

THE AWARD WINNING  
**HOUSING PORTFOLIO**

of mains pressure heating & hot water packages



**A COMPREHENSIVE SERVICE FROM A SINGLE SOURCE**

- DESIGNS
- PRODUCTS
- FIELD SUPPORT

PLUS the reassurance of **SWITCH** EMERGENCY HEATING AND HOT WATER

**Gledhill**  
The appliance of innovation

# Gledhill HE. The new condensing boiler



Make it a part of your mains pressure  
**heating and hot water package** - from a single source

- **ONE 'world class' manufacturer**
- **ONE chain of supply**
- **ONE contact for field support**

# that's in 'A' Class of its own

## HIGH EFFICIENCY SEDBUK 'A' RATED

Every model in the range is SEDBUK 'A' rated, offering an energy efficiency rating of over 90%. They are fully self-modulating, enabling them to match output to demand and incorporate an exceptionally reliable pre-mix burner that ensures low NOx emissions so are as environmentally friendly as they are efficient.

## 5 MODELS WITH A CHOICE OF FLUEING OPTIONS

There are 5 models in the range, with outputs for 10kW up to 30kW, enabling you to choose an option to suit any need, from a small home to a large house. The range of flueing options available is just as flexible - in kitchens

### Gledhill HE Boiler - Performance Data

Model	GB 10	GB 15	GB 20	GB 25	GB 30
Output (kW)	10	15	20	25	30
(Btu/h)	34,121	51,182	68,242	85,303	102,343
SEDBUK rating	A	A	A	A	A
NO <sub>x</sub> Class	5	5	5	5	5
Dimensions HxWxD (mm)	580 x 380 x 280		580 x 380 x 330		
Weight (kg)	24.5	24.5	29.5	29.5	29.5

and utility rooms through the mounting wall, airing cupboards to ridge to eliminate plumbing issues or long horizontal runs to help in enabling siting to suit a wide variety of applications.



## COMPACT & LIGHTWEIGHT

The Gledhill HE range is as compact as any high efficiency boiler available and, as it does not require a ventilated compartment, it offers complete flexibility of siting - even in a kitchen cupboard. A low lift weight as little as 24.5 Kg for the 10kW and 15 kW models, makes it easy to handle, deliver and install.

## SIMPLE TO INSTALL

Gledhill's installer-friendly design make it a hassle-free, one man job. It's suitable for use with any double feed



storage vessel but has been designed to work particularly well with the Gledhill BoilerMate or Accolade A-Class. With a low voltage two-wire bus to BoilerMate, the whole system can be diagnosed at one point, or even read remotely and a comprehensive diagnostic programme makes identifying and rectifying problems a simple task.

## EASY TO OPERATE

One of the many outstanding features of the Gledhill HE boiler is its simplicity. Advanced design has refined-out all unnecessary and over-complex components and controls, so there is just one switch to turn the boiler on or off, everything else is taken care of by its intelligent electronics.

## COMPREHENSIVE SPARES & AFTER SALES SUPPORT

The Gledhill HE boiler is backed by a 7 days a week technical help desk supported by a team of experienced field-based engineers and a nationwide spares network.



This product has an energy rating A on a scale of A-G. For more information see [www.boilers.org.uk](http://www.boilers.org.uk)

# PLUS *BoilerMate* A-CLASS

## THE UK'S FIRST AND LEADING THERMAL STORE

- 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 **Powerful mains pressure hot water performance**

BoilerMate A-Class will produce more than twice the hot water per hour than most stainless steel unvented cylinders, making it the ideal choice for today's modern homes with multiple bathrooms and showers - and it gives power shower performance.



- 4 **A true appliance that's good looking and simple to install**

All of the system components for BoilerMate A-Class are factory fitted, tested and contained within an attractive outer case, so it's not only simple to install, it has real cupboard appeal.



Technical Specification of <i>BoilerMate</i> <small>A-CLASS</small>					
Model	BMA 125	BMA 145	BMA 185	BMA 210	BMA 225
Height (mm)	903	903	1042	1142	1300
Width (mm)	530	530	530	530	530
Depth (mm)	595	595	595	595	595
Min cupboard height (mm)	1653	1653	1792	1892	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)	15	20	25	30	35
Bedrooms	1-3	2-3	2-4	3-5	4-6
Bathrooms	1	1	2	1 2	1 3 4
En-suite shower	1	2	1	4 2	4 2 0
Weight (empty) (kg)	43	43	45	47	49
Weight (full) (kg)	168	168	192	211	235

#### 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 35mm 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.

- 5 **On board diagnostics that can be interrogated remotely and fault tolerant electronics give robust performance**
- 6 **All pumps can be supplied as modulating for reduced running costs and noise for a modest extra charge**
- 7 **The ideal complement to solar, mCHP or heat pump alternative energies. Details available.**

## PLUS *switch* emergency h

### ELIMINATE THE POSSIBILITY OF 'NO CENTRAL HEATING'

The revolutionary Gledhill SWITCH is the industry's only emergency support system that ensures continuity of supply, including the central heating, in the event of boiler problems. SWITCH is designed to take the heat out of boiler problems with an electric heating source built into the thermal store to provide heating and hot water.



