

Expansion vessels



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

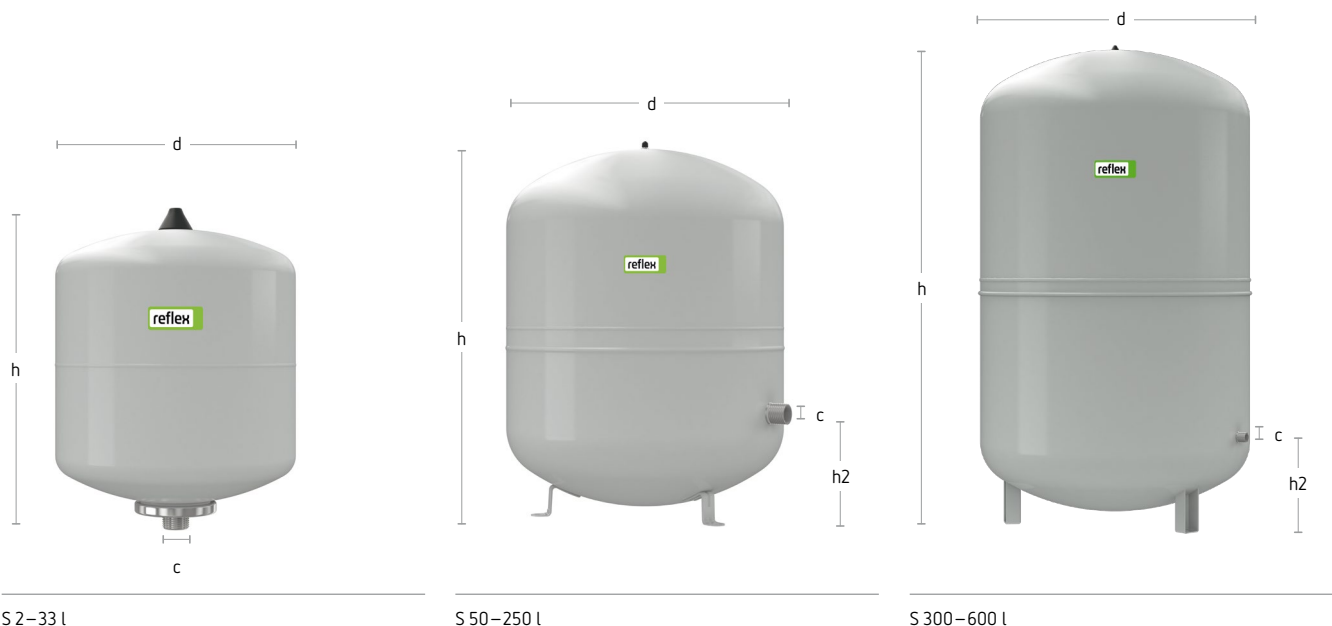
- Extremely broad pressure ranges and vessel volumes
- Extremely wide range of forms, types and comprehensive range of accessories
- With diaphragm or bladder
- Many years of experience with special, customer-specific solutions

Rapid design and installation

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



Reflex S



S 2–33 l

S 50–250 l

S 300–600 l

Technical Features

- For solar, heating and cooling systems
- With threaded connections
- 33 litres with brackets, from 50 litres with adjustable feet
- For antifreeze additive of at least 25–50 %
- Up to 33 litres non-replaceable bladder, non-replaceable diaphragm for 50–600 litres
- Max. operating temperature 70 °C
- Approval according to Pressure Equipment Directive 2014/68/EU
- Durable epoxy resin coating
- With factory-pressurised gas chamber
- Max. permissible system temperature 120 °C

	Type	Art. No.		DG	PQ [pce]	Inlet pressure [bar]	Connection c	Ø d [mm]	Height h [mm]	Height h2 [mm]	Weight [kg]
		grey	white								
10 bar 70 °C	S 2	8707700	–	0014	280	0.5	G ¾"	132	260	–	0.98
	S 8	8703900	9702600	0014	96	1.5	G ¾"	206	332	–	1.80
	S 12	8704000	9702700	0014	60	1.5	G ¾"	280	300	–	2.16
	S 18	8704100	9702800	0014	56	1.5	G ¾"	280	409	–	2.95
	S 25	8704200	9702900	0014	42	1.5	G ¾"	280	518	–	3.68
	S 33	8706200	9706300	0014	24	1.5	G ¾"	354	455	–	4.80
	S 50	8209500	–	0019	20	3.0	R ¾"	415	469	158	8.06
	S 80	8210300	–	0019	12	3.0	R 1"	486	562	166	12.10
	S 100	8210500	–	0019	10	3.0	R 1"	486	667	165	12.90
	S 140	8211500	–	0019	6	3.0	R 1"	486	886	172	19.05
	S 200	8213400	–	0019	1	3.0	R 1"	640	758	205	27.50
	S 250	8214400	–	0019	1	3.0	R 1"	640	888	205	32.40
	S 300	8215400	–	0019	1	3.0	R 1"	640	1,092	235	47.00
	S 400	8219000	–	0019	1	3.0	R 1"	746	1,102	245	61.00
	S 500	8219100	–	0019	1	3.0	R 1"	746	1,321	245	72.00
S 600	8219200	–	0019	1	3.0	R 1"	746	1,559	245	87.00	