

The FlexBalance EcoPlus C allows hydraulic separation between the primary and secondary circuits of commercial heating and cooling systems with air and dirt separation.

Advantages

- No more overloaded pumps.
- Improved accurate regulation of the system.
- Considerably improved heat transfer.
- Higher output by the system.
- Intergration of air and dirt separation.
- Compact.
- Heat transfer level of 99%.
- Low flow resistance.

Technical Specifications

- Working pressure: 0.2 - 10 bar.
- Minimum/Maximum working temperature: -10 °C / 110 °C.
- Equipped with a Flexvent Top $\frac{3}{8}$

" white (28510).

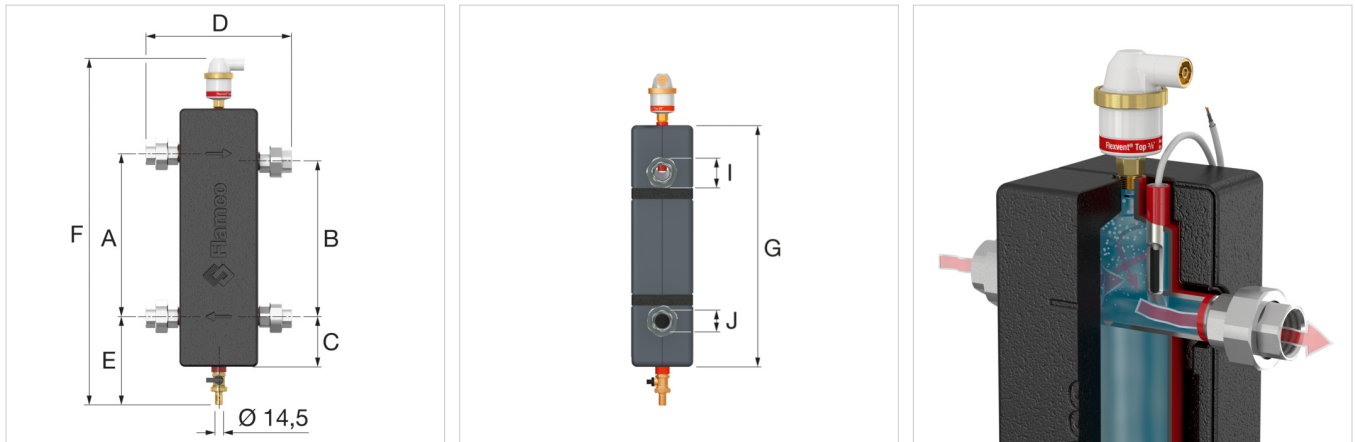
- Equipped with a brass drain valve $\frac{1}{2}$ " and hose connection.
- Suitable for addition of glycol-based anti-freeze up to 50%.
- Vessel: steel ST 37/2, red coated RAL 3002.
- Insulation: EPP
- A temperature sensor can be inserted in the sensor connection (G $\frac{1}{2}$ ") with an immersion pipe.
Inner diameter: 12.5 mm.
- Coupling (4x) with conical seal, galvanized steel.



Description	Flexbalance hydr. sep. EcoPlus C 1 1/2"
Order Code	28379
GTIN	08712874283794
Model	<u>FlexBalance EcoPlus C</u>
Connection (4x)	G 1 $\frac{1}{2}$ " F
Capacity [l]	3.8
Max. power [kW]	140
Flow rate [l/s]	1.6
K_v^* [m ³ /h] ($\Delta P = 1$ bar)	64.0
Length immersion pipe [mm]	92
Weight [kg]	20

* $K_v = Q / \sqrt{\Delta P}$ Q: Flow [m³/h] ΔP : Pressure loss over the product [bar]

Flow factor K_v : Rate of flow [m³/h] which results in a 1 bar pressure drop across the product.



FlexBalance EcoPlus C - Dimensions

Type	Dimensions								
	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	I [mm]	J [mm]
FlexBalance EcoPlus C 1	290	276	85	262	160	620	455	55	38
FlexBalance EcoPlus C 1 ¼	340	321	85	280	160	680	505	67	48
FlexBalance EcoPlus C 1 ½	340	320	85	320	160	680	505	74	53
FlexBalance EcoPlus C 2	400	373	95	326	170	755	585	90	65

Classification General Data

Etim Group	Distributors/collectors
Etim Class	Open central heating distributor
Product Name	Flexbalance C G1½"F EcoPlus
Brand	Flamco
Product Type	C 1 1/2
Artikelnummer	28379

Attributes

Material	Steel
Max. heating power	140 Kilowatt
Number of boiler connections	2
Boiler connection model	Other
Nominal diameter boiler connections	1 1/2 inch
Installation side connection model	Other
Nominal diameter installation side	1 1/2 inch
Number of air-release connections	1
Nominal diameter air-release	Other

Find more information online:

[Installation and operating instruction](#)

[Flexbalance EcoPlus C ADSK](#)

[Flexbalance EcoPlus C DWG](#)

[Flexbalance EcoPlus C IPT](#)

[Flexbalance EcoPlus C STEP](#)

[Export catalogue](#)

[Packaging data](#)

Fort Blauwkapel 1
1358 DB, Almere - nl

T +31 (0)36 52 62 300
E info@aalberts-hfc.com
I flamcogroup.com