# OR PLUS **A-CLASS** Accolade

## A REVOLUTION IN PACKAGED UNVENTED CYLINDERS

### **Tried and tested** for nearly 20 years in the market place

The Accolade A-Class is the latest evolution of Britain's first ever mains-pressure unvented cylinder, which was introduced by Gledhill in 1987.

### **Up to twice as much hot water per hour than other unvented cylinders**

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

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

Accolade 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.



Technical Specification of <b>A-CLASS</b> Accolade										
Indirect										
Model	H (mm)	W (mm)	D (mm)	Selection Guide (indirect only)	Coil rating (kW)	Heating from cold time <sup>(1)</sup> (mins)	Recovery time <sup>(2)</sup> (mins)	Hourly hot water output <sup>(3)</sup> (litres)		
								15kW boiler	25kW boiler	35kW boiler
ACA125 IND	1080	595	595	2/3 bedrooms, 1 bath	35	11	7	339	505	670
ACA150 IND	1140	595	595	2/3/4 bedrooms, 1 bath & 1 shower	35	14	9	367	533	698
ACA180 IND	1370	595	595	3/4 bedrooms, 1 bath & 2 showers	35	17	11	394	560	725
ACA210 IND	1600	595	595	3/4/5 bedrooms, 2 baths & 1 shower	44	16	10	420	586	751
ACA240 IND	1950	595	595	4/5 bedrooms, 2 baths & 2 showers	44	20	13	464	630	795

<sup>(1)</sup> Heating from cold 15°C to 65°C of total storage volume

<sup>(2)</sup> Heating from 15°C to 60°C after 70% volume has been drawn off

<sup>(3)</sup> Full boiler power used to heat water from 15°C to 60°C

## heating and hot water back-up

SWITCH provides back-up heating and hot water in only two seconds. It enables home builders to offer a unique level of added value service to their customers, eliminates the need for expensive out of hours call-outs and ensures that their home buyers don't lose that warm feeling about their new home. More than 50% of Gledhill appliances installed now feature SWITCH technology.



Switch to electric hot water



Switch to electric hot water and heating



Switch back to normal boiler operation

Accolade A-Class can be fitted to sealed or open vented primary systems. The following extras are available with the unit on request:

**OPEN VENTED - F&E**  
cistern/ballvalve/warning pipe connection

**SEALED SYSTEM -**  
Primary expansion vessel/pressure gauge/filling loop and expansion relief valve (the latter kit is often fitted near to the boiler or inside it)

**ROOM CONTROLS -** Two channel programmer for heating and hot water





*"Only the best is acceptable"*

**WRAS**  
APPROVED  
PRODUCT



BS EN ISO 9001:2000  
FM 2057

**benchmark**

**Pricing/Orders: 01253 474400**  
**Technical: 01253 474401**  
**Spares: 01253 474402**

Gledhill Water Storage Limited,  
Sycamore Estate, Squires Gate,  
Blackpool FY4 3RL

Tel: (01253) 474444

Fax: (01253) 474445

E-mail: [sales@gledhill.net](mailto:sales@gledhill.net)

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

**Information on the full range of  
Gledhill products can be found on  
the internet at [www.gledhill.net](http://www.gledhill.net)**

## We support our customers in many unique ways

We believe our responsibility to the customer begins, not ends, with the sale of a product. This commitment to after sales care is our assurance that you will receive high quality products and services.

### DESIGN

We offer an in-house design service that provides a detailed specification for the hot water and space heating systems on qualifying projects and, if you provide the necessary information, this can also include the production of a Carbon Index Rating.



### 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

### EXTENDED WARRANTY COVER

Our commitment to you also extends to your customers and we will do everything we can to alleviate you of the responsibility for ensuring the trouble-free operation of your chosen system.

If you provide us with the relevant details, after one year we will take over the responsibility for ensuring that your customer is advised of the need for a boiler service, to validate the 2 year manufacturer's warranty, and carry this out at a realistic rate. At the end of the standard warranty period, we will offer an optional Breakdown Agreement to the householder that covers the boiler and storage appliance.

### 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. Our copper vessels are totally recyclable.

Due to a programme of continuous improvement Gledhill WaterStorage 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.

