



# STAINLESSLITE PLUS

UNVENTED MAINS PRESSURE  
AND VENTED WATER  
STORAGE CYLINDERS



**ONE NAME. EVERY SOLUTION.**

[WWW.GLEDHILL.NET](http://WWW.GLEDHILL.NET)



## BUILT ON EXPERIENCE

THE GLEDHILL BRAND HAS BEEN SYNONYMOUS WITH QUALITY MANUFACTURING AND EXPERTISE FOR ALMOST A CENTURY. OUR FLAGSHIP STAINLESSLITE PLUS RANGE BOASTS MORE THAN 70 MODELS AND IS THE RESULT OF CONTINUOUS PRODUCT DEVELOPMENT AND INNOVATION. IN FACT, WE'VE BEEN PRODUCING UNVENTED CYLINDERS SINCE THEIR VERY INCEPTION, SO REST ASSURED WE KNOW OUR STUFF.



## CONTENTS

- 02. BUILT ON EXPERIENCE
- 04. RELIABILITY AND QUALITY
- 05. ONE NAME. EVERY SOLUTION
- 06. THE COMPLETE PACKAGE
- 07. WHAT SIZE CYLINDER DO I NEED?

### STAINLESSLITE PLUS:

- 08. DIRECT & SLIMLINE
- 10. INDIRECT & SLIMLINE
- 12. HORIZONTAL INDIRECT
- 14. SOLAR DIRECT & SLIMLINE
- 16. SOLAR INDIRECT & SLIMLINE
- 18. HORIZONTAL SOLAR
- 20. HEAT PUMP & SLIMLINE
- 22. HEAT PUMP SOLAR
- 24. BUFFER STORE
- 26. FLEXIBLE BUFFER STORE

# RELIABILITY AND QUALITY

IF YOU'RE INSTALLING GLEDHILL, YOU CAN BE CONFIDENT YOU'RE INSTALLING QUALITY. MANUFACTURED FROM HIGH SPECIFICATION DUPLEX STAINLESS STEEL, OUR STAINLESSLITE PLUS RANGE IS DESIGNED TO RESIST ALL FORMS OF CORROSION, INCLUDING CREVICE AND STRESS.

Its high mechanical strength promises durability, while automated welding procedures, post weld pickling and passivating treatment guarantee each individual weld is as strong as its parent metal.

Our StainlessLite Plus cylinders are pressure tested to a full 12 bar - four times their normal working pressure - and injected with 50mm of our HCFC free EnviroFoam insulation to achieve astonishingly low levels of heat loss, which maximises energy efficiency for your customers.

IN ADDITION, ALL OUR STAINLESSLITE PLUS UNVENTED CYLINDERS COME WITH A 25 YEAR WARRANTY WITH ON-SITE SUPPORT, PROMISING PEACE OF MIND.\*



# ONE NAME. EVERY SOLUTION

OUR STAINLESSLITE PLUS RANGE IS AVAILABLE IN DIRECT AND INDIRECT PATTERNS, AND IN SIZES FROM 60 LITRES UP TO 400 LITRES. THE RANGE ALSO INCLUDES A SELECTION OF CYLINDERS COMPATIBLE WITH SOLAR THERMAL, HEAT PUMPS OR A COMBINATION OF BOTH.

Struggling for space? Try the StainlessLite Plus slimline or the StainlessLite Plus horizontal cylinder; one of the first domestic horizontal unvented cylinders to gain NSF approval.

Whatever the task, whatever your requirements, we've got a cylinder to suit.



LIGHTEST CYLINDER  
ON THE MARKET

LIGHTER AND EASIER  
TO HANDLE THAN  
OTHER CYLINDERS, THE  
STAINLESSLITE PLUS IS  
THE LIGHTEST CYLINDER  
ON THE MARKET.



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



# THE COMPLETE PACKAGE

MANY OF OUR STAINLESSLITE PLUS PRODUCTS ARE SUPPLIED WITH ALL THE FITTINGS YOU’LL NEED TO COMPLETE THE INSTALLATION - JUST ADD THE PIPEWORK.

- ✓ FLEXIBLE HOSE AND EXPANSION VESSEL BRACKET SUPPLIED IN THE G3 KIT
- ✓ COMPRESSION FITTINGS SUPPLIED WITH UNVENTED PRODUCTS
- ✓ 90° ELBOW SUPPLIED ON HOT WATER DRAW OFF TO REDUCE INSTALLATION TIME
- ✓ LIFT UP PRESSURE AND TEMPERATURE RELIEF VALVE SUPPLIED FOR EASIER DRAIN DOWN



|                                                | Direct models | Indirect models | Solar direct models | Solar indirect models | Heat pump models |
|------------------------------------------------|---------------|-----------------|---------------------|-----------------------|------------------|
| Inlet control group                            | •             | •               | •                   | •                     | •                |
| Pressure and temperature relief valve          | •             | •               | •                   | •                     | •                |
| Tundish                                        | •             | •               | •                   | •                     | •                |
| 3kW immersion heater (main heat source)        | •             |                 |                     |                       |                  |
| 3kW immersion heater (back up heat source)     | •             | •               | •                   | •                     | •                |
| Expansion vessel c/w flexible hose and bracket | •             | •               | •                   | •                     | •                |
| Two port valve                                 |               | •               |                     | •                     | •                |
| Dual control and combined overheat thermostat  |               | •               | •                   | •                     | •                |
| Wiring junction box                            |               | •               |                     | •                     | •                |
| Installation manual                            | •             | •               | •                   | •                     | •                |



# WHAT SIZE CYLINDER DO I NEED?

WHEN CALCULATING THE CORRECT SIZED HOT WATER CYLINDER REQUIRED FOR A TYPICAL DOMESTIC HOUSEHOLD, A SIMPLE RULE OF THUMB IS TO ALLOW BETWEEN 35 AND 45 LITRES FOR EVERY OCCUPANT.

