

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.

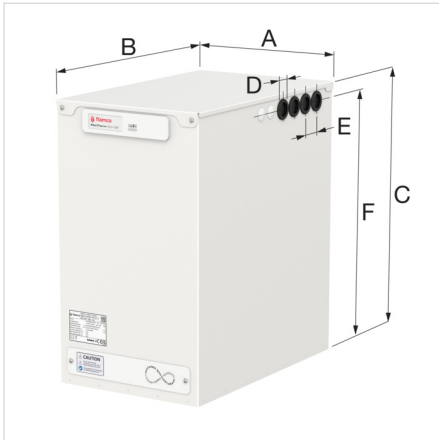
Boost your low primary network temperature for the domestic hot water preparation with our new product combination “LogoEco Hybrid FL”. The LogoEco Hybrid FL is a unique combination of a Heat Interface Unit (HIU) and a Flextherm Eco, an ultra-compact and efficient thermal battery for the preparation 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 12E	
Artikelnummer	23013	
GTIN	08712874230132	
Model	Flextherm Eco G2 E (2 pijps)	
Inhoud [kWh]	436	
Aansluitingen D-E (2x)	22 koper	
Axiale afstand D-E [mm]	50	
Afmetingen	A [mm]	365
	B [mm]	575
	C [mm]	1050
	F [mm]	1013



Flextherm Eco G2 E (2 pijps) - Prestaties

Technische gegevens	Flextherm Eco G2 E (2 pijps)			
	3E	6E	9E	12E
Energy label class ⁴⁾	C	C	C	C
Fresh water content [l] ¹⁾	3,2	3,2	6	12,8
Equivalent hot water cylinder size [l] ²⁾	74	140	212	306
Volume of hot water available at 40 °C (V40) [l] ³⁾	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 (η_{elecwh}) [%] ⁶⁾	81,4	89,6	93,8	93,3
Annual electricity consumption (AEC) [kWh/year] ⁶⁾	542	1,398	2,690	2701
Tapping cycle ⁶⁾	S	M	L	L
Maximum HW flow rate [l/min] ⁵⁾	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

¹⁾ Water content of the Heat Battery for sizing expansion vessels.

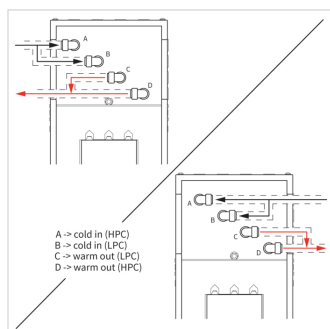
²⁾ Calculated from the storage capacity of the Heat Battery and assuming that the equivalent hot water cylinder thermostat is set at 60 °C, mains cold water inlet temperature is at 10 °C and the stored energy utilisation factor of the cylinder is 0.85.

³⁾ 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.

⁴⁾ When installed as an alternative to an electric water heater.

⁵⁾ 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.

⁶⁾ Based on standard: BS EN 50440:2015.



Algemene classificatie data

ETIM groep	Warmteopwekkers
ETIM klasse	Boiler elektrisch
Product naam	FlexTherm Eco G2 12E
Merk	FLAMCO
Product type	Phase Change Storage
Artikelnummer	23013
GTIN	08712874230132

Classificatie Attributen

Materiaal boilervat	Kunststof
Kwaliteitsklasse boiler	Overig
Oppervlaktebescherming vat	Gecoat
Materiaal mantel	Staal
Tankvolume	306 Liter
Aansluitspanning	230 Volt
Nom. vermogen	2.8 Kilowatt
Aansluitspanning	230 - 230 V
Drie fase uitvoering	Nee
Frequentie	50 Hz
Uitvoeringsvorm	Staand
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	1050 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	XXL
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](#)