



STAINLESS PLATINUM

Internal Expansion Cylinder

The **perfect** solution
for heat efficiency
and maximising space



BUILT ON EXPERIENCE

The Gledhill brand has been synonymous with quality manufacturing and expertise for almost a century.

Our Platinum cylinders are a result of continuous product development and innovation to consistently provide a solution to any application and meet the hot water demands of homeowners across the UK.



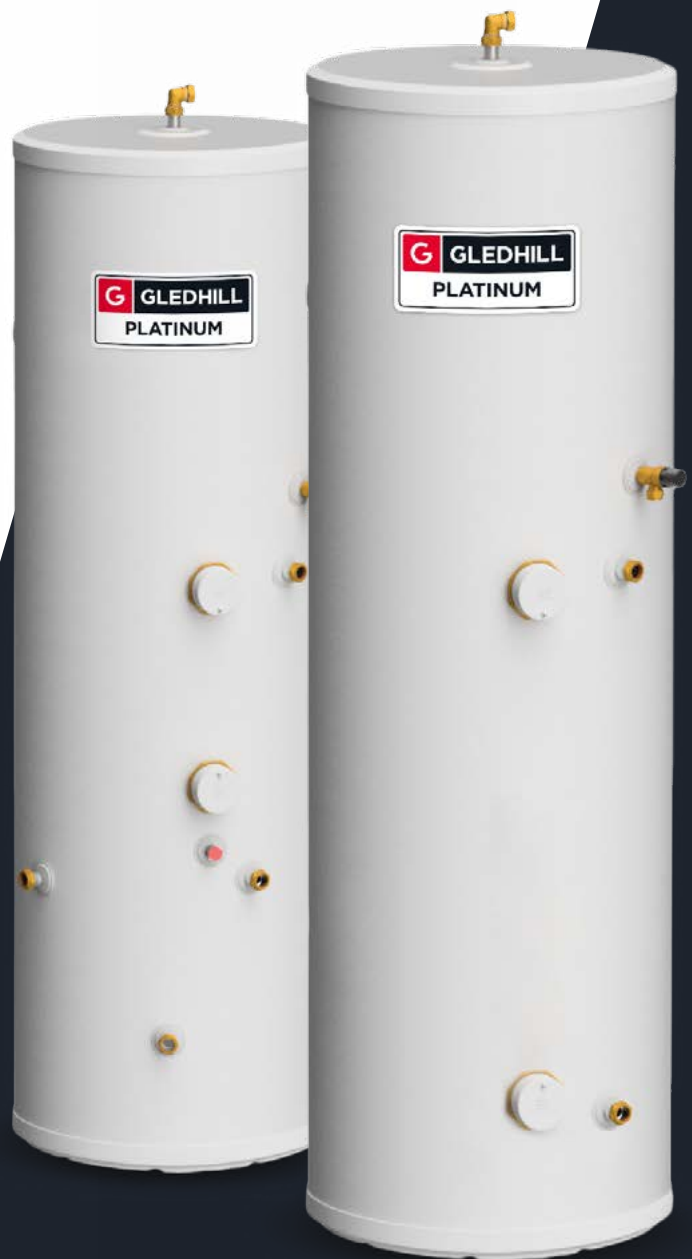
SPACE SAVING SOLUTION



QUICKER INSTALLATION



ON-SITE SUPPORT



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QUALITY MEETS FUNCTIONALITY

Built on the foundations of Gledhill's flagship StainlessLite Plus, the Platinum range of hot water storage cylinders boasts key features and benefits of the StainlessLite whilst offering an internal expansion vessel for quicker installations.

Manufactured from high specification duplex stainless steel, our Platinum range is designed to eliminate the requirement for an external expansion vessel, providing the perfect solution to restricted space and enabling a quicker installation.

Our Platinum cylinders are extremely well insulated using high density HCFC free Envirofoam insulation to achieve astonishingly low levels of heat loss, maximising energy efficiency for your customers

STAINLESSLITE SUPERCویل

As the only market leading manufacturer of hot water cylinders to use corrugated coil, Gledhill's StainlessLite SuperCoil allows for faster recovery times than competitor's plain coil.