Here’s a simple guide to the minimum cylinder size required to meet demand - remember to consider your clients’ future hot water demands too, such as additional people, additional outlets etc.

| Hot water demand               | Bedrooms       | Indirect unit size | Direct unit size |
|--------------------------------|----------------|--------------------|------------------|
| 1 standard bath or shower      | bedsit / 1 bed | 60/90              | 150              |
|                                | 2 - 3 bed      | 120                | 180              |
|                                | 3 - 4 bed      | 150                | 210              |
| 1 standard bath                | 2 - 3 bed      | 120                | 180              |
|                                | 3 - 4 bed      | 150                | 210              |
| 1 standard bath and 1 en-suite | 2 - 3 bed      | 150                | 210              |
|                                | 3 - 4 bed      | 150                | 210              |
|                                | 4 - 5 bed      | 180                | 250              |
| 2 standard baths               | 2 - 3 bed      | 180                | 210              |
|                                | 3 - 4 bed      | 180                | 210              |
|                                | 4 - 5 bed      | 210                | 250              |
| 3 standard baths               | 2 - 3 bed      | 250                | 300              |
|                                | 3 - 4 bed      | 300                | -                |
|                                | 4 - 5 bed      | 400                | -                |

If you’re utilising a renewable energy source, you’ll need to consider not just the lower temperature input, such as from a heat pump, but also the constant availability of that heat source with solar thermal.

# STAINLESSLITE PLUS DIRECT

90 | 120 | 150 | 180 | 210 | 250 | 300 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, flexihose and drain valve supplied as standard
- Standard and slimline models available



25 YEAR  
WARRANTY



LIGHTEST CYLINDER  
ON THE MARKET

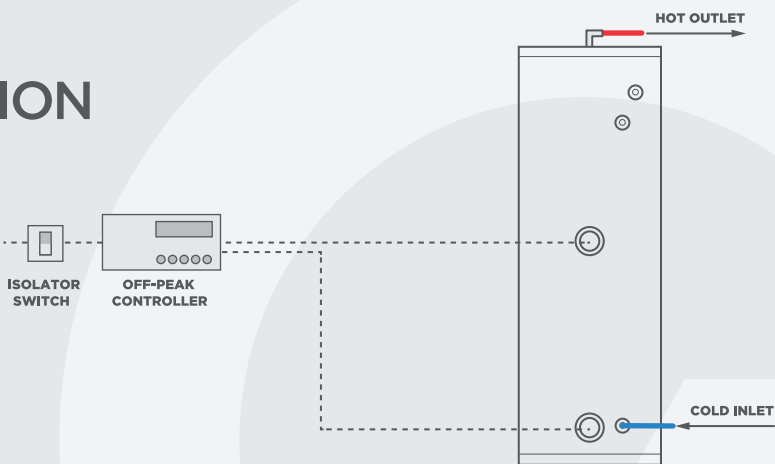


SOLAR  
PHOTOVOLTAIC



IMMERSION  
HEATER

## TECHNICAL SPECIFICATION



### STAINLESSLITE PLUS DIRECT

| Description          |        | D90      | D120     | D150     | D180     | D210     | D250     | D300     |
|----------------------|--------|----------|----------|----------|----------|----------|----------|----------|
| Product stock code   |        | PLUDR090 | PLUDR120 | PLUDR150 | PLUDR180 | PLUDR210 | PLUDR250 | PLUDR300 |
| ErP rating           |        | C        | C        | C        | C        | C        | C        | C        |
| Heat loss            | watts  | 32       | 39       | 47       | 55       | 62       | 74       | 86       |
| Capacity             | litres | 91       | 119      | 148      | 178      | 208      | 248      | 287      |
| Height               | mm     | 764      | 931      | 1118     | 1306     | 1494     | 1744     | 1990     |
| Diameter             | mm     | 550      | 550      | 550      | 550      | 550      | 550      | 550      |
| Weight (empty)       | kg     | 18       | 21       | 25       | 28       | 32       | 36       | 41       |
| Weight (full)        | kg     | 109      | 140      | 173      | 206      | 240      | 284      | 328      |
| Heat up time         | min    | 90       | 119      | 150      | 179      | 209      | 249      | 299      |
| Number of immersions |        | 1        | 2        | 2        | 2        | 2        | 2        | 2        |
| Secondary return     |        | No       | No       | No       | No       | Yes      | Yes      | Yes      |

### STAINLESSLITE PLUS SLIMLINE DIRECT

| Description          |        | D90-SL     | D120-SL    | D150-SL    | D180-SL    | D210-SL    |
|----------------------|--------|------------|------------|------------|------------|------------|
| Product stock code   |        | PLUDR090SL | PLUDR120SL | PLUDR150SL | PLUDR180SL | PLUDR210SL |
| ErP rating           |        | C          | C          | C          | C          | C          |
| Heat loss            | watts  | 37         | 47         | 56         | 67         | 74         |
| Capacity             | litres | 91         | 122        | 152        | 183        | 202        |
| Height               | mm     | 976        | 1248       | 1519       | 1791       | 1963       |
| Diameter             | mm     | 475        | 475        | 475        | 475        | 475        |
| Weight (empty)       | kg     | 18         | 23         | 27         | 31         | 34         |
| Weight (full)        | kg     | 106        | 143        | 176        | 212        | 231        |
| Heat up time         | min    | 90         | 119        | 150        | 179        | 209        |
| Number of immersions |        | 1          | 2          | 2          | 2          | 2          |
| Secondary return     |        | No         | No         | No         | No         | Yes        |

#### NOTES:

- 1 Heat up time from 15°C to 60°C (applies to primary heat source only)
- 2 For further ErP information, please refer to the installation manual at [www.gledhill.net](http://www.gledhill.net)
- 3 The schematics shown above are representational, please refer to the installation manual for full technical requirements
- 4 Please note that the top immersion on the PLUDR180 is 327mm high

# STAINLESSLITE PLUS INDIRECT

60 | 90 | 120 | 150 | 180 | 210 | 250 | 300 | 400 LITRES



STAINLESSLITE PLUS  
INDIRECT NOW B-RATED  
UP TO 210L

## 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, flexihose and drain valve supplied as standard
- Standard and slimline models available



