

Expansion vessels



Key advantages

High-quality expansion vessels

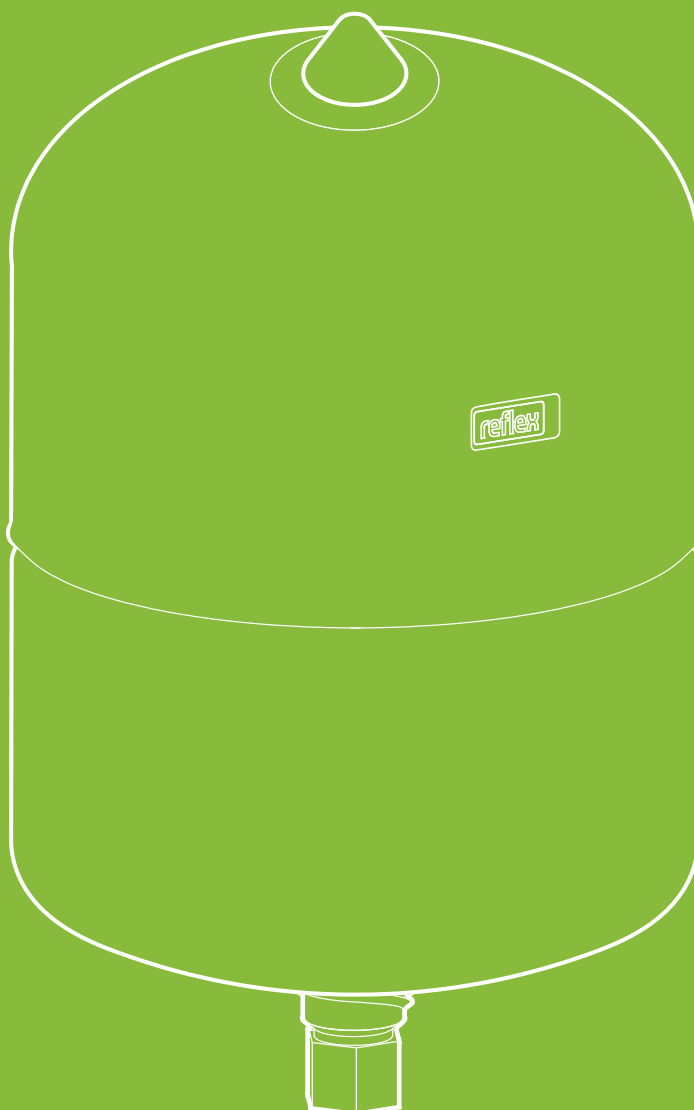
- Long operating life due to high-quality membrane and stable vessel
- Due to the use of a bladder on all DD, DT, C-DE, DE and hot water vessels, the vessel is not in contact with the medium and is therefore more resistant to corrosion
- Approved in accordance with pressure equipment guidelines 2014/68/EU
- Refix DD and DT meet all the requirements of DIN 4807 T5

Wide range of designs and application areas

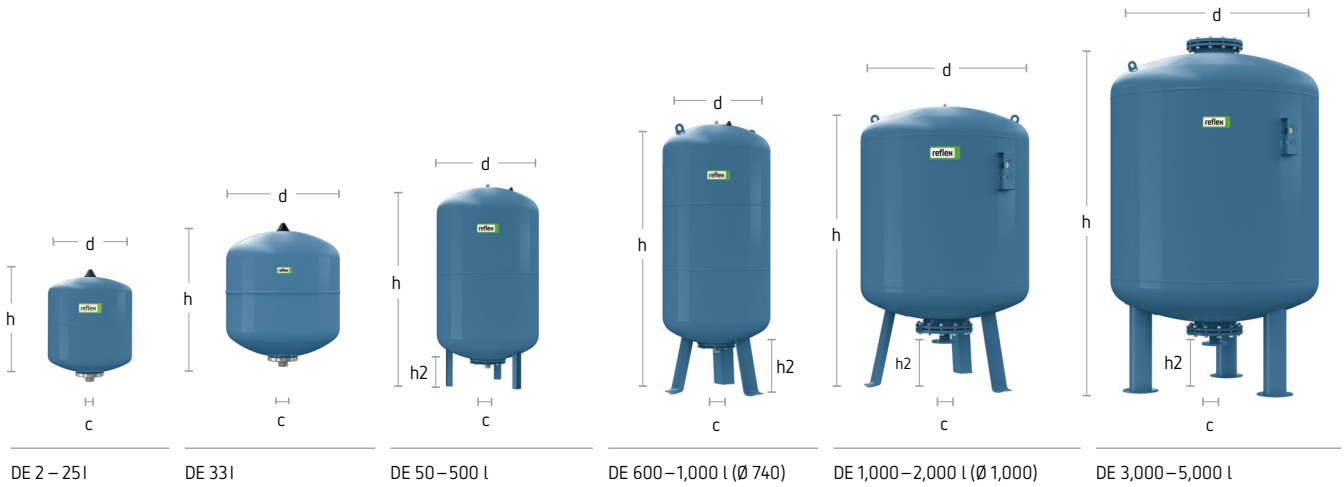
- For potable water, pressure booster systems and water heating systems to DIN 1988
- For heating, heat pump, cooling and solar applications as well as process water applications which do not fall within the scope of DIN 1988.

