

altecnic | reflex

Quality assurance, precision engineering.

Announcing the new Reflex Range
of Expansion Vessels from Altecnic.

Carbon Steel extra durable, lightweight shell.

Nitrogen Fill prolongs pressure, pre-charge and prevents internal corrosion.

High quality thick bladder reduces permeability.

Clamp technology improves fixing strength.

Epoxy powder coating ensures hard wearing finish.

Sealed Schrader valve
retains pressure longer.



Smart on the inside, tough on the outside and a bit of a looker!

Altecnic offers merchants a seductive partnership of precision German engineering and Altecnic quality assurance. Every product you need and unrivalled performance when it comes to an expansion vessel for Solar, Potable and Sealed Heating Systems.

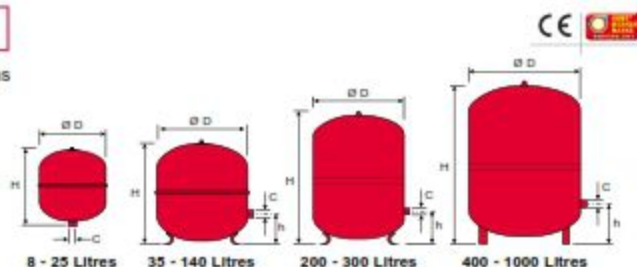


'reflex'

Technical Data

'reflex NG and N'

- ▶ for heating and chilled water applications
- ▶ threaded connections
- ▶ non-replaceable diaphragm, according to DIN 4807 norm part 3, max. operating temperature 70 °C
- ▶ meets or exceeds EC norms for pressure vessels 97/23/CE
- ▶ colour: red or white, durable powder coating finish
- ▶ preset pressure 1.5 bar (Nitrogen)



Type	Article-No.		ø D	H	h	C	Weight
	red	white	mm	mm	mm		kg
3 bar / 120 °C							
NG 8	7202505	7202805	206	285	---	R ¾	1,7
NG 12	7203306	7203505	280	275	---	R ¾	2,3
NG 18	7204305	7204405	280	345	---	R ¾	2,8
NG 25	7206305	7206405	280	465	---	R ¾	3,5
NG 35	7208405	7208505	354	460	130	R ¾	5,7
6 bar / 120 °C							
NG 50	7001000	7001100	409	493	175	R ¾	7,5
NG 80	7001200	7001300	480	565	175	R 1	9,9
NG 100	7001400	7001500	480	670	175	R 1	11,2
NG 140	7001600	7001700	480	912	175	R 1	14,5
N Series							
N 200	7213300	---	634	760	205	R 1	36,7
N 250	7214300	---	634	890	205	R 1	45,0
N 300	7215300	---	634	1060	205	R 1	52,0
N 400	7218000	---	740	1070	245	R 1	65,0
N 500	7218300	---	740	1290	245	R 1	79,0
N 600	7218400	---	740	1530	245	R 1	85,0
N 800	7218500	---	740	1995	245	R 1	103,0
N 1000	7218600	---	740	2410	245	R 1	120,0

↑ V_n Nominal volume / Litres

'reflex F'

- ▶ flat vessel for heating (built-in boiler applications)
- ▶ non-replaceable diaphragm, according to DIN 4807 norm part 3, max. operating temperature 70 °C
- ▶ from 18 ltr with wall-hung clip
- ▶ meets or exceeds EC norms for pressure vessels 97/23/CE
- ▶ colour: white, stove enamelled finish

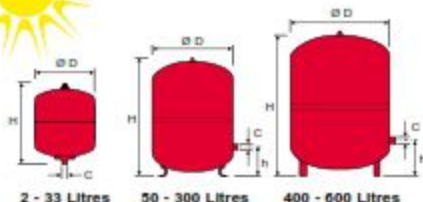


Type	Article-No.	H	B	T	C	Weight	Pre-set pressure
	white	mm	mm	mm		kg	bar
3 bar / 120 °C							
F 8	9600011	389	389	88	G ¾	87,0	1,0
F 12	9600030	444	350	108	G ½	112,0	
F 15	9600040	444	350	134	G ¾	126,0	
F 18	9600000	444	350	158	G ¾	150,0	
F 24	9600010	444	350	180	G ¾	158,0	

↑ V_n Nominal volume / Litres

'reflex S'

- ▶ for solar, heating and chilled water applications
- ▶ suitable for anti-frost substance up to 50%
- ▶ threaded connections
- ▶ non-replaceable diaphragm, according to DIN 4807 norm part 3, max. operating temperature 70 °C
- ▶ 33 litres with wall-hung clip
- ▶ meets or exceeds EC norms for pressure vessels 97/23/CE
- ▶ colour: red or white, durable powder coating finish