25 YEAR  
WARRANTY



LIGHTEST CYLINDER  
ON THE MARKET

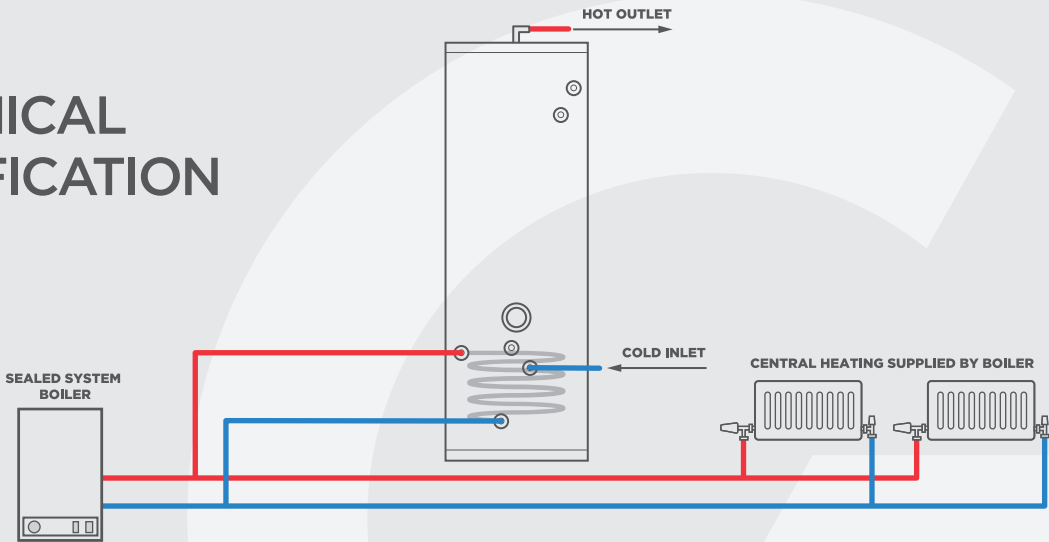


GAS OR OIL  
BOILERS



IMMERSION  
HEATER

## TECHNICAL SPECIFICATION



### STAINLESSLITE PLUS INDIRECT

| Description          |        | IND90    | IND120   | IND150   | IND180   | IND210   | IND250   | IND300   | IND400   |
|----------------------|--------|----------|----------|----------|----------|----------|----------|----------|----------|
| Product stock code   |        | PLUIN090 | PLUIN120 | PLUIN150 | PLUIN180 | PLUIN210 | PLUIN250 | PLUIN300 | PLUIN400 |
| ErP rating           |        | A        | B        | B        | B        | B        | C        | C        | C        |
| Heat loss            | watts  | 32       | 39       | 47       | 55       | 62       | 74       | 86       | 87       |
| Capacity             | litres | 91       | 119      | 148      | 178      | 208      | 248      | 287      | 393      |
| Height               | mm     | 764      | 931      | 1118     | 1306     | 1494     | 1744     | 1990     | 2030     |
| Diameter             | mm     | 550      | 550      | 550      | 550      | 550      | 550      | 550      | 630      |
| Weight (empty)       | kg     | 20       | 23       | 26       | 30       | 33       | 38       | 43       | 55       |
| Weight (full)        | kg     | 111      | 142      | 174      | 208      | 241      | 286      | 330      | 455      |
| Heat up time         | min    | 17       | 21       | 25       | 30       | 32       | 36       | 38       | 41       |
| Number of immersions |        | 1        | 1        | 1        | 1        | 1        | 2        | 2        | 2        |
| Secondary return     |        | No       | No       | No       | No       | Yes      | Yes      | Yes      | Yes      |

### STAINLESSLITE PLUS SLIMLINE INDIRECT

| Description          |        | IND60-SL   | IND90-SL   | IND120-SL  | IND150-SL  | IND180-SL  | IND210-SL  |
|----------------------|--------|------------|------------|------------|------------|------------|------------|
| Product stock code   |        | PLUIN060SL | PLUIN090SL | PLUIN120SL | PLUIN150SL | PLUIN180SL | PLUIN210SL |
| ErP rating           |        | A          | B          | B          | B          | C          | C          |
| Heat loss            | watts  | 27         | 37         | 47         | 56         | 67         | 74         |
| Capacity             | litres | 62         | 91         | 122        | 152        | 183        | 202        |
| Height               | mm     | 704        | 976        | 1248       | 1519       | 1791       | 1963       |
| Diameter             | mm     | 475        | 475        | 475        | 475        | 475        | 475        |
| Weight (empty)       | kg     | 16         | 20         | 24         | 28         | 32         | 35         |
| Weight (full)        | kg     | 75         | 108        | 144        | 177        | 213        | 232        |
| Heat up time         | min    | 13         | 17         | 21         | 25         | 30         | 32         |
| Number of immersions |        | 1          | 1          | 1          | 1          | 1          | 1          |
| Secondary return     |        | No         | No         | No         | No         | No         | Yes        |

#### NOTES:

- 1 Heat up time from 15°C to 60°C (applies to primary heat source only)
- 2 For further ErP information, please refer to the installation manual at [www.gledhill.net](http://www.gledhill.net)
- 3 The schematics shown above are representational, please refer to the installation manual for full technical requirements

# STAINLESSLITE PLUS HORIZONTAL INDIRECT

180 | 210 | 250 | 300 LITRES

## KEY FEATURES

- One of the first independently approved domestic horizontal unvented cylinders
- Provides the ideal solution for height restricted installation spaces
- Designed for use with gas or oil boilers
- High efficiency corrugated coil maximises heat transfer to the cylinder of water
- 3kW incoloy immersion heater for emergency back-up



25 YEAR  
WARRANTY



LIGHTEST CYLINDER  
ON THE MARKET

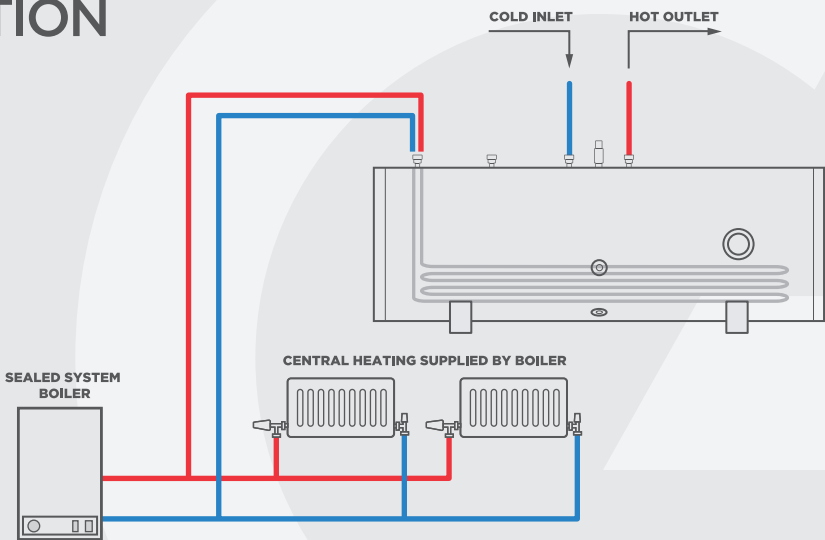


GAS OR OIL  
BOILERS



IMMERSION  
HEATER

## TECHNICAL SPECIFICATION



## STAINLESSLITE PLUS HORIZONTAL INDIRECT

| Description          |        | IND180    | IND210    | IND250    | IND300    |
|----------------------|--------|-----------|-----------|-----------|-----------|
| Product stock code   |        | PLUIN180H | PLUIN210H | PLUIN250H | PLUIN300H |
| ErP rating           |        | C         | C         | C         | C         |
| Heat loss            | watts  | 78        | 82        | 86        | 91        |
| Capacity             | litres | 172       | 206       | 244       | 288       |
| Overall height       | mm     | 588       | 588       | 588       | 588       |
| Overall width        | mm     | 1306      | 1494      | 1744      | 1990      |
| Diameter             | mm     | 550       | 550       | 550       | 550       |
| Weight (empty)       | kg     | 29        | 31        | 35        | 46        |
| Weight (full)        | kg     | 201       | 237       | 279       | 334       |
| Heat up time         | min    | 27        | 27        | 36        | 32        |
| Number of immersions |        | 1         | 1         | 2         | 2         |
| Secondary return     |        | Yes       | Yes       | Yes       | Yes       |