That's why we've introduced our SuperCoil across all our stainless steel products, including our Platinum range.

- Faster reheat times than plain coil, providing a highly efficient performance
- Strategic positioning - delivering longer lasting hot water with each heat cycle
- Allows for greater surface area, reducing the length requirement for a more cost effective product

ONE NAME. EVERY SOLUTION.

Our Platinum range is available in direct and indirect patterns, and in sizes from 120 litres up to 300 litres.

In addition, all Platinum unvented cylinders come with a 25 year warranty with on-site support, promising peace of mind*.



GAS OR OIL BOILERS



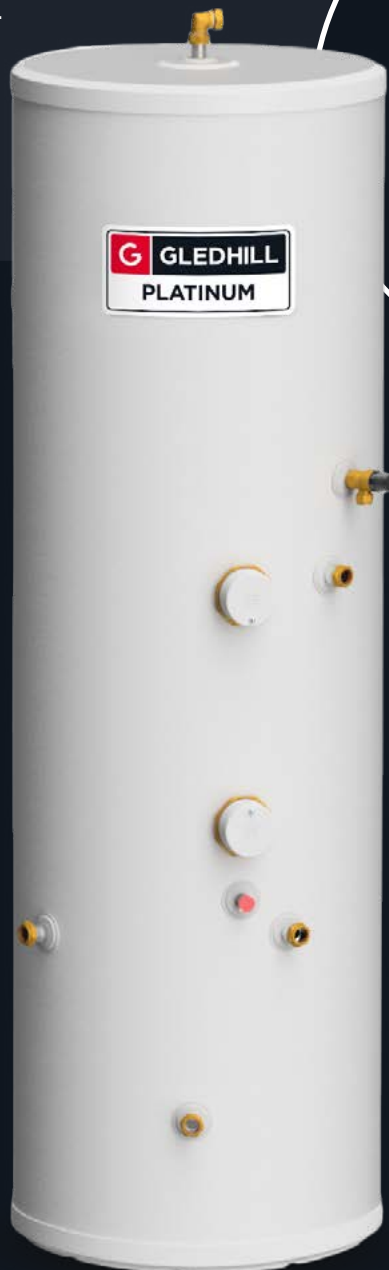
IMMERSION HEATER



ON-SITE SUPPORT



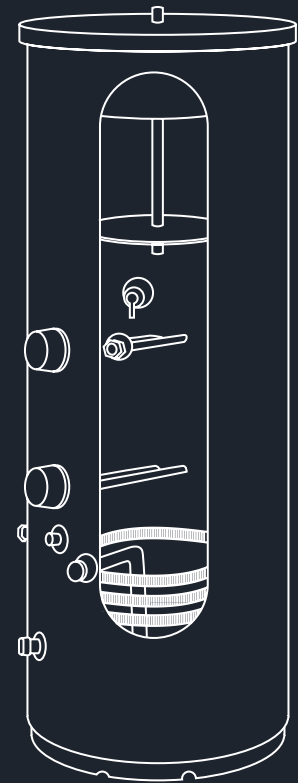
CORRUGATED
SUPERCOIL



25
YEAR WARRANTY

*For full warrant information, please refer to the relevant installation manual.

THE NEW UNVENTED INTERNAL EXPANSION HOT WATER CYLINDER



The latest addition to Gledhill's wide range of unvented cylinders, the new Platinum range comes as a result of over 90 years' manufacturing experience;

Expert skills, effective processes and mastered techniques.

Dedicated to providing installers and homeowners with a solution to every application, Gledhill's new unvented cylinder range incorporates an internal baffle, preventing the requirement of an external expansion vessel to be fitted, offering a quick and easy installation.

HOW DOES THIS WORK?