Type	Article-No.	Article-No.	∅ D	H	h	C	Weight	Pre-set pressure
10 bar / 120 °C	red	white	mm	mm	mm		kg	bar
S 2	9707700	---	132	260	---	G ¾	1,1	0,5
S 8	9703900	9702600	206	325	---	G ¾	2,5	
S 12	9704000	9702700	280	300	---	G ¾	3,5	
S 18	9704100	9702800	280	380	---	G ¾	4,5	1,5
S 25	9704200	9702900	280	500	---	G ¾	5,5	
S 33	9706200	9706300	354	450	---	G ¾	6,3	
<hr/>								
S 50	7209500	---	409	505	200	R 1	13,2	
S 80	7210300	---	480	570	210	R 1	18,4	
S 100	7210500	---	480	675	210	R 1	22,7	
S 140	7211500	---	480	915	210	R 1	29,0	
S 200	7213400	---	634	785	235	R 1	40,0	3,0
S 250	7214400	---	634	915	235	R 1	48,0	
S 300	7215400	---	634	1085	235	R 1	54,0	
S 400	7219000	---	740	1070	245	R 1	78,0	
S 500	7219100	---	740	1290	245	R 1	80,0	
S 600	7219200	---	740	1530	245	R 1	103,0	

↑ V: Nominal volume / Litres

reflex 'Wall hung holder' for vessels 8 - 25 litres

- ▶ console with tightening strap for vertical mounting

Article-No.

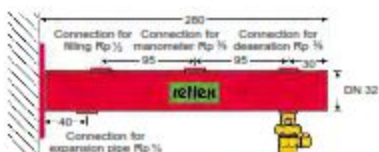
8 - 25 l 7611000



- ▶ console with multiple connections

Article-No.

8 - 25 l 7612000



NEW!

reflex 'Digital pressure gauge'

- ▶ display range up to approx. 9 bar

Article-No.

9119198



reflex

'reflex' Technical Data

NEW!

'reflex G'

- ▶ for heating and chilled water applications
- ▶ **replaceable bladder**, according to DIN 4807 norm part 3, max. operating temperature 70 °C
- ▶ meets or exceeds EC norms for pressure vessels 97/23/EC
- ▶ inspection opening
- ▶ factory-mounted pressure gauge
- ▶ colour red; durable powder coating finish
- ▶ preset pressure 3.5 bar (Nitrogen)



100 - 500 Litres



600 - 1000 (ø 740) Litres



1000 (ø 1000) - 5000 Litres
(1000-2000 Litres without upper flange)



Type		Article-No.	ø D	H	h	C	Weight kg
6 bar / 120 °C			mm	mm	mm		
G	400	7521605	740	1253	146	G 1	51,0
G	500	7521705	740	1473	146	G 1	59,0
G	600	7522605	740	1718	146	G 1	74,0
G	800	7523610	740	2183	146	G 1	102,0
G	1000 ø 740	7546605	740	2593	146	G 1	158,0
G	1000 ø 1000	7524605	1000	1975	305	DN 65/PN 6	248,0
G	1500	7526605	1200	1975	305	DN 65/PN 6	297,0
G	2000	7527605	1200	2430	305	DN 65/PN 6	370,0
G	3000	7544605	1500	2480	335	DN 65/PN 6	640,0
G	4000	7529605	1500	3055	335	DN 65/PN 6	828,0
G	5000	7530605	1500	3590	335	DN 65/PN 6	905,0

Type		Article-No.	ø D	H	h	C	Weight kg
10 bar / 120 °C			mm	mm	mm		
G	100	7518000	480	856	152	G 1	16,5
G	200	7518100	634	972	144	G 1½	36,5
G	300	7518200	634	1267	144	G 1½	41,6
G	400	7521005	740	1245	133	G 1½	59,0
G	500	7521006	740	1475	133	G 1½	65,1
G	600	7522006	740	1859	263	G 1½	128,0
G	800	7523005	740	2324	263	G 1½	176,0
G	1000 ø 740	7546005	740	2604	263	G 1½	214,0
G	1000 ø 1000	7524005	1000	2000	290	DN 65/PN 16	355,0
G	1500	7526005	1200	2000	290	DN 65/PN 16	410,0
G	2000	7527005	1200	2450	290	DN 65/PN 16	505,0
G	3000	7544005	1500	2580	320	DN 65/PN 16	870,0
G	4000	7529005	1500	3070	320	DN 65/PN 16	1120,0
G	5000	7530005	1500	3610	320	DN 65/PN 16	1330,0

↑ V: Nominal volume / Litres