### NOTES:

- 1 Heat up time from 15°C to 60°C (applies to primary heat source only)
- 2 For further ErP information, please refer to the installation manual at [www.gledhill.net](http://www.gledhill.net)
- 3 The schematics shown above are representational, please refer to the installation manual for full technical requirements

# STAINLESSLITE PLUS SOLAR DIRECT

180 | 210 | 250 | 300 | 400 LITRES



STAINLESSLITE PLUS  
SOLAR DIRECT NOW  
B-RATED UP TO 210L

## KEY FEATURES

- Specifically designed for use with solar thermal panels
- Corrugated coil to maximise the heat transfer from the solar input
- 3kW incoloy 825 immersion heater for use as a secondary heat source when required
- 3kW incoloy immersion heater for emergency back-up
- 90° elbow, flexihose and drain valve supplied as standard
- Standard and slimline models available



25 YEAR  
WARRANTY



LIGHTEST CYLINDER  
ON THE MARKET

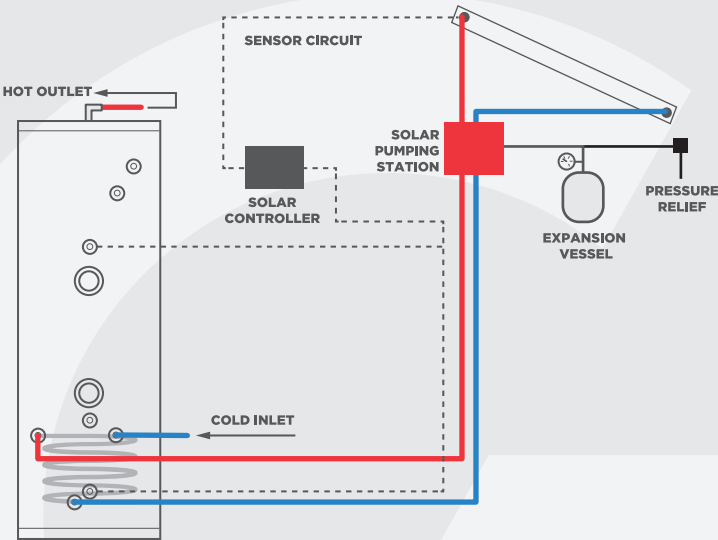


SOLAR  
THERMAL



IMMERSION  
HEATER

## TECHNICAL SPECIFICATION



## STAINLESSLITE PLUS SOLAR DIRECT

| Description            |        | SOL180d   | SOL210d   | SOL250d   | SOL300d   | SOL400d   |
|------------------------|--------|-----------|-----------|-----------|-----------|-----------|
| Product stock code     |        | PLUDR180S | PLUDR210S | PLUDR250S | PLUDR300S | PLUDR400S |
| ErP rating             |        | B         | B         | C         | C         | C         |
| Heat loss              | watts  | 55        | 62        | 74        | 86        | 87        |
| Capacity               | litres | 178       | 208       | 248       | 287       | 393       |
| Height                 | mm     | 1306      | 1494      | 1744      | 1990      | 2030      |
| Diameter               | mm     | 550       | 550       | 550       | 550       | 630       |
| Weight (empty)         | kg     | 30        | 34        | 39        | 43        | 49        |
| Weight (full)          | kg     | 208       | 242       | 287       | 330       | 449       |
| Heat up time           | min    | n/a       | n/a       | n/a       | n/a       | n/a       |
| Dedicated solar volume | litres | 60        | 70        | 84        | 100       | 150       |
| Number of immersions   |        | 2         | 2         | 2         | 2         | 2         |
| Secondary return       |        | No        | Yes       | Yes       | Yes       | Yes       |

## STAINLESSLITE PLUS SOLAR SLIMLINE DIRECT

| Description            |        | SOL 180d-SL | SOL 210d-SL |
|------------------------|--------|-------------|-------------|
| Product stock code     |        | PLUDR180SSL | PLUDR210SSL |
| ErP rating             |        | C           | C           |
| Heat loss              | watts  | 67          | 74          |
| Capacity               | litres | 183         | 202         |
| Height                 | mm     | 1791        | 1963        |
| Diameter               | mm     | 475         | 475         |
| Weight (empty)         | kg     | 34          | 36          |
| Weight (full)          | kg     | 215         | 233         |
| Heat up time           | min    | n/a         | n/a         |
| Dedicated solar volume | litres | 60          | 70          |
| Number of immersions   |        | 2           | 2           |
| Secondary return       |        | No          | Yes         |

### NOTES:

- 1 The dedicated solar volume is the amount of water that cannot be heated by any other heat source in line with ADL1 Compliance
- 2 Heat up time from 15°C to 60°C (applies to primary heat source only)
- 3 For further ErP information, please refer to the installation manual at [www.gledhill.net](http://www.gledhill.net)
- 4 The schematics shown above are representational, please refer to the installation manual for full technical requirements

# STAINLESSLITE PLUS SOLAR INDIRECT

180 | 210 | 250 | 300 | 400 LITRES



STAINLESSLITE PLUS  
SOLAR INDIRECT NOW  
B-RATED UP TO 210L

## KEY FEATURES

- Specifically designed for use with solar thermal panels in addition to gas or oil boilers
- High efficiency corrugated coil maximises heat transfer from the solar input
- 3kW incoloy immersion heater for emergency back-up
- 90° elbow, flexihose and drain valve supplied as standard
- Standard and slimline models available