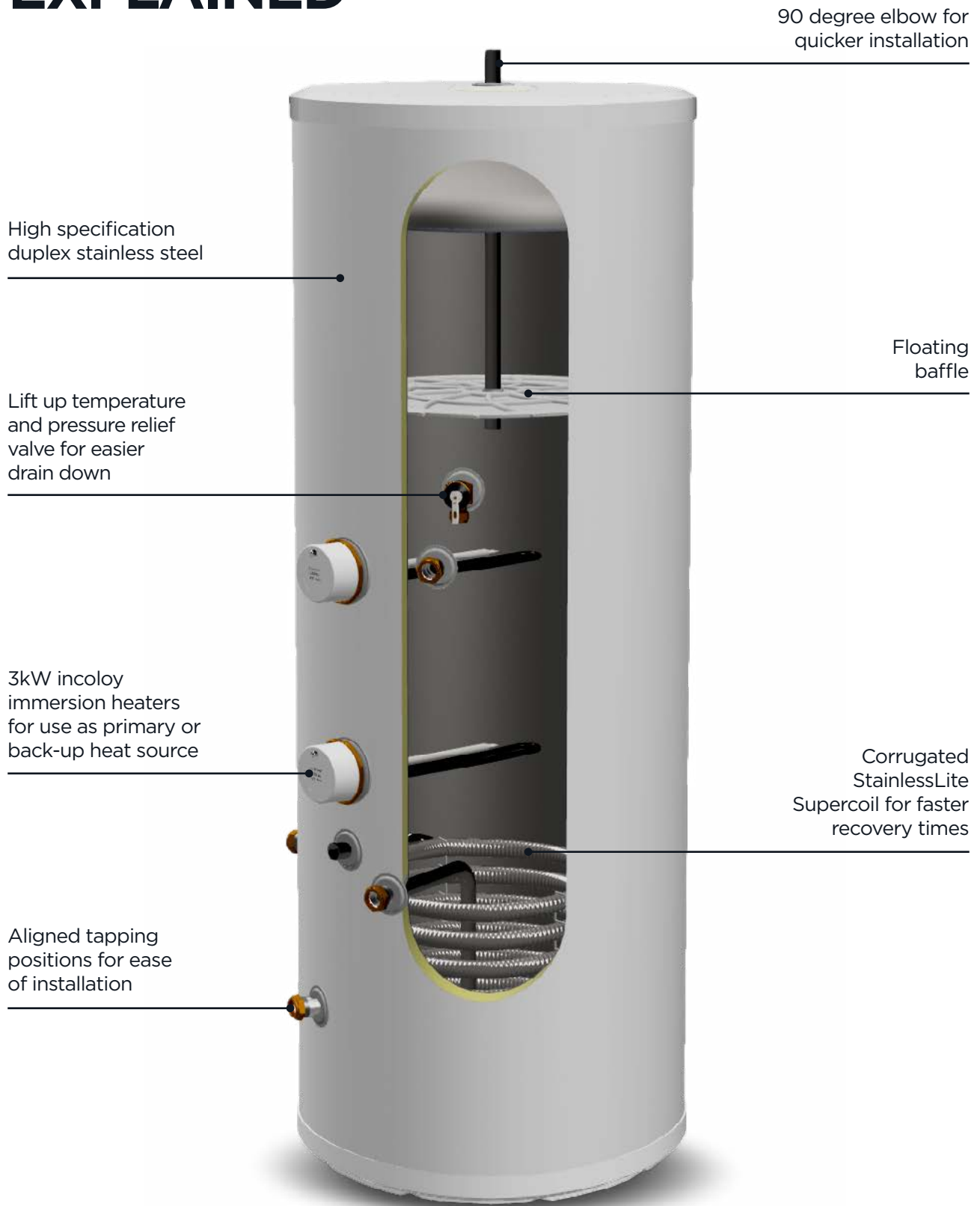
When water is heated within a standard unvented hot water cylinder, the volume of water expands and back into a separate external expansion vessel installed alongside the cylinder. By incorporating an internal air pocket and baffle inside the new Platinum unvented cylinder, the water, when heated, is able to expand and compress within the stainless-steel body, removing the need for the external expansion vessel and minimising pipework.

