

The Flextherm Eco G2 is a thermal battery. It converts electricity directly into heat and stores it for the provision of hot water. With its compact design and efficient operation, Flextherm Eco fits in every home and is a very energy efficient appliance.

A direct cylinder alternative that delivers hot water more efficiently from solar PV. Grid electricity provides greater flexibility when needed.

Super-compact to free up valuable storage space, these products are the ideal replacement for traditional vented and unvented hot water cylinders and hot water only thermal stores.

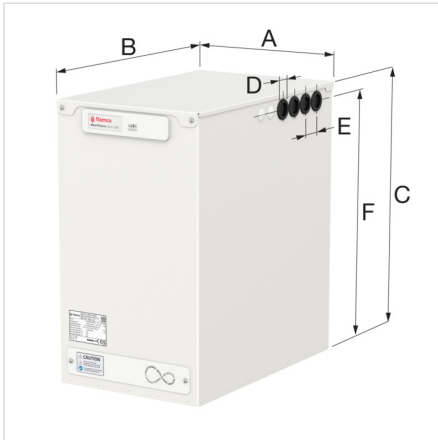
Boost your low primary network temperature for the domestic hot water preparation with our new product combination “LogoEco Hybrid FL”. The LogoEco Hybrid FL is a unique combination of a Heat Interface Unit (HIU) and a Flextherm Eco, an ultra-compact and efficient thermal battery for the preparation of Domestic Hot Water (DHW). The Flextherm Eco stores energy (electrical or thermal) to make it available for instantaneous hot water generation. [Click here](#) for more information about the LogoEco Hybrid FL.



### Voordelen

- Simple user interface.
- Quick and easy to install.
- Flexibility of orientation.
- High powered heat exchanger.
- Patented PCM formulation - storing 4x more energy than water.
- Space-saving - up to 4x smaller.
- Free hot water from surplus solar.
- Low heat losses.
- High flow rate hot water.
- Instantaneously heated for hygiene and freshness.
- Fast and easy to install.
- No mandatory annual maintenance.

|                         |                                     |     |
|-------------------------|-------------------------------------|-----|
| Omschrijving            | Flextherm Eco G2 6E                 |     |
| Artikelnummer           | 23011                               |     |
| GTIN                    | 08712874230118                      |     |
| Model                   | <u>Flextherm Eco G2 E (2 pijps)</u> |     |
| Inhoud [kWh]            | 199                                 |     |
| Aansluitingen D-E (2x)  | 22 koper                            |     |
| Axiale afstand D-E [mm] | 50                                  |     |
| Afmetingen              | A [mm]                              | 365 |
|                         | B [mm]                              | 575 |
|                         | C [mm]                              | 640 |
|                         | F [mm]                              | 603 |



### Flextherm Eco G2 E (2 pijps) - Prestaties

| Technische gegevens                                            | Flextherm Eco G2 E (2 pijps) |                   |                   |                   |
|----------------------------------------------------------------|------------------------------|-------------------|-------------------|-------------------|
|                                                                | 3E                           | 6E                | 9E                | 12E               |
| Energy label class <sup>4)</sup>                               | C                            | C                 | C                 | C                 |
| Fresh water content [l] <sup>1)</sup>                          | 3,2                          | 3,2               | 6                 | 12,8              |
| Equivalent hot water cylinder size [l] <sup>2)</sup>           | 74                           | 140               | 212               | 306               |
| Volume of hot water available at 40 °C (V40) [l] <sup>3)</sup> | 105                          | 199               | 301               | 436               |
| Heat loss [kWh/24h (W)]                                        | 0,48 / (20)                  | 0,67 / (28,1)     | 0,77 / (32,1)     | 0,84 / (34,9)     |
| Electrical efficiency ( $\eta_{elecwh}$ ) [%] <sup>6)</sup>    | 81,4                         | 89,6              | 93,8              | 93,3              |
| Annual electricity consumption (AEC) [kWh/year] <sup>6)</sup>  | 542                          | 1,398             | 2,690             | 2701              |
| Tapping cycle <sup>6)</sup>                                    | S                            | M                 | L                 | L                 |
| Maximum HW flow rate [l/min] <sup>5)</sup>                     | 6                            | 15                | 20                | 25                |
| Recommended operating pressure / PRV set point [MPa (bar)]     | 0,3 (3)                      | 0,3 (3)           | 0,3 (3)           | 0,3 (3)           |
| Minimum supply pressure at Heat Battery inlet [MPa (bar)]      | 0,15 (1,5)                   | 0,15 (1,5)        | 0,15 (1,5)        | 0,15 (1,5)        |
| Maximum operating pressure / PRV set point [MPa (bar)]         | 0,5 (5)                      | 0,5 (5)           | 0,5 (5)           | 0,5 (5)           |
| BERV recommended set point [MPa (bar)]                         | 0,6 (6)                      | 0,6 (6)           | 0,6 (6)           | 0,6 (6)           |
| Maximum design pressure / BERV maximum set point [MPa (bar)]   | 1,0 (10)                     | 1,0 (10)          | 1,0 (10)          | 1,0 (10)          |
| Recommended TMV (thermostatic mixing valve) setting [°C]       | 45 - 55                      | 45 - 55           | 45 - 55           | 45 - 55           |
| Connected load at ~230 V, 50Hz [W]                             | 2800                         | 2800              | 2800              | 2800              |
| Power supply rating / Standby consumption 50Hz                 | 1 PH AC 230 V / 7            | 1 PH AC 230 V / 7 | 1 PH AC 230 V / 7 | 1 PH AC 230 V / 7 |
| Net weight - empty [kg]                                        | 75                           | 136               | 172               | 220               |
| Net weight - filled [kg]                                       | 79                           | 140               | 178               | 233               |

<sup>1)</sup> Water content of the Heat Battery for sizing expansion vessels.