25 YEAR  
WARRANTY



LIGHTEST CYLINDER  
ON THE MARKET



GAS OR OIL  
BOILERS

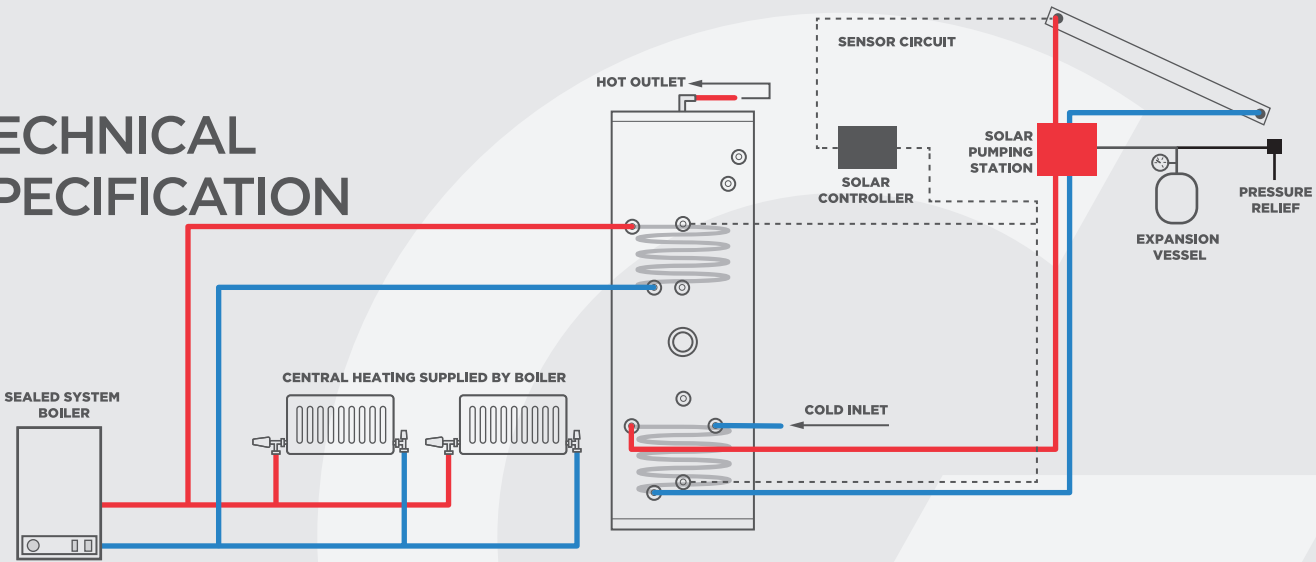


SOLAR  
THERMAL



IMMERSION  
HEATER

## TECHNICAL SPECIFICATION



## STAINLESSLITE PLUS SOLAR INDIRECT

| Description            |        | SOL180i   | SOL210i   | SOL250i   | SOL300i   | SOL400i   |
|------------------------|--------|-----------|-----------|-----------|-----------|-----------|
| Product stock code     |        | PLUIN180S | PLUIN210S | PLUIN250S | PLUIN300S | PLUIN400S |
| ErP rating             |        | B         | B         | C         | C         | C         |
| Heat loss              | watts  | 55        | 62        | 74        | 86        | 87        |
| Capacity               | litres | 178       | 208       | 248       | 287       | 393       |
| Height                 | mm     | 1306      | 1494      | 1744      | 1990      | 2030      |
| Diameter               | mm     | 550       | 550       | 550       | 550       | 630       |
| Weight (empty)         | kg     | 31        | 35        | 40        | 44        | 59        |
| Weight (full)          | kg     | 209       | 243       | 288       | 331       | 459       |
| Heat up time           | min    | 28        | 35        | 38        | 41        | 45        |
| Dedicated solar volume | litres | 96        | 101       | 107       | 125       | 165       |
| Number of immersions   |        | 1         | 1         | 1         | 1         | 1         |
| Secondary return       |        | No        | Yes       | Yes       | Yes       | Yes       |

## STAINLESSLITE PLUS SOLAR SLIMLINE INDIRECT

| Description            |        | SOL180i-SL  | SOL210i-SL  |
|------------------------|--------|-------------|-------------|
| Product stock code     |        | PLUIN180SSL | PLUIN210SSL |
| ErP rating             |        | C           | C           |
| Heat loss              | watts  | 67          | 74          |
| Capacity               | litres | 183         | 202         |
| Height                 | mm     | 1791        | 1963        |
| Diameter               | mm     | 475         | 475         |
| Weight (empty)         | kg     | 34          | 36          |
| Weight (full)          | kg     | 215         | 233         |
| Heat up time           | min    | 28          | 35          |
| Dedicated solar volume | litres | 60          | 70          |
| Number of immersions   |        | 1           | 1           |
| Secondary return       |        | No          | Yes         |

### NOTES:

- 1 The dedicated solar volume is the amount of water that cannot be heated by any other heat source in line with ADL1 Compliance
- 2 Heat up time from 15°C to 60°C (applies to primary heat source only)
- 3 For further ErP information, please refer to the installation manual at [www.gledhill.net](http://www.gledhill.net)
- 4 The schematics shown above are representational, please refer to the installation manual for full technical requirements

# STAINLESSLITE PLUS HORIZONTAL SOLAR

180 | 210 | 250 | 300 LITRES

## KEY FEATURES

- One of the first independently approved domestic horizontal unvented cylinders
- Provides the ideal solution for height restricted installation spaces
- Specifically designed for use with solar thermal panels in addition to gas or oil boilers
- 3kW incoloy immersion heater for emergency back-up



