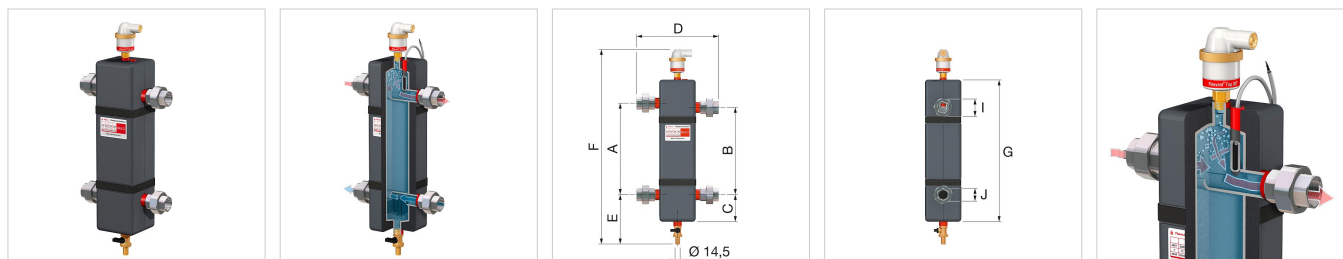


## Product Data Sheet

### FlexBalance EcoPlus C

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



Type	Connection (4x)	Capacity [l]	Max. power [kW]	Flow rate [l/s]	$K_v^*$ [m³/h] ( $\Delta P = 1 \text{ bar}$ )	Length immersion pipe [mm]	Weight [kg]	###	Order Code
FlexBalance EcoPlus C 1	Rp 1"	1.4	60	0.7	26.6	80	11	1	28377
FlexBalance EcoPlus C 1 1/4	Rp 1 1/4"	2.3	100	1.2	44.0	86	15	1	28378
FlexBalance EcoPlus C 1 1/2	Rp 1 1/2"	3.8	140	1.6	64.0	92	20	1	28379
FlexBalance EcoPlus C 2	Rp 2"	4.5	200	2.6	104.0	104	24	1	28380

\*  $K_v = Q / \sqrt{\Delta P}$  Q: Flow [m³/h]  $\Delta P$ : 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.

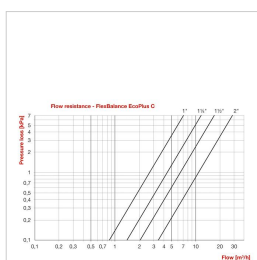
Type	Dimensions								
	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	I [mm]	J [mm]
FlexBalance EcoPlus C 1	290	276	85	262	160	620	455	55	38
FlexBalance EcoPlus C 1 1/4	340	321	85	280	160	680	505	67	48
FlexBalance EcoPlus C 1 1/2	340	320	85	320	160	680	505	74	53
FlexBalance EcoPlus C 2	400	373	95	326	170	755	585	90	65

## 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 information

- Working pressure: 0.2 - 10 bar.
  - Minimum/Maximum working temperature: -10 °C / 110 °C.
  - Equipped with a Flexvent Top 
- " white (28510).<>
- Equipped with a brass drain valve 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: material - PUR foam with two quick fasteners. 
- : 0.022 - 0.025W/mK.<>
- A temperature sensor can be inserted in the sensor connection (G 1/2") with an immersion pipe.
- Inner diameter: 12.5 mm.
- Coupling (4x) with conical seal, galvanized steel.



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