

### For sealed heating (acc. to EN12828) and cooling installations.

When the temperature in the installation rises, the system water will expand. The 'expansion water' is stored temporarily in the expansion vessel to keep the pressure in the installation at the correct level. Each vessel is factory tested.

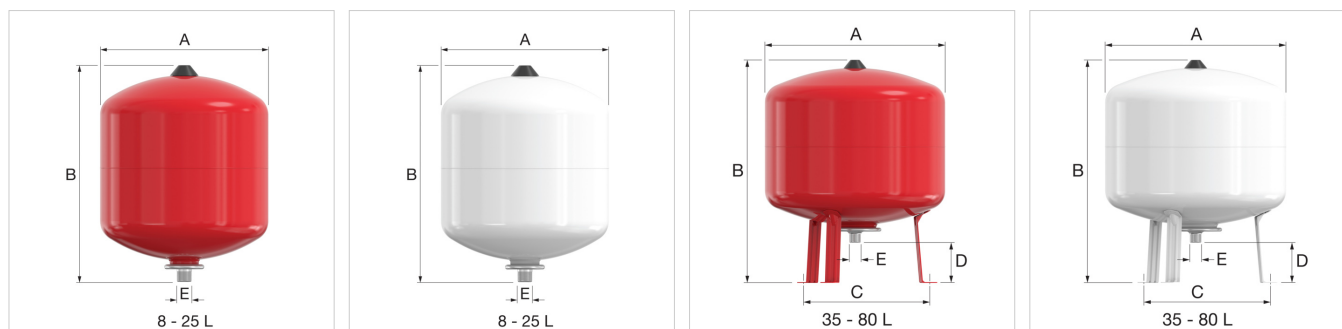


### Advantages

- The thread of the system connection is uncoated, ensuring problem free connection.
- The fixed bag-type diaphragm prevents the water to come in contact with the bare steel of the vessel.
- Nitrogen gas filling for longer maintenance of pre-pressure.

### Technical Specifications

- Maximum working pressure: 6.0 bar.
- Red (RAL 3002) epoxy powder coating (also available in white (RAL9010)).
- Vessels in accordance with EN13831.
- Suitable for systems with a maximum system temperature of 120 °C.
- Min. / max. temperature diaphragm: -10 / 70 °C.
- Diaphragm: EPDM.
- All welded construction.
- Zinc plated flange.
- Suitable for addition of glycol-based anti-freeze up to 50%.
- Suitable for addition of ethanol-based anti-freeze up to 30%.
- In accordance with Pressure Equipment Directive 2014/68/EU.
- Baseflex 35 - 80: Standard equipped with legs.





| Type                         | Capacity<br>[l] | Pre-charge<br>[bar] | Max.<br>working<br>pressure<br>[bar] | Dimensions |           |             |           | Syst.<br>conn.<br>(E) | Weight<br>[kg] |  | Order<br>Code |
|------------------------------|-----------------|---------------------|--------------------------------------|------------|-----------|-------------|-----------|-----------------------|----------------|-------------------------------------------------------------------------------------|---------------|
|                              |                 |                     |                                      | A<br>[mm]  | B<br>[mm] | Ø C<br>[mm] | D<br>[mm] |                       |                |                                                                                     |               |
| Baseflex 8/1.5 [6bar]        | 8               | 1.5                 | 6                                    | 235        | 272       | -           | -         | G 3/4" M              | 2.2            | 105                                                                                 | 25300         |
| Baseflex 8/1.5 [6bar] white  | 8               | 1.5                 | 6                                    | 235        | 272       | -           | -         | G 3/4" M              | 2.2            | 105                                                                                 | 25255         |
| Baseflex 12/1.5 [6bar]       | 12              | 1.5                 | 6                                    | 235        | 363       | -           | -         | G 3/4" M              | 2.4            | 90                                                                                  | 25301         |
| Baseflex 12/1.5 [6bar] white | 12              | 1.5                 | 6                                    | 235        | 363       | -           | -         | G 3/4" M              | 2.4            | 90                                                                                  | 25256         |
| Baseflex 18/0.5 [6bar]       | 18              | 0.5                 | 6                                    | 290        | 375       | -           | -         | G 3/4" M              | 3.4            | 60                                                                                  | 25324         |
| Baseflex 18/1.0 [6bar]       | 18              | 1.0                 | 6                                    | 290        | 375       | -           | -         | G 3/4" M              | 3.4            | 60                                                                                  | 25325         |
| Baseflex 18/1.5 [6bar]       | 18              | 1.5                 | 6                                    | 290        | 375       | -           | -         | G 3/4" M              | 3.4            | 60                                                                                  | 25302         |
| Baseflex 18/0.5 [6bar] white | 18              | 0.5                 | 6                                    | 290        | 375       | -           | -         | G 3/4" M              | 3.4            | 60                                                                                  | 25326         |
| Baseflex 18/1.0 [6bar] white | 18              | 1.0                 | 6                                    | 290        | 375       | -           | -         | G 3/4" M              | 3.4            | 60                                                                                  | 25327         |
| Baseflex 18/1.5 [6bar] white | 18              | 1.5                 | 6                                    | 290        | 375       | -           | -         | G 3/4" M              | 3.4            | 60                                                                                  | 25332         |
| Baseflex 25/0.5 [6bar]       | 25              | 0.5                 | 6                                    | 290        | 479       | -           | -         | G 3/4" M              | 4.2            | 48                                                                                  | 25328         |
| Baseflex 25/1.0 [6bar]       | 25              | 1.0                 | 6                                    | 290        | 479       | -           | -         | G 3/4" M              | 4.2            | 48                                                                                  | 25329         |
| Baseflex 25/1.5 [6bar]       | 25              | 1.5                 | 6                                    | 290        | 479       | -           | -         | G 3/4" M              | 4.2            | 48                                                                                  | 25303         |
| Baseflex 25/1.5 [6bar] white | 25              | 1.5                 | 6                                    | 290        | 479       | -           | -         | G 3/4" M              | 4.2            | 48                                                                                  | 25333         |
| Baseflex 35/1.5 [6bar]       | 35              | 1.5                 | 6                                    | 390        | 482       | 330         | 70        | G 3/4" M              | 5.4            | 24                                                                                  | 25305         |
| Baseflex 35/1.5 [6bar] white | 35              | 1.5                 | 6                                    | 390        | 482       | 330         | 70        | G 3/4" M              | 5.4            | 24                                                                                  | 25334         |
| Baseflex 50/1.5 [6bar]       | 50              | 1.5                 | 6                                    | 390        | 607       | 330         | 70        | G 3/4" M              | 8.7            | 18                                                                                  | 25306         |
| Baseflex 50/1.5 [6bar] white | 50              | 1.5                 | 6                                    | 390        | 607       | 330         | 70        | G 3/4" M              | 8.7            | 18                                                                                  | 25335         |
| Baseflex 80/1.5 [6bar]       | 80              | 1.5                 | 6                                    | 390        | 854       | 330         | 70        | G 3/4" M              | 12.3           | 15                                                                                  | 25307         |
| Baseflex 80/1.5 [6bar] white | 80              | 1.5                 | 6                                    | 390        | 854       | 330         | 70        | G 3/4" M              | 12.3           | 15                                                                                  | 25336         |



**Find more information online:**[Installation and operating instruction](#)[EU Declaration of conformity PED Module A](#)[EU Declaration of conformity PED Module D1](#)[Baseflex DWG](#)[Baseflex STEP](#)[Baseflex RFA](#)[Catalogue as PDF](#)[Packaging data](#)

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