WHAT ARE THE BENEFITS?

The internal expansion allows for a neat and compact system to produce space saving, enabling tight spaces to be utilised by installers and creating easier access for maintenance to be carried out.

Presenting a selection of indirect, direct and pre-plumbed models within the range, the new Platinum unvented cylinder supports Gledhill in offering a cylinder to meet any heating requirement and ultimately make installers' lives easier.

INTERNAL EXPANSION EXPLAINED



STAINLESS PLATINUM



DIRECT

120 | 150 | 180 | 210 LITRES

KEY FEATURES

- Designed for use with electricity either from mains supply or photovoltaic panels
- Suitable for use with economy electricity tariffs to maximise efficiency
- 3kW incoloy 825 immersion heater for use as a primary heat source
- 3kW incoloy 825 immersion heater for emergency back-up
- 90° elbow and drain valve supplied as standard



SOLAR PHOTOVOLTAIC



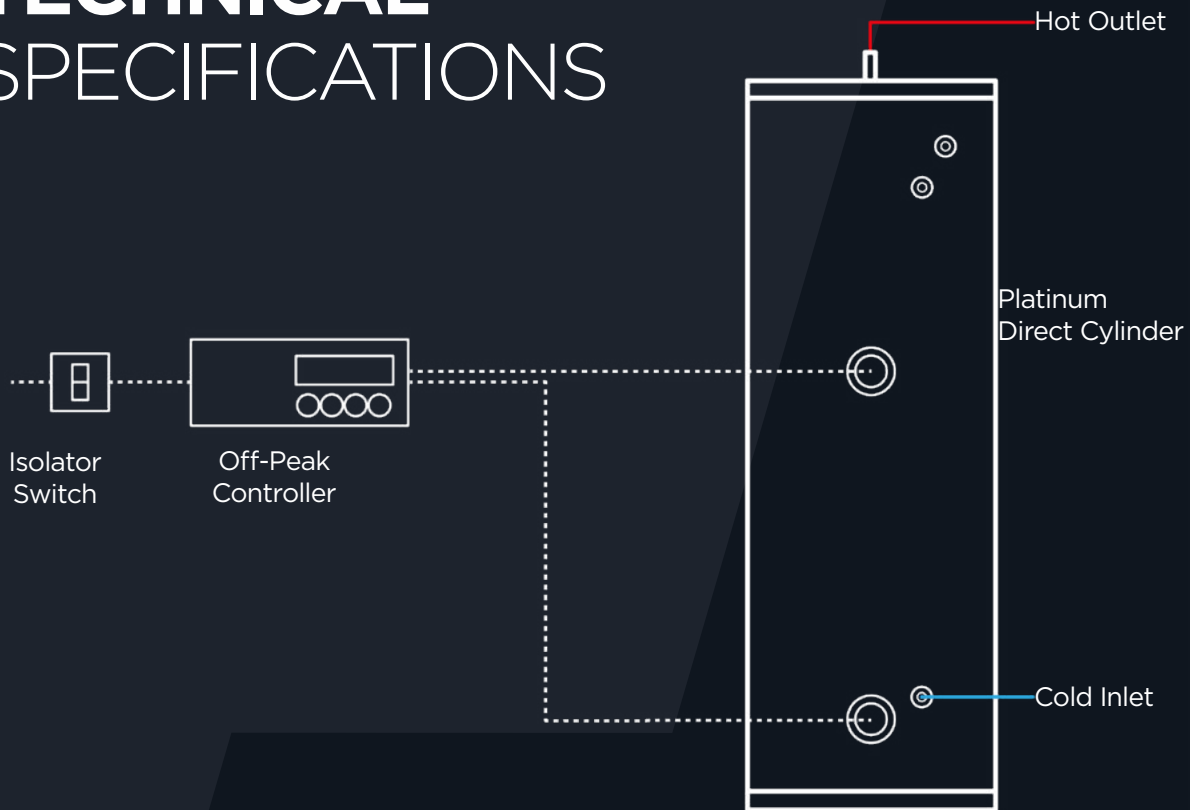
IMMERSION HEATER



WASHING MACHINE
FRAME COMPATIBLE
(SEE PAGE 13 FOR MORE DETAILS)



