



Thinking solutions.

Expansion vessels



Reflex, Reflex

Key advantages

High-quality expansion vessels

- For closed heating and cooling water systems as well as solar applications and process water
- Long-lasting, wear-resistant membrane reliably maintains the pressure
- Approved in accordance with pressure equipment guidelines 2014/68/EU

Wide range of designs

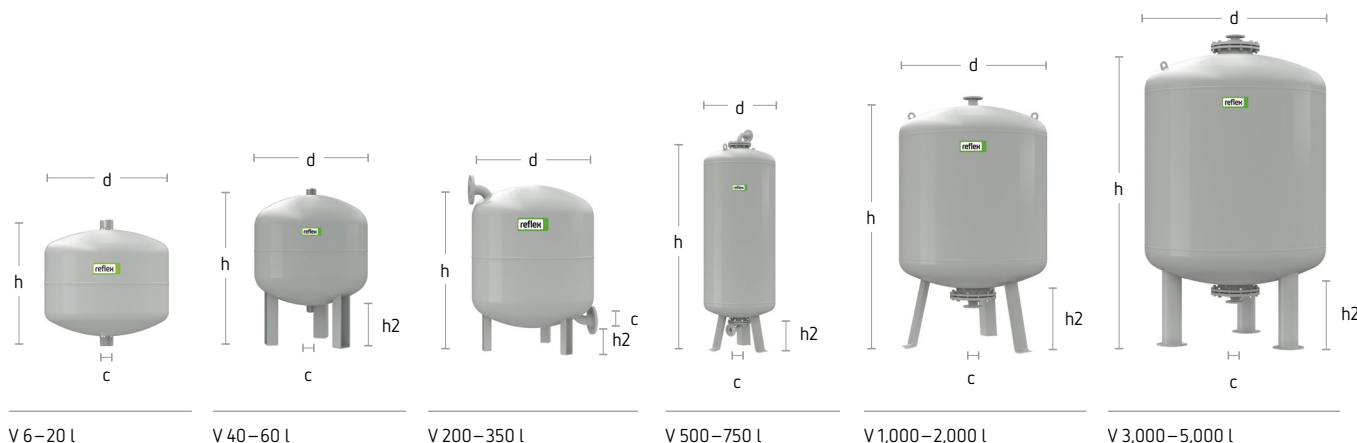
- Extremely broad pressure ranges and vessel volumes
- Extremely wide range of forms, types and comprehensive range of accessories
- With diaphragm or bladder
- Many years of experience with special, customer-specific solutions

Rapid design and installation

- Intuitive design configuration software for rapid selection and calculation
- Rapid installation



Reflex V



Technical Features

- Auxiliary vessel Without membrane
- Approval according to Pressure Equipment Directive 2014/68/EU
- From V 40 with feet
- Required for systems with return temperatures greater than the maximum permissible operating temperature of the diaphragm expansion vessel or in cooling systems with temperatures less than the maximum permissible operating temperature of the diaphragm expansion vessel
- Can also be used as a buffer storage tank
- Special vessel >10 bar / >120 °C available upon request
- Durable epoxy resin coating

	Type	Art. No.	DG	PQ	Connection	Ø	Height	Height	Weight
		grey		[pce]	c	d	h	h2	
						[mm]	[mm]	[mm]	[kg]
6 bar 120 °C	V 500	8852800	0024	1	DN40/PN6	750	1,717	208	160.00
	V 750	8851800	0024	1	DN40/PN6	750	2,323	208	205.00
	V 1000	8851905	0024	1	DN65/PN6	1,000	2,020	305	310.00
	V 1500	8852305	0024	1	DN65/PN6	1,200	2,020	305	405.10
	V 2000	8852405	0024	1	DN65/PN6	1,200	2,478	305	545.00
	V 3000	8852505	0024	1	DN65/PN6	1,500	2,556	337	775.00
	V 4000	8853405	0024	1	DN65/PN6	1,500	3,131	337	1,060.00
	V 5000	8854805	0024	1	DN65/PN6	1,500	3,666	337	1,095.00
	10 bar 110 °C	V 6	8303100	0024	96	R ¾"	206	244	—
V 12		8303200	0024	72	R ¾"	280	244	—	3.30
V 20		8303300	0024	42	R ¾"	280	360	—	3.30
V 40		8303400	0024	18	R 1"	409	562	113	9.75
V 60		8303500	0024	12	R 1"	409	732	172	12.40
V 200		8303600	0024	1	DN40/PN16	634	901	142	35.25
V 300		8303700	0024	1	DN40/PN16	634	1,201	142	48.00
V 350		8303800	0024	1	DN40/PN16	634	1,341	142	51.00
10 bar 120 °C	V 500	8400105	0024	1	DN40/PN16	750	1,644	208	290.00
	V 750	8400155	0024	1	DN40/PN16	750	2,258	197	420.00
	V 1000	8400205	0024	1	DN65/PN16	1,000	2,055	286	560.00
	V 1500	8400305	0024	1	DN65/PN16	1,200	2,045	284	636.10
	V 2000	8400405	0024	1	DN65/PN16	1,200	2,505	284	940.00
	V 3000	8400505	0024	1	DN65/PN16	1,500	2,600	313	1,405.00
	V 4000	8400605	0024	1	DN65/PN16	1,500	3,178	313	1,930.00
	V 5000	8400705	0024	1	DN65/PN16	1,500	3,713	313	2,015.00