25 YEAR WARRANTY



LIGHTEST CYLINDER ON THE MARKET



GAS OR OIL BOILERS

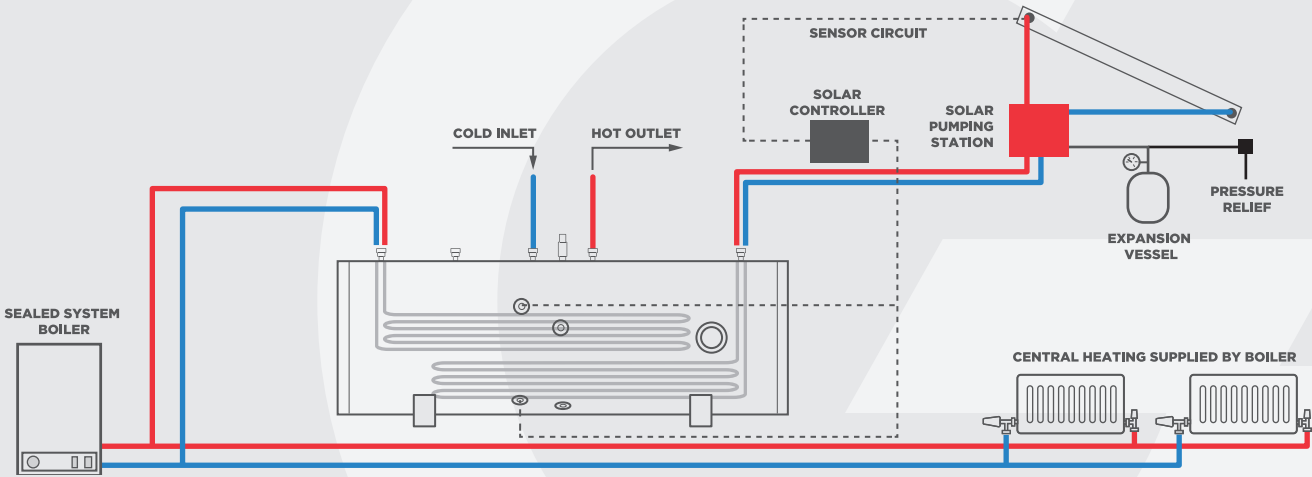


SOLAR THERMAL



IMMERSION HEATER

## TECHNICAL SPECIFICATION



## STAINLESSLITE PLUS HORIZONTAL SOLAR

| Description            |        | IND180 SOL | IND210 SOL | IND250 SOL | IND300 SOL |
|------------------------|--------|------------|------------|------------|------------|
| Product stock code     |        | PLUIN180SH | PLUIN210SH | PLUIN250SH | PLUIN300SH |
| ErP rating             |        | C          | C          | C          | C          |
| Heat loss              | watts  | 78         | 82         | 86         | 91         |
| Capacity               | litres | 170        | 204        | 244        | 287        |
| Overall height         | mm     | 588        | 588        | 588        | 588        |
| Overall width          | mm     | 1306       | 1494       | 1744       | 1990       |
| Diameter               | mm     | 550        | 550        | 550        | 550        |
| Weight (empty)         | kg     | 29         | 31         | 34         | 45         |
| Weight (full)          | kg     | 199        | 235        | 278        | 332        |
| Heat up time           | min    | 21         | 24         | 38         | 26         |
| Dedicated solar volume | litres | 64         | 85         | 112        | 145        |
| Number of immersions   |        | 1          | 1          | 1          | 1          |
| Secondary return       |        | Yes        | Yes        | Yes        | Yes        |

### NOTES:

- 1 The dedicated solar volume is the amount of water that cannot be heated by any other heat source in line with ADL1 Compliance
- 2 Heat up time from 15°C to 60°C (applies to primary heat source only)
- 3 For further ErP information, please refer to the installation manual at [www.gledhill.net](http://www.gledhill.net)
- 4 The schematics shown above are representational, please refer to the installation manual for full technical requirements

# STAINLESSLITE PLUS HEAT PUMP

180 | 210 | 250 | 300 | 400 LITRES



STAINLESSLITE PLUS  
HEAT PUMP NOW  
B-RATED UP TO 210L

## KEY FEATURES

- Designed for use with either air source or ground source heat pumps
- High efficiency corrugated coil maximises heat transfer to the cylinder of water
- 3kW incoloy immersion heater for emergency back-up
- 90° elbow, flexihose and drain valve supplied as standard
- Standard and slimline models available



25 YEAR  
WARRANTY



LIGHTEST CYLINDER  
ON THE MARKET

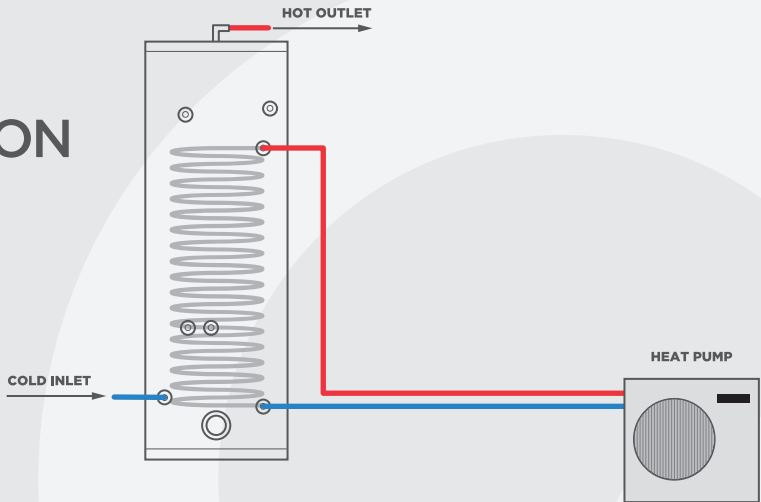


IMMERSION  
HEATER



AIR OR  
GROUND SOURCE  
HEAT PUMPS

## TECHNICAL SPECIFICATION



### STAINLESSLITE PLUS HEAT PUMP

| Description             |                | HP180IND | HP210IND | HP250IND | HP300IND | HP400IND |
|-------------------------|----------------|----------|----------|----------|----------|----------|
| Product stock code      |                | PLUHP180 | PLUHP210 | PLUHP250 | PLUHP300 | PLUHP400 |
| ErP rating              |                | B        | B        | C        | C        | C        |
| Heat loss               | watts          | 55       | 62       | 74       | 86       | 87       |
| Capacity                | litres         | 178      | 208      | 248      | 287      | 393      |
| Height                  | mm             | 1306     | 1494     | 1744     | 1990     | 2030     |
| Diameter                | mm             | 550      | 550      | 550      | 550      | 630      |
| Weight (empty)          | kg             | 34       | 38       | 43       | 47       | 62       |
| Weight (full)           | kg             | 212      | 246      | 291      | 334      | 462      |
| Surface area of HP coil | m <sup>2</sup> | 2.5      | 3        | 3        | 3        | 4        |
| Number of immersions    |                | 1        | 1        | 1        | 1        | 1        |
| Secondary return        |                | No       | Yes      | Yes      | Yes      | Yes      |

### STAINLESSLITE PLUS SLIMLINE HEAT PUMP

| Description             |                | HP180SL    | HP210SL    |
|-------------------------|----------------|------------|------------|
| Product stock code      |                | PLUHP180SL | PLUHP210SL |
| ErP rating              |                | C          | C          |
| Heat loss               | watts          | 67         | 74         |
| Capacity                | litres         | 183        | 202        |
| Height                  | mm             | 1791       | 1963       |
| Diameter                | mm             | 475        | 475        |
| Weight (empty)          | kg             | 38         | 40         |
| Weight (full)           | kg             | 219        | 237        |
| Surface area of HP coil | m <sup>2</sup> | 3          | 3          |
| Number of immersions    |                | 1          | 1          |
| Secondary return        |                | No         | Yes        |