TECHNICAL SPECIFICATIONS



Description	D120	D150	D180	D210
Stock code	PLTDR120	PLTDR150	PLTDR180	PLTDR210
ErP	C	C	C	C
Heat Loss (Watts)	39	51	55	63
Heat Loss (kW/24hr)	0.93	1.23	1.32	1.51
Load profile	M	L	L	L
AEC	1422	2748	2671	2767
Efficiency (%)	36.1	37.3	38.3	37.0
Capacity (litres)	108	139	168	196
Height (mm)	931	1118	1306	1494
Diameter (mm)	550	550	550	550
Empty Weight (kg)	26	29	34	38
Full Weight (kg)	135	168	202	234
Heat up time (min)	103	154	174	203
Number of immersions	2	2	2	2

STAINLESS PLATINUM



INDIRECT

120 | 150 | 180 | 210 | 250 | 300 LITRES

KEY FEATURES

- Designed for use with gas or oil boilers, either sealed system or open vented
- High efficiency corrugated coil maximises heat transfer to the cylinder of water
- Corrugated coil provides faster reheat times compared to plain coil
- 3kW incoloy immersion heater for emergency back-up
- 90° elbow and drain valve supplied as standard



GAS OR OIL BOILERS



IMMERSION HEATER



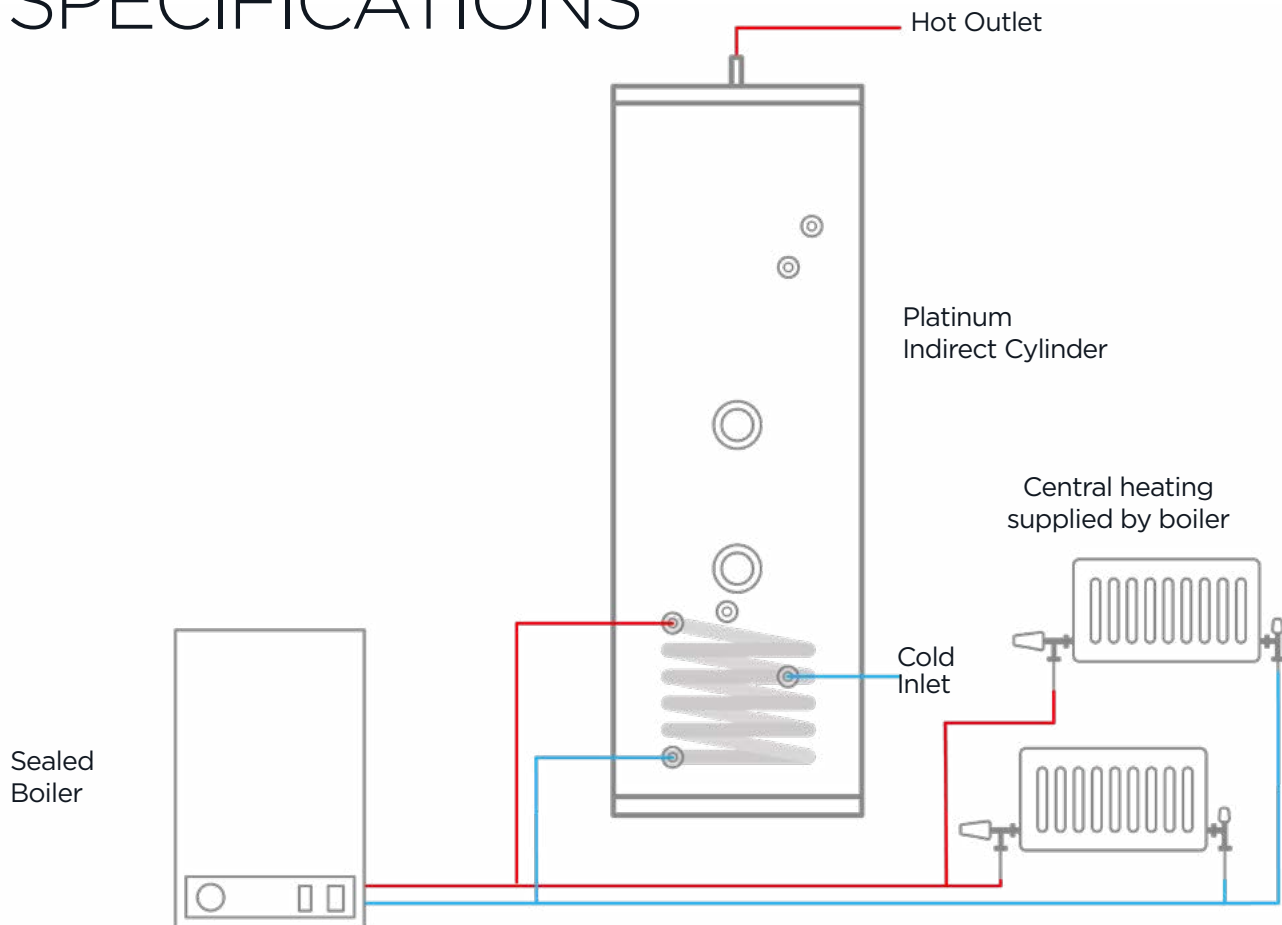
CORRUGATED SUPERCOIL



WASHING MACHINE
FRAME COMPATIBLE
(SEE PAGE 13 FOR MORE DETAILS)

