with traditional storage calorifiers.
- Flexible storage buffer and heat exchanger selection to optimise equipment selection.
- Available in copper or stainless steel.



## Ideal applications for the EVOPLATE

- Residential Homes
- Medical Centres
- Schools
- Sports Clubs
- Hotels

## Schematic Arrangement



## Performance Data

STORAGE VOLUME	30 MINUTE RECOVERY POWER	HOURLY SUPPLY	PEAK FLOW FOR 5 MINS	20 MINUTE RECOVERY POWER	HOURLY SUPPLY	PEAK FLOW FOR 5 MINS	15 MINUTE RECOVERY POWER	HOURLY SUPPLY	PEAK FLOW FOR 5 MINS	10 MINUTE RECOVERY POWER	HOURLY SUPPLY	PEAK FLOW FOR 5 MINS
LITRES	KW	L/HOUR	L/SEC	KW	L/HOUR	L/SEC	KW	L/HOUR	L/SEC	KW	L/HOUR	L/SEC
300	35	600	0.97	52	900	1.05	70	1200	1.13	105	1800	1.3
500	58	1000	1.61	87	1500	1.75	116	2000	1.89	174	3000	2.17
700	81	1400	2.26	122	2100	2.45	163	2800	2.64	244	4200	3.03
1000	116	2000	3.22	174	3000	3.5	233	4000	3.78	349	6000	4.33
1250	145	2500	4.03	218	3750	4.38	291	5000	4.72	436	7500	5.42
1500	174	3000	4.83	262	4500	5.25	349	6000	5.67	523	9000	6.5

## Footprint Dimensions

VOLUME	OVERALL WIDTH	OVERALL LENGTH	OVERALL HEIGHT
300	800	950	1500
500	875	1025	1910
700	950	1100	2050
1000	1050	1200	2250
1250	1100	1250	2500
1500	1250	1400	2250

# Ormandy

Heat Exchange & Packaged Solutions

## Contact Us

Ormandy Limited, Atlas Works, Gibbet Street, Halifax HX1 4DB  
 Telephone 01422 350111 · Fax 01422 350066  
 e-mail sales@ormandy ltd.com · Website www.ormandy ltd.com ·  
 Registered in England No. 4087023