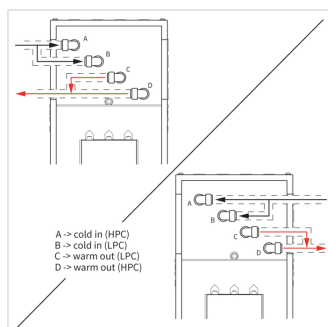
<sup>2)</sup> Calculated from the storage capacity of the Heat Battery and assuming that the equivalent hot water cylinder thermostat is set at 60 °C, mains cold water inlet temperature is at 10 °C and the stored energy utilisation factor of the cylinder is 0.85.

<sup>3)</sup> The hot water volume available from the Heat Battery normalised to an average outlet temperature of 40 °C when it is fully charged by the electric heating element.

<sup>4)</sup> When installed as an alternative to an electric water heater.

<sup>5)</sup> While the Heat Battery can deliver higher flow rates than those listed, doing so will result in reduced performance in terms of duration of discharge and energy provided.

<sup>6)</sup> Based on standard: BS EN 50440:2015.



### Algemene classificatie data

|               |                      |
|---------------|----------------------|
| ETIM groep    | Warmteopwekkers      |
| ETIM klasse   | Boiler elektrisch    |
| Product naam  | FlexTherm Eco G2 6E  |
| Merk          | FLAMCO               |
| Product type  | Phase Change Storage |
| Artikelnummer | 23011                |
| GTIN          | 08712874230118       |

### Classificatie Attributen

|                                       |                |
|---------------------------------------|----------------|
| Materiaal boilervat                   | Kunststof      |
| Kwaliteitsklasse boiler               | Overig         |
| Oppervlaktebescherming vat            | Gecoat         |
| Materiaal mantel                      | Staal          |
| Tankvolume                            | 140 Liter      |
| Aansluitspanning                      | 230 Volt       |
| Nom. vermogen                         | 2.8 Kilowatt   |
| Aansluitspanning                      | 230 - 230 V    |
| Drie fase uitvoering                  | Nee            |
| Frequentie                            | 50 Hz          |
| Uitvoeringsvorm                       | Staannd        |
| Plint boiler                          | Nee            |
| Toepasbaar bij normale waterdruk      | Ja             |
| Met nachtstroomschakeling             | Nee            |
| Lagedruk uitvoering                   | Nee            |
| Hot fill                              | Nee            |
| Duo uitvoering                        | Nee            |
| Geschikt voor kokend water            | Nee            |
| Met waterkoeler                       | Nee            |
| Wandopstelling                        | Nee            |
| Plaatsing collector horizontaal       | Nee            |
| Plaatsing horizontaal                 | Nee            |
| Plaatsing verticaal                   | Ja             |
| KIWA-keur                             | Ja             |
| Met temperatuurindicatie              | Nee            |
| Temperatuurbegrenzing                 | Ja             |
| Max. toelaatbare bedrijfsdruk         | 10 bar         |
| Met circulatie-aansluiting            | Ja             |
| Max. werkdruk                         | 5 bar          |
| Met kraan/mengkraan                   | Nee            |
| Met drukreducerendventiel             | Nee            |
| Met thermometer                       | Nee            |
| Met reinigingsopening                 | Nee            |
| Beschermingsanode                     | Nee            |
| Hoogte                                | 640 Millimeter |
| Breedte                               | 365 Millimeter |
| Diepte                                | 575 Millimeter |
| Nom. diameter koud tapwater           | DN 20          |
| Uitwendige buisdiameter koud tapwater | 22 Millimeter  |
| Aansluiting warm tapwater             | Overig         |
| Nom. diameter warm tapwater           | DN 20          |
| Uitwendige buisdiameter warm tapwater | 22 Millimeter  |
| Capaciteitsprofiel                    | XL             |
| Energie-efficiëntieklasse             | C              |

**Vind meer informatie online:**[Quick start guide](#)[Installation and operating instruction](#)[Wiring & Settings \(Flextherm Eco G2 with PV\)](#)[EU Declaration of Conformity](#)[Brochure Flextherm Eco G2 \(ENG\)](#)[Brochure Energie-investeringsaftrek \(EIA\)](#)[Flyer EIA subsidie duurzaam investeren](#)[The Green Village](#)[ErP label Flextherm Eco G2 3E](#)[ErP label Flextherm Eco G2 6E](#)[ErP label Flextherm Eco G2 9E](#)[ErP label Flextherm Eco G2 12E](#)[FlexTherm Eco](#)[Installatie video FlexTherm Eco](#)