

# Expansion vessels



## Reflex, Refix



# Expansion Vessels

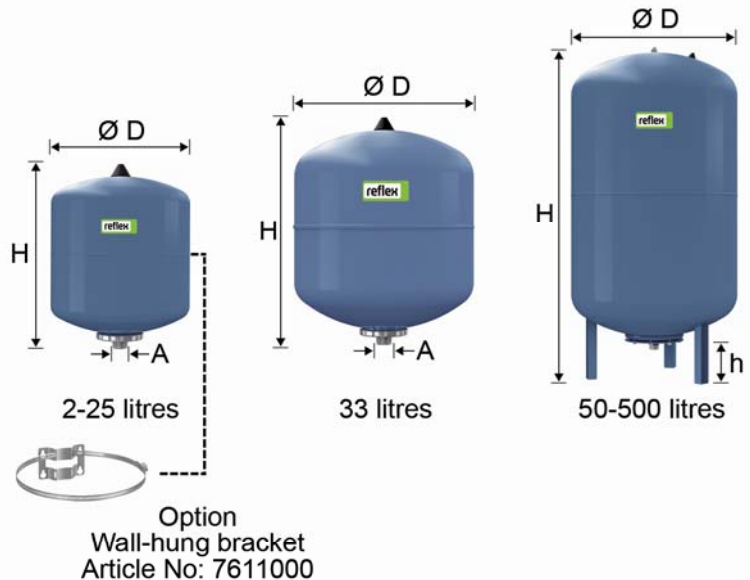
**reflex**

Thinking solutions.

## 10 bar

### Reflex DE

- For systems not subject to DIN 1988 requirements, e.g. fire-extinguishing and service water systems, geothermal energy
- For potable water, water heating and hydro-pneumatic well applications
- Bladder according to DIN EN 13831 norm part 3
- From 50 litres volume with replaceable bladder
- All vessel parts in contact with water are coated against corrosion
- Meets or exceeds EC norms for pressure vessels 97/23/EC
- Fitted with manometer from Ø 1000 mm
- Threaded connections up to 1000 litres
- Flanged connections above 1000 litres
- 3000 to 10000 litres with upper flange
- Durable epoxy coating
- Factory pre-pressurised gas chamber (Nitrogen)
- Vessels with WRAS-and/or ACS-certification upon request



CE **WRAS** APPROVED PRODUCT ACS

### 10 bar

Type 10 bar / 70°C	Article No Blue	Material Group	PU	Weight kg	Ø D mm	H mm	h mm	A
DE 2	7200300	40	288	1.0	132	260	-	G ¾
DE 8	7301000	40	96	1.8	206	335	-	G ¾
DE 12	7302000	40	72	2.4	280	307	-	G ¾
DE 18	7303000	40	56	3.2	280	410	-	G ¾
DE 25	7304000	40	42	3.8	280	520	-	G ¾
DE 33	7303900	40	24	5.7	354	454	-	G ¾
DE 33 <sup>1)</sup>	7305500	40	24	6.5	354	520	-	G ¾
DE 50	7306005	42	20	9.5	409	604	66	G 1
DE 60	7306400	42	18	11.2	409	734	102	G 1
DE 80	7306500	42	10	14.0	480	745	153	G 1
DE 100	7306600	42	10	16.0	480	850	153	G 1
DE 200	7306700	42	4	36.5	634	967	153	G 1 ¼
DE 300	7306800	42	-	41.5	634	1267	150	G 1 ¼
DE 400	7306850	42	-	73.0	740	1245	150	G 1 ¼
DE 500	7306900	42	-	103.0	740	1475	139	G 1 ¼
DE 600	7306950	42	-	128.0	740	1859	133	G 1 ½
DE 800	7306960	42	-	176.0	740	2325	263	G 1 ½
DE 1000 Ø 740	7306970	42	-	214.0	740	2804	263	G 1 ½
DE 1000 Ø 1000	7311405	44	-	427.0	1000	2001	286	DN 65/PN 16
DE 1500	7311605	44	-	542.0	1200	1991	291	DN 65/PN 16
DE 2000	7311705	44	-	717.0	1200	2451	291	DN 65/PN 16
DE 3000	7311805	44	-	962.0	1500	2521	320	DN 65/PN 16
DE 4000	7354000	44	-	1085.0	1500	3070	320	DN 65/PN 16
DE 5000	7354200	44	-	1050.0	1500	3635	320	DN 65/PN 16
DE 8000	Upon	44	-	1750.0	1500	5404	236	DN 100/PN 16
DE 10000	Request	44	-	1750.0	1500	6560	236	DN 100/PN 16