#### NOTES:

- 1 For further ErP information, please refer to the installation manual at [www.gledhill.net](http://www.gledhill.net)
- 2 The schematics shown above are representational, please refer to the installation manual for full technical requirements

# STAINLESSLITE PLUS HEAT PUMP SOLAR

180 | 210 | 250 | 300 | 400 LITRES



## KEY FEATURES

- Designed for use with either air source or ground source heat pumps in addition to solar thermal panels
- High efficiency corrugated coil maximises heat transfer to the cylinder of water
- 3kW incoloy immersion heater for emergency back-up
- 90° elbow, flexihose and drain valve supplied as standard



25 YEAR  
WARRANTY



LIGHTEST CYLINDER  
ON THE MARKET



IMMERSION  
HEATER

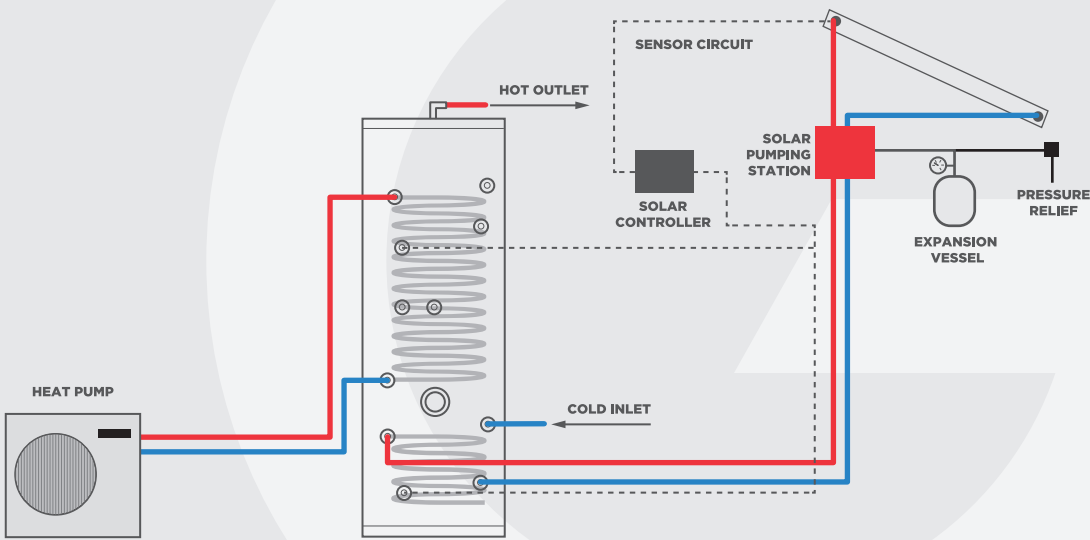


AIR OR  
GROUND SOURCE  
HEAT PUMPS



SOLAR  
THERMAL

## TECHNICAL SPECIFICATION



## STAINLESSLITE PLUS HEAT PUMP SOLAR

| Description             |        | HP180INDSOL | HP210INDSOL | HP250INDSOL | HP300INDSOL | HP400INDSOL |
|-------------------------|--------|-------------|-------------|-------------|-------------|-------------|
| Product stock code      |        | PLUHP180S   | PLUHP210S   | PLUHP250S   | PLUHP300S   | PLUHP400S   |
| ErP rating              |        | B           | B           | C           | C           | C           |
| Heat loss               | watts  | 55          | 62          | 74          | 86          | 87          |
| Capacity                | litres | 178         | 208         | 248         | 287         | 393         |
| Height                  | mm     | 1306        | 1494        | 1744        | 1990        | 2030        |
| Diameter                | mm     | 550         | 550         | 550         | 550         | 630         |
| Weight (empty)          | kg     | 33          | 37          | 44          | 48          | 61          |
| Weight (full)           | kg     | 211         | 245         | 292         | 335         | 461         |
| Surface area of HP coil | m²     | 1.36        | 1.56        | 1.94        | 2.04        | 2.91        |
| Dedicated solar volume  | litres | 63.5        | 74          | 88          | 102         | 130         |
| Number of immersions    |        | 1           | 1           | 1           | 1           | 1           |
| Secondary return        |        | No          | Yes         | Yes         | Yes         | Yes         |

### NOTES:

- 1 For further ErP information, please refer to the installation manual at [www.gledhill.net](http://www.gledhill.net)
- 2 The schematics shown above are representational, please refer to the installation manual for full technical requirements

# STAINLESSLITE PLUS BUFFER STORE

90 | 120 | 210 | 300 | 400 LITRES



STAINLESSLITE PLUS  
BUFFER STORE NOW  
B-RATED UP TO 210L

## KEY FEATURES

- Open vented duplex stainless steel cylinder in direct or indirect models
- Buffer stores increase the overall volume of the heating distribution system, and reduce the cycling of the heat pump
- Designed for use with either air source or ground source heat pumps
- Indirect models for use with gas or oil boilers, utilise a high efficiency corrugated coil to maximise heat transfer



