



A-CLASS
BoilerMate OV

An open vented mains pressure heating and hot water system

- Includes SWITCH emergency heating & hot water as standard
- Models available for use with alternative energies
- Now lighter, with a smaller footprint, reduced height, yet a bigger output



Gledhill

The appliance of innovation

A-CLASS *BoilerMate OV*

An open vented mains pressure hot water and central heating system

A fully integrated thermal store, BoilerMate A-Class delivers mains pressure hot water and open vented central heating in one neat package.

- 1 Tried and tested for 22 years but now smaller and lighter **with an even bigger output**

So you can specify a smaller unit to achieve the same high performance.

- 2 Unlike unvented cylinders BoilerMate A-Class **does not require an annual service**

The appliance's advanced construction ensures a long life and the primary store design removes the need for annual checks.

- 3 Will produce more than **twice the hot water** per hour of most stainless unvented cylinders

Sufficient to fill a bath in under 4 minutes, BoilerMate A-Class is eminently suitable for multi-bathroom properties. A powerful shower can also be used without the need for expensive pumps.

- 4 **SWITCH 'peace of mind'** for the installer, developer and homeowner in the event of a boiler failure comes as standard

It's like having a service engineer with each unit - instant response to boiler failure restores heating and hot water at the press of a button.

- 5 All the necessary components for the system are **plumbed and wired internally**

BoilerMate A-Class is a true appliance. With all its system components concealed behind a beautifully engineered outer case, it consigns cupboard pipework to the history books and turns installation time into minutes.

- 6 **On board diagnostics** that can be interrogated remotely and **fault tolerant electronics** give robust performance

- 7 All pumps can be supplied as **modulating** for reduced running costs and noise for a modest extra charge

THE UK'S FIRST AND LEADING **THERMAL** **STORE** IS NOW **EVEN BETTER**

Technical Specification of A-CLASS <i>BoilerMate OV</i>					
Model	BMA 125	BMA 145	BMA 185	BMA 210	BMA 225
Height (mm)	960	1000	1040	1145	1300
Width (mm)	530	530	530	530	530
Depth (mm)	595	595	595	595	595
Min cupboard height (mm)	1710	1750	1790	1895	2050
Min cupboard width (mm)	630	630	630	630	630
Min cupboard depth (mm)	600	600	600	600	600
Pipe connections (mm)	22	22	22	28	28
Hot water flow rate (l/m) up to	35	35	35	35	35
Max boiler size (kw)	12	17	20	25	30
Bedrooms	1-3	2-3	2-4	3-5	4-6
Bathrooms	1	1	2	1 2	1 2
En-suite shower	1	2	1	4 2	4 3
Weight (empty) (kg)	45	47	50	51	56
Weight (full) (kg)	177	187	197	215	244

Notes:

1. The BMA 225 appliance is suitable for use in larger properties because it produces the same 'peak hour output' as a typical 350-400 litre unvented cylinder.
2. For properties requiring the BMA 225 the incoming main should be 32mm MDPE and minimum 2 bar dynamic pressure.
3. Plastic F and E cistern will be supplied separately including ball valve and float.
4. Unit is supplied on a 100mm high installation base (not included in appliance height dimensions, but included in cupboard heights).
5. Fully compatible with all UK domestic boilers capable of 82°C flow and 71°C return.
6. The flow rates are for a 35°C average temperature rise and assume recommended pressure and adequate flow to the appliance.

Easy to transport, handle and install

All models are supplied shrink wrapped with built in moulded lifting handles. All controls and pipe-work are mounted on the front face of the unit for ease of installation and maintenance. Gledhill's revolutionary design enables rapid second fixing using copper or approved plastic piping.



Storage Vessel

Plumbed and wired with:

- SWITCH emergency heating and hot water back up
- Grundfos UPS pump - Space heating
- Grundfos UPS pump - Boiler circuit
- Grundfos UPR pump - Hot water - modulating
- F&E Tank complete with fittings
- Full control and diagnostic system
- Clock- electro-mechanical or digital
- Fixing pallet
- Plate heat exchanger

There is no requirement for:

- Motorised valves and boiler bypass
- Pressure or temperature relief valves

BoilerMate A-Class OV is for fitting to OPEN VENTED systems. For sealed systems, separate literature is available on our BoilerMate A-Class SP by calling our sales office or visiting our web site.

Resistance to scale

- The immersion heater and primary coil can never scale because they are in primary water
- BoilerMate A-Class is designed to cope on the secondary side with most hard water situations (<250ppm) For extreme situations (>250ppm) we can supply a Gledhill in-line scale inhibitor fitted for very little extra

Approvals

BoilerMate has been tested by WRAS, a member of the European Organisation for Technical approvals (EOTA) and found to comply with Water Regulations. In performance, it complies with the requirements of BS6700 and meets the NHBC criteria for domestic properties. Gledhill Water Storage Ltd also operates a quality management system audited and accepted by the BSI in accordance with BS EN ISO 9001:2000.



SAP ASSESSMENT

The difference between an unvented cylinder and a thermal store in the SAP calculation for a dwelling is negligible, despite any standing loss difference.

For a full explanation, please ask for our SAP assessor information sheet – call 01253 474401



BS EN ISO 9001:2000
FM 2057



Pricing/Orders: 01253 474400

Technical: 01253 474401

Spares: 01253 474402

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Our appliances are distributed through Gledhill Building Products depots at Braintree, Bristol, Dudley, Hemel Hempstead, Huntingdon, Inverkeithing, Liverpool, Maidstone, Newport, Nottingham, Reading, Southampton, Totnes, Washington.

Information on the full range of Gledhill products can be found on the internet at www.gledhill.net

We support our customers in four unique ways

CUSTOMER CARE

SWITCH – Boilermate OV A-Class is supplied with an emergency heating and hot water SWITCH as standard – removing the need for an EMERGENCY response in nearly all cases.

True 'peace of mind' for all



FIELD SUPPORT

Gledhill have a Key Partner Charter (available on request) covering

- extended component warranty
- no quibble component replacement
- technical help line 7 days a week
- technical support on site
- contribution to costs

EXPERIENCE

We have been involved in water storage for longer than anyone else in the industry - count on the Gledhill family when it matters.

CARING FOR THE ENVIRONMENT

In all Gledhill products there is no release of ozone depleting substances or harmful emissions. They have an Ozone Depletion Potential of zero and a Global Warming Potential of one, in compliance with BRE Ecohomes specification. Our copper vessels are totally recyclable.

Due to a programme of continuous improvement Gledhill Water Storage reserve the right to modify products without prior notice.

It is advisable to check the product technical detail by using the latest design and installation manuals available from our technical support team or on our website.

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"Only the best is acceptable"



Sustaining World Class Manufacturing through the CBI Probe Benchmark