<sup>1)</sup> with legs

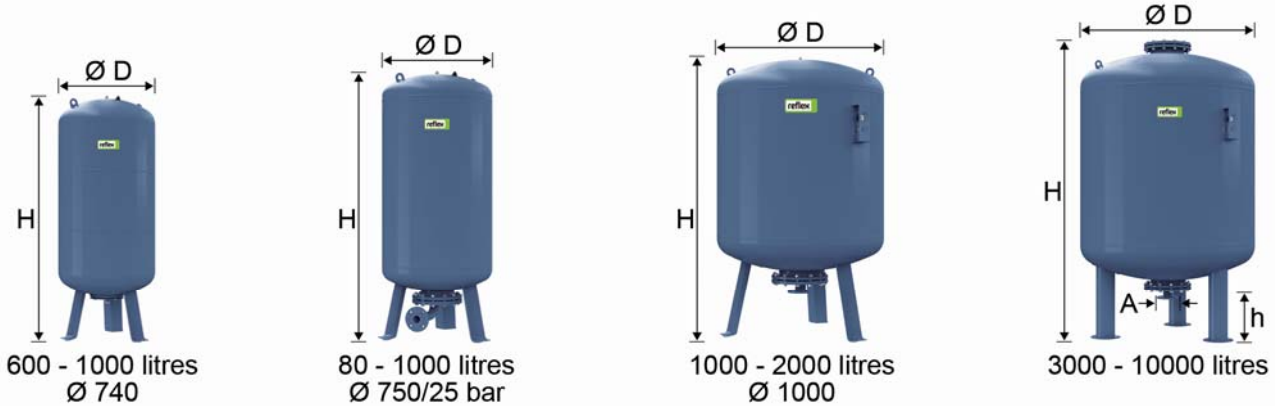
# Expansion Vessels

## 16, 25 bar

**reflex**

Thinking solutions.

### Refix DE



### 16 bar

Type 16 bar / 70°C	Article No Blue	Material Group	PU	Weight kg	Ø D mm	H mm	h mm	A
DE 8	7301006	40	96	2.8	206	335	-	G ¾
DE 12	7302105	40	72	3.5	280	309	-	G ¾
DE 25	7304015	40	24	5.8	280	520	-	G ¾
DE 80	7348600	42	-	18.0	480	745	153	G 1
DE 100	7348610	42	-	21.0	480	850	153	G 1
DE 200	7348620	42	-	57.0	634	967	150	G 1 ¼
DE 300	7348630	42	-	66.0	634	1267	150	G 1 ¼
DE 400	7348640	42	-	116.0	740	1394	265	G 1 ½
DE 500	7348650	42	-	127.0	740	1614	265	G 1 ½
DE 600	7348660	42	-	158.0	740	1859	265	G 1 ½
DE 800	7348670	42	-	202.0	740	2324	265	G 1 ½
DE 1000 Ø 740	7348680	42	-	244.0	740	2804	265	G 1 ½
DE 1000 Ø 1000	7312805	44	-	530.0	1000	2001	286	DN 65/PN 16
DE 1500	7312905	44	-	685.0	1200	1991	291	DN 65/PN 16
DE 2000	7313005	44	-	895.0	1200	2451	291	DN 65/PN 16
DE 3000	7313105	44	-	1240.0	1500	2521	320	DN 65/PN 16
DE 4000	7354100	44	-	1100.0	1500	3110	320	DN 65/PN 16
DE 5000	7354300	44	-	1120.0	1500	3645	320	DN 65/PN 16
DE 8000	Upon	44	-	1750.0	1500	5404	236	DN 100/PN 16
DE 10000	Request	44	-	1750.0	1500	6560	236	DN 100/PN 16

### 25 bar

Type 25 bar / 70°C	Article No Blue	Material Group	PU	Weight kg	Ø D mm	H mm	h mm	A
DE 8	7290100	40	60	2.4	206	334	-	G ¾
DE 80	7317600	44	-	70.0	450	942	159	DN 50/PN 40
DE 120	7313700	44	-	100.0	450	1253	159	DN 50/PN 40
DE 180	7313500	44	-	116.0	450	1528	159	DN 50/PN 40
DE 300	7313800	44	-	150.0	750	1318	160	DN 50/PN 40
DE 400	7313300	44	-	245.0	750	1423	160	DN 50/PN 40
DE 600	7321500	44	-	290.0	750	1868	159	DN 50/PN 40
DE 800	7321200	44	-	355.0	750	2268	159	DN 50/PN 40
DE 1000 Ø 750	7321000	44	-	245.0	750	2798	159	DN 50/PN 40
DE 1000 Ø 1000	7322200	44	-	800.0	1000	2051	242	DN 65/PN 40
DE 1500	7322100	44	-	850.0	1200	2071	291	DN 65/PN 40
DE 2000	7313400	44	-	960.0	1200	2531	240	DN 65/PN 40
DE 3000	7345700	44	-	1550.0	1500	2609	269	DN 65/PN 40

### Options

- Operation pressure of 40 bar
- Flanged connection DN 150 etc.
- Inner lining according to DIN/DVGW norms
- Stainless steel connection



Thinking solutions.