

CondensCyl HE

- **Perfectly matched with condensing boilers** - its high efficiency coil promotes better condensing conditions
- **Energy saving** - the special HE coil helps save energy and lowers the cost of providing hot water by reducing boiler cycling
- **Faster heating** - a CondensCyl HE heats water more quickly
- **Faster re-heat** - means a smaller capacity cylinder is required
- **Extra insulation** - significantly reduces standing losses
- **14 minute recovery** - depending on boiler size
- **Highest standards** - CondensCyl HE meets CHES best practice requirements and exceeds BRE EcoHomes specification with zero ODP and GWP

benchmark

The code of practice for the installation, commissioning and servicing of central heating systems



WRAS
APPROVED
PRODUCT



BS EN ISO 9001:2000
FM 2057



A high performance cylinder especially designed for use with condensing boilers

CondensCyl HE has a special high performance heat exchanger which reduces boiler cycling and maximises the time the boiler can operate in condensing mode.

Its special coil enables recovery in only 14 minutes* which conforms to CHES best practice.

The reduction in boiler cycling and faster recovery time combine to reduce the cost of producing hot water.

CondensCyl HE's high efficiency coil and its ability to heat only the water you require means that a smaller capacity cylinder can be used. For example, a typical 120 litre cylinder to meet Part L requirements would reduce to 75 litres using a CondensCyl HE.

CondensCyl HE cylinders have extra insulation to further reduce standing losses – particularly beneficial during summer months.

* assuming a correctly sized boiler



Gledhill
BUILDING PRODUCTS

CondensCyl HE

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Due to a programme of continuous improvement Gledhill Building Products 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.

Spec 28. Issue 02. 12/06

A high performance cylinder especially designed for use with condensing boilers

Specification

Gledhill cylinders are manufactured under an ISO 9001:2000 quality management system which is independently audited and accepted by BSI. All our products meet or exceed industry standards and comply with Water Regulations and Building Regulations and the CondensCyl 120 litre model has EST Approval.

CondensCyl products exceed the requirements of Part L of the Building Regulations and are classed as meeting the 'Best Practice Guide' issued by the DTI. It exceeds the requirements of the Building Research Establishment EcoHomes specification.

All products are independently approved for compliance with the Water Supply (Water Fittings) Regulations 1999.

Sizes

Size		Capacity	
mm	Inches	Litres nominal	Litres actual
750 x 400	30 x 16	75	80
975 x 400	38 x 16	100	96
1050 x 400	42 x 16	120	115
900 x 450	36 x 18	120	120
1050 x 450	42 x 18	140	144

These are not limitations, and many units outside these parameters are supplied every month. Cylinders are available with either a top or side entry immersion heater boss on request and can be manufactured to suit: 10m, 15m or 30m working heads. Compression fittings can be supplied and fitted free if required.

Insulation

Gledhill Building Products has developed a range of factory fitted insulations which have high performance characteristics and long life.

Flexilag insulation uses non combustible Rockwool mineral wool as the insulation material. It is easy to clean, with a flat top, and an attractive appearance, which is tailored to suit any 'tapping' positions required.

The benefits of Flexilag insulation include:

- Durable, wipe clean surface with a flat top and attractive appearance
- Can be tailored to suit any tapping configuration
- High performance - retains heat loss properties indefinitely, unlike urethane foam
- Non-combustible eliminating the risk of toxic smoke
- Meet the requirements of BS 3198 and BS 1566 Part 1:2002.
- Totally CFC-free

We are committed to minimising the environmental impact of our operations and work hard to comply with all relevant environmental legislation. We are pro-active in the recycling of old copper cylinders and can offer incentives to customers in order to help reduce the impact of waste on the environment. CondensCyl has an Ozone Depletion Potential (ODP) of zero and a Global Warming Potential (GWP) of zero.



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