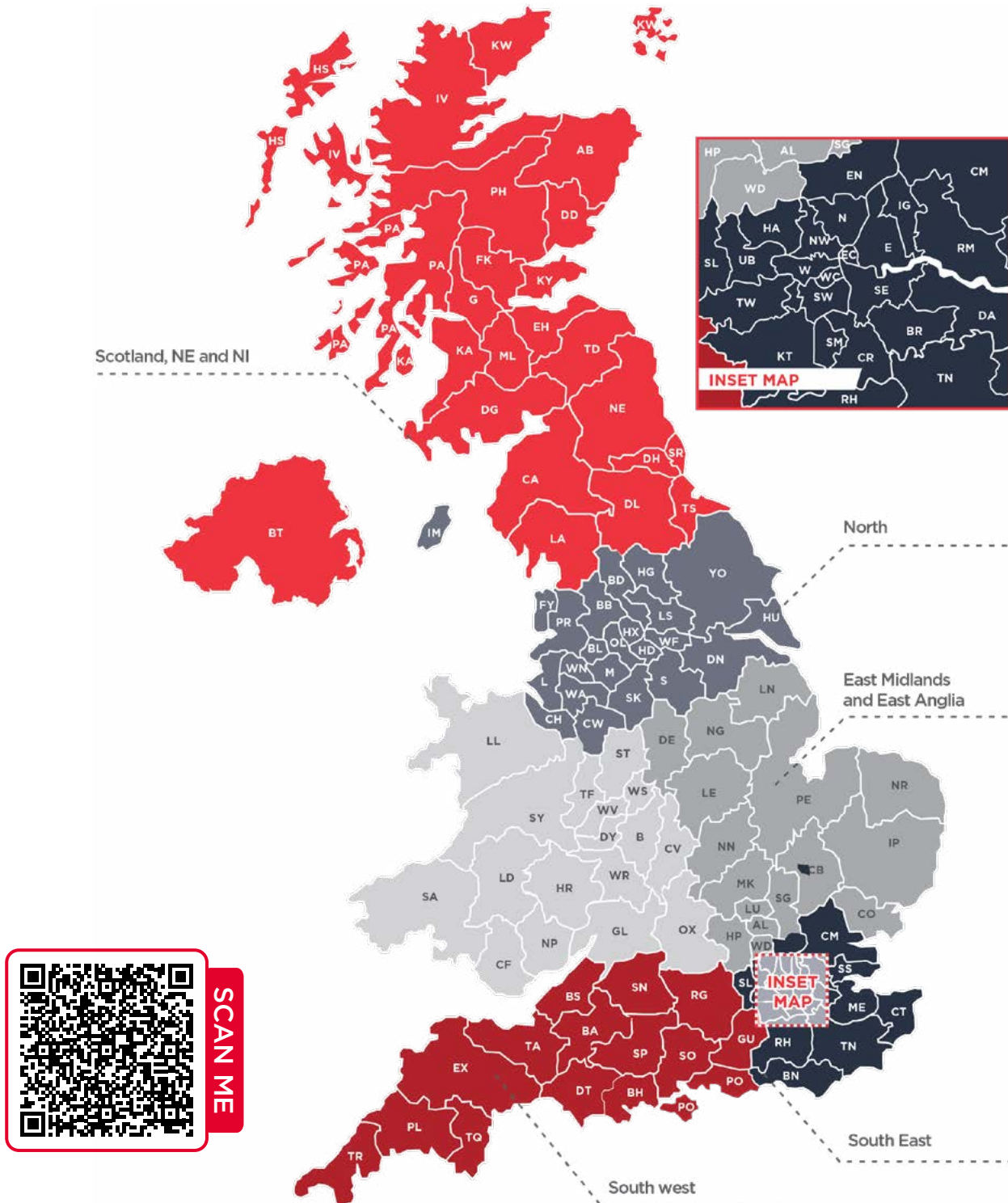


TECHNICAL SPECIFICATIONS



Description	IND120	IND150	IND180	IND210	IND250	IND300
Stock code	PLTIN120	PLTIN150	PLTIN180	PLTIN210	PLTIN250	PLTIN300
ErP	B	B	B	C	C	C
Heat loss (watts)	39	51	55	63	80	89
Heat loss (kW/24hr)	0.93	1.23	1.32	1.51	1.91	2.13
Capacity (litres)	106	136	164	192	229	265
Height (mm)	931	1118	1306	1494	1744	1990
Diameter (mm)	550	550	550	550	550	550
Empty weight (kg)	28	31	36	40	46	52
Full weight (kg)	134	167	200	232	275	317
Heat up time (min)	24	29	29	33	33	39
Number of immersions	1	1	1	1	2	2
Secondary return	N/A	N/A	N/A	Yes	Yes	Yes

OUR AREA SALES MANAGER MAP



GLEDHILL CYLINDER WASHING MACHINE FRAME

COMPATIBLE WITH:
CYLINDERS BETWEEN 120L - 250L

Product Features:

The Gledhill washing machine frame **perfectly accommodates all** of our Platinum Direct cylinder sizes as well as over 50% of our Platinum Indirect cylinders. In addition, our washing machine frame is suitable for nearly all our Stainlesslite Plus 120L - 250L hot water cylinders as well as our Stainless ES and Gledhill Stainless Pro cylinders between 120L and 250L in size.

Designed with space saving efficiency in mind for new build homes as well as apartments our washing machine frame comes flat packed and when built up has a height of 910mm, width of 670mm and depth of 600mm making it the **perfect solution for any space restriction issue.**

- Engineered from Stainless Steel for stability
- Accommodates 120L - 250L cylinder sizes
- Arrives flat packed and built in minutes
- Solution for space restrictions in new builds and apartment complexes
- Designed for all cylinders ranges including Platinum



*Please note washing machine not included



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SPARES

Gledhill products are manufactured to the highest quality standards. In the unlikely event that you require a spare part, you can contact Gledhill Spare Parts by calling;

01253 474412

or visit gledhill-spares.net

HERE TO HELP

If you're looking for technical assistance while you're on the job, give our technical team a call. With many years' experience, they're an invaluable resource to have at the end of the phone. For technical advice please call;

01253 474584

or visit gledhill.net

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ONE NAME. EVERY SOLUTION.

Due to a programme of continuous improvement Gledhill Building Products reserves 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. It is an offence to copy or adapt this document without consent of the owner.