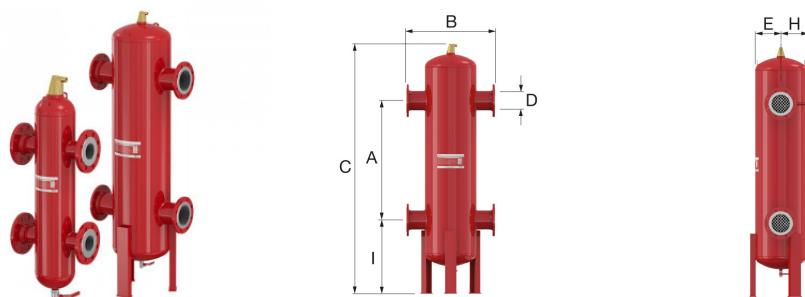


FLEXBALANCE PLUS F - [prosystemitalia.com](http://prosystemitalia.com)

## FLEXBALANCE PLUS F - Group 2022A



### Application

For balancing hydraulic pressure in heating installations consisting of multiple circuits and pumps. The use of our patented PALL-ring technique enables a better response, returns higher efficiency, decreases total built-in height and shares its de-aeration and dirt separation benefits

FlexBalance Plus hydraulic balancers are supplied with an automatic air vent, a dirt chamber have a connection for a temperature sensor. The sensor can be connected using an immersion pipe (G 1/2"). Conventional VDMA 24770 hydraulic balance.

FlexBalance Plus DN150 and larger: Standard equipped with legs.

### Technical Data

Connections: Flanged according to EN 1092-1 PN16

Maximum operating pressure: 10.0 bar.

Minimum pressure: 0.2bar

Minimum temperature: -10°C

Maximum operating temperature: 120 °C.

Max % glycol: 50%

Maximum recommended flow velocity:

2,0 m/s primary circuit

1.2 m/s. secondary circuit

External coating: 2 part Epoxy (RAL 3002), > 45µm.

### Approvals

| DN  | A [mm] | B [mm] | C [mm] | E [mm] | H [mm] | I [mm] | Capacity [kW] | Flow [m3/h] |
|-----|--------|--------|--------|--------|--------|--------|---------------|-------------|
| 50  | 400    | 350    | 950    | 88     | 154    | -      | 100 - 200     | 5 - 15      |
| 65  | 400    | 350    | 950    | 88     | 154    | -      | 180 - 330     | 10 - 17     |
| 80  | 625    | 470    | 1265   | 135    | 188    | -      | 300 - 450     | 15 - 30     |
| 100 | 625    | 470    | 1265   | 135    | 188    | -      | 400 - 770     | 25 - 55     |
| 125 | 830    | 635    | 1767   | 180    | 213    | -      | 700 - 1150    | 35 - 80     |
| 150 | 1040   | 774    | 2175   | 225    | 237    | 645    | 1000 - 1750   | 55 - 120    |
| 200 | 1400   | 1000   | 2895   | 300    | 277    | 825    | 1500 - 2800   | 90 - 200    |
| 250 | 1850   | 1220   | 3646   | 400    | 325    | 977    | 2500 - 4500   | 110 - 350   |
| 300 | 1850   | 1220   | 3646   | 400    | 369    | 977    | 4200 - 6400   | 150 - 500   |
| 350 | 2325   | 1580   | 4525   | 500    | 398    | 1177   | 6000 - 7700   | 200 - 600   |
| 100 | 2700   | 1870   | 5115   | 600    | 432    | 1285   | 7000 - 10000  | 250 - 800   |

| Tipo   | Kg    | Pezzi per confezione | Codice Articolo |
|--------|-------|----------------------|-----------------|
| DN 50  | 43.5  | 1                    | 28480           |
| DN 65  | 43.5  | 1                    | 28481           |
| DN 80  | 57    | 1                    | 28482           |
| DN 100 | 79.5  | 1                    | 28483           |
| DN 125 | 100   | 1                    | 28484           |
| DN 150 | 229.5 | 1                    | 28485           |
| DN 200 | 342   | 1                    | 28486           |
| DN 250 | 675   | 1                    | 28487           |
| DN 300 | 765   | 1                    | 28488           |