LIGHTEST CYLINDER  
ON THE MARKET

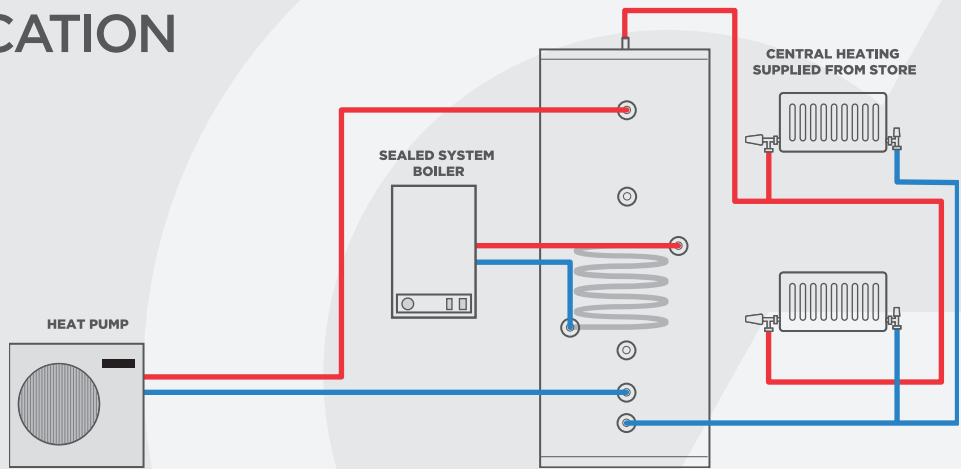


GAS OR OIL  
BOILERS



AIR OR  
GROUND SOURCE  
HEAT PUMPS

## TECHNICAL SPECIFICATION



### STAINLESSLITE PLUS DIRECT BUFFER STORE

| Description        |        | 90D       | 120D      | 210D      | 300D      | 400D      |
|--------------------|--------|-----------|-----------|-----------|-----------|-----------|
| Product stock code |        | PLUDR090B | PLUDR120B | PLUDR210B | PLUDR300B | PLUDR400B |
| ErP rating         |        | A         | B         | B         | C         | C         |
| Heat loss          | watts  | 32        | 39        | 62        | 86        | 87        |
| Capacity           | litres | 91        | 119       | 208       | 287       | 393       |
| Height             | mm     | 764       | 931       | 1494      | 1990      | 2030      |
| Diameter           | mm     | 550       | 550       | 550       | 550       | 630       |
| Weight (empty)     | kg     | 17        | 20        | 30        | 39        | 51        |
| Weight (full)      | kg     | 108       | 139       | 238       | 326       | 451       |

### STAINLESSLITE PLUS INDIRECT BUFFER STORE

| Description        |        | 120IND    | 210IND    | 300IND    | 400IND    |
|--------------------|--------|-----------|-----------|-----------|-----------|
| Product stock code |        | PLUIN120B | PLUIN210B | PLUIN300B | PLUIN400B |
| ErP rating         |        | B         | B         | C         | C         |
| Heat loss          | watts  | 39        | 62        | 86        | 87        |
| Capacity           | litres | 119       | 208       | 287       | 393       |
| Height             | mm     | 931       | 1494      | 1990      | 2030      |
| Diameter           | mm     | 550       | 550       | 550       | 630       |
| Weight (empty)     | kg     | 22        | 32        | 41        | 55        |
| Weight (full)      | kg     | 141       | 240       | 328       | 455       |

NOTES:

- 1 For further ErP information, please refer to the installation manual at [www.gledhill.net](http://www.gledhill.net)
- 2 The schematics shown above are representational, please refer to the installation manual for full technical requirements

# STAINLESSLITE PLUS FLEXIBLE BUFFER STORE

90 | 120 | 210 | 250 | 300 | 400 LITRES



STAINLESSLITE PLUS  
FLEXIBLE BUFFER STORE  
NOW B-RATED UP TO 210L

## KEY FEATURES

- Open vented duplex stainless steel cylinder
- Provides connections for multiple inputs
- Suitable for use with air source or ground source heat pumps, wood burning stoves or open vented boilers
- Designed to directly supply the heating circuit
- Works up to 3.5 bar pressure



LIGHTEST CYLINDER  
ON THE MARKET



GAS OR OIL  
BOILERS

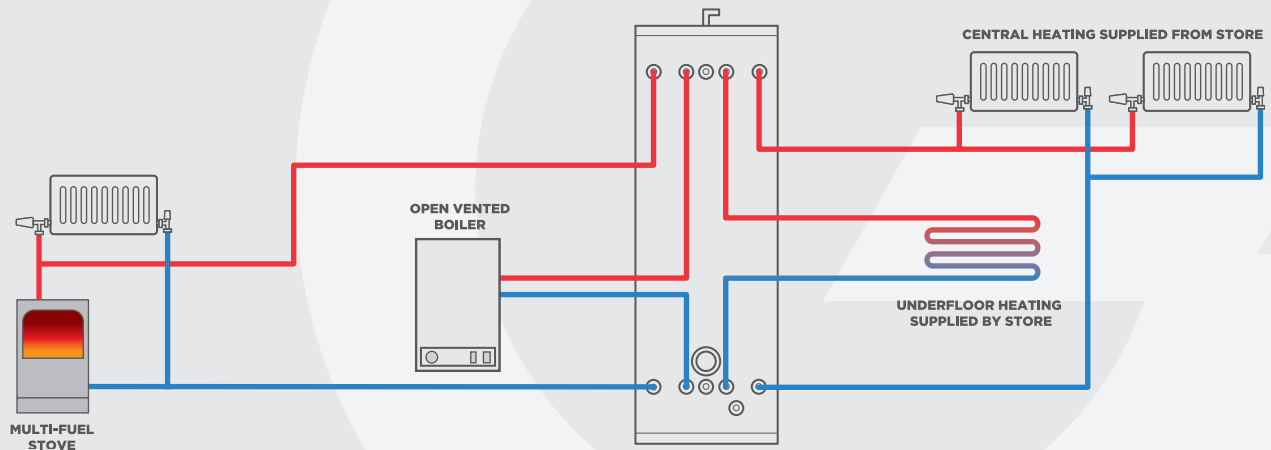


AIR OR  
GROUND SOURCE  
HEAT PUMPS



SOLID  
FUEL

## TECHNICAL SPECIFICATION



## STAINLESSLITE PLUS FLEXIBLE BUFFER STORE

| Description        |        | 90FLX    | 120FLX   | 210FLX   | 250FLX   | 300FLX   | 400FLX   |
|--------------------|--------|----------|----------|----------|----------|----------|----------|
| Product stock code |        | PLU090MB | PLU120MB | PLU210MB | PLU250MB | PLU300MB | PLU400MB |
| ErP rating         |        | A        | B        | B        | C        | C        | C        |
| Heat loss          | watts  | 32       | 39       | 62       | 74       | 86       | 87       |
| Capacity           | litres | 91       | 119      | 208      | 248      | 287      | 393      |
| Height             | mm     | 764      | 931      | 1494     | 1744     | 1990     | 2030     |
| Diameter           | mm     | 550      | 550      | 550      | 550      | 550      | 630      |
| Weight (empty)     | kg     | 18       | 21       | 30       | 34       | 39       | 51       |
| Weight (full)      | kg     | 109      | 140      | 238      | 282      | 326      | 451      |

### NOTES:

1. For further ErP information, please refer to the installation manual at [www.gledhill.net](http://www.gledhill.net)
2. The schematics shown above are representational, please refer to the installation manual for full technical requirements

## SPARES

Gledhill cylinders are manufactured to the highest quality standards. In the unlikely event that you require a spare part, you can contact Gledhill Spare Parts, on:

**01253 474412**

or visit [www.gledhill-spares.net](http://www.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**



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