Rapid design and installation

- Intuitive design configuration software for rapid selection and calculation
- Vessels are supplied ready for use
- Low-maintenance operation



Refix DE



Technical Features

- Only for systems **not** required to meet DIN 1988, such as fire-fighting and service water systems, underfloor heating and geothermal installations
- Parts in contact with water are corrosion-protected
- Bladder according to DIN EN 13831/replaceable from 50 litres
- No medium circulating, without shut-off and without draining
- From Ø 1,000 mm including pressure gauge
- Pressure gauge and supply pressure valve protected by clip
- Approval according to Pressure Equipment Directive 2014/68/EU
- Durable epoxy resin coating
- With factory-pressurised gas chamber
- Vessels certified to WRAS and ACS upon request
- The following types are equipped with a diaphragm break detector coupling:
 - 10/16 bar: ≥ 1,000 l / Ø 1,000 mm
 - 25 bar: ≥ 80 l

	Type	Art. No.	DG	PQ	Inlet pressure	Connection	Ø	Height	Height	Weight
		blue		[pce]	[bar]	c	d	h	h2	
							[mm]	[mm]	[mm]	[kg]
10 bar 70 °C	DE 2	7200300	0040	288	4	G ¾"	132	260	–	0.98
	DE 8	7301000	0040	96	4	G ¾"	206	332	–	1.80
	DE 12	7302000	0040	60	4	G ¾"	280	310	–	2.16
	DE 18	7303000	0040	56	4	G ¾"	280	407	–	3.27
	DE 25	7304000	0040	42	4	G ¾"	280	518	–	3.75
	DE 33	7303900	0040	24	4	G ¾"	354	457	–	4.95
	DE 33 st	7305500	0040	24	4	G ¾"	354	520	66	5.70
	DE 50	7306005	0042	20	4	G1"	409	604	102	9.27
	DE 60	7306400	0042	18	4	G1"	409	734	161	10.50
	DE 80	7306500	0042	10	4	G1"	480	737	143	12.80
	DE 100	7306600	0042	10	4	G1"	480	852	143	14.80
	DE 200	7306700	0042	4	4	G 1 ¼"	634	967	150	34.80
	DE 300	7306800	0042	1	4	G 1 ¼"	634	1,267	150	41.60
	DE 400	7306850	0042	1	4	G 1 ¼"	740	1,245	139	74.00
	DE 500	7306900	0042	1	4	G 1 ¼"	740	1,475	133	74.00
	DE 600	7306950	0042	1	4	G 1 ½"	740	1,859	263	128.00
	DE 800	7306960	0042	1	4	G 1 ½"	750	2,324	263	176.00
	DE 1000	7306970	0042	1	4	G 1 ½"	740	2,804	261	210.00
	DE 1000	7311405	0044	1	4	DN65/PN16	1,000	2,001	286	308.00
	DE 1500	7311605	0044	1	4	DN65/PN16	1,200	1,991	291	426.00
DE 2000	7311705	0044	1	4	DN65/PN16	1,200	2,451	291	717.00	
DE 3000	7311805	0044	1	4	DN65/PN16	1,500	2,531	320	962.00	
DE 4000	7354000	0044	1	4	DN65/PN16	1,500	3,080	320	1,132.00	
DE 5000	7354200	0044	1	4	DN65/PN16	1,500	3,645	320	1,292.00	

	Type	Art. No. blue	DG	PQ [pce]	Inlet pressure [bar]	Connection c	Ø d [mm]	Height h [mm]	Height h2 [mm]	Weight [kg]
16 bar 70 °C	DE 8	7301006	0040	96	4	G ¾"	206	337	–	2.32
	DE 12	7302105	0040	72	4	G ¾"	280	310	–	3.05
	DE 25	7304015	0040	42	4	G ¾"	280	518	–	5.00
	DE 80	7348600	0042	4	4	G1"	480	744	138	20.12
	DE 100	7348610	0042	4	4	G1"	480	849	132	23.00
	DE 200	7348620	0042	1	4	G 1 ½"	634	967	150	57.00
	DE 300	7348630	0042	1	4	G 1 ½"	634	1,267	150	66.00
	DE 400	7348640	0042	1	4	G 1 ½"	740	1,394	263	118.00
	DE 500	7348650	0042	1	4	G 1 ½"	740	1,614	263	133.00
	DE 600	7348660	0042	1	4	G 1 ½"	740	1,859	263	158.00
	DE 800	7348670	0042	1	4	G 1 ½"	740	2,324	263	202.00
	DE 1000	7348680	0042	1	4	G 1 ½"	740	2,804	263	240.00
	DE 1000	7312805	0044	1	4	DN65/PN16	1,000	2,001	286	530.00
	DE 1500	7312905	0044	1	4	DN65/PN16	1,200	1,991	291	685.00
	DE 2000	7313005	0044	1	4	DN65/PN16	1,200	2,451	291	895.00
	DE 3000	7313105	0044	1	4	DN65/PN16	1,500	2,531	320	1,240.00
25 bar 70 °C	DE 8	7290100	0040	60	4	G ¾"	206	338	–	3.15
	DE 80	7317600	0044	1	4	DN50/PN40	450	942	159	70.00
	DE 120	7313700	0044	1	4	DN50/PN40	450	1,253	159	100.00
	DE 180	7313500	0044	1	4	DN50/PN40	450	1,528	159	116.00
	DE 300	7313800	0044	1	4	DN50/PN40	750	1,318	160	150.00
	DE 400	7313300	0044	1	4	DN50/PN40	750	1,423	160	245.00
	DE 600	7321500	0044	1	4	DN50/PN40	750	1,868	159	290.00
	DE 800	7321200	0044	1	4	DN50/PN40	750	2,268	159	355.00
	DE 1000	7321000	0044	1	4	DN50/PN40	750	2,768	159	245.00
	DE 1000	7322200	0044	1	4	DN65/PN40	1,000	2,051	242	800.00
	DE 1500	7322100	0044	1	4	DN65/PN40	1,200	2,071	291	850.00
	DE 2000	7313400	0044	1	4	DN65/PN40	1,200	2,531	240	960.00
	DE 3000	7345700	0044	1	4	DN65/PN40	1,500	2,619	269	1,550.00