

Expansion tank

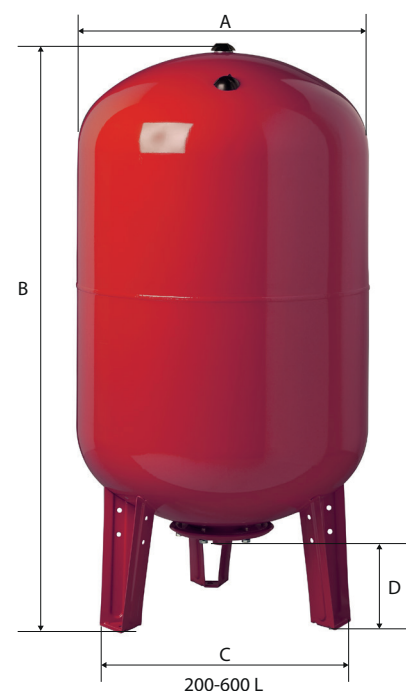


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Expansion tank

- Current accessories can be found under each article at www.ahlsell.se
- Max temperature instantaneous +100°C.
- Operating temp continuous -10°C - +70°C.
- The tanks are compatible with bioethanol up to 30% blend and glycol-based refrigerants up to 50% blend.

Art no	Volume/ Content	Pre- pressure	Max working pressure	A	B Height	C	D	Dia- phragm	Connection thread	Connection direction	Weight (kg)
5539115	8 l	1,5 bar	8 bar	200 mm	316 mm			EPDM	R20 outwards	Upwards	1,6 kg
5539116	12 l	1,5 bar	8 bar	280 mm	295 mm			EPDM	R20 outwards	Upwards	2,4 kg
5539117	18 l	1,5 bar	8 bar	280 mm	430 mm			EPDM	R20 outwards	Upwards	3,3 kg
5539118	25 l	1,5 bar	8 bar	280 mm	483 mm			EPDM	R20 outwards	Upwards	3,6 kg
5539119	35 l	1,5 bar	8 bar	365 mm	450 mm	242 mm		EPDM	R20 outwards	Upwards	4,9 kg
5539120	50 l	1,5 bar	8 bar	365 mm	582 mm	242 mm		EPDM	R20 outwards	Upwards	7,4 kg
5539121	80 l	1,5 bar	8 bar	415 mm	717 mm	286 mm		EPDM	R25 outwards	Upwards	12,6 kg
5539122	100 l	1,5 bar	8 bar	495 mm	663 mm	312 mm		EPDM	R25 outwards	Upwards	13,7 kg
5539123	150 l	1,5 bar	8 bar	550 mm	795 mm	329 mm		EPDM	R25 outwards	Upwards	18,2 kg
5539124	200 l	1,5 bar	8 bar	600 mm	1081 mm	440 mm	165 mm	EPDM	R25 outwards	Downwards	28,5 kg
5539125	300 l	1,5 bar	8 bar	650 mm	1212 mm	460 mm	160 mm	EPDM	R25 outwards	Downwards	33,3 kg
5539126	400 l	1,5 bar	8 bar	750 mm	1198 mm	525 mm	130 mm	EPDM	R32 outwards	Downwards	49,2 kg
5539328	500 l	1,5 bar	8 bar	750 mm	1438 mm	525 mm	145 mm	EPDM	R32 outwards	Downwards	59,6 kg
5539329	600 l	1,5 bar	8 bar	750 mm	1634 mm	525 mm	170 mm	EPDM	R32 outwards	Downwards	91,2 kg



CE approved according to PED 2014/68/EU.

Chemical and physical properties of different rubber types

The table below gives only a rough indication of the chemical and physical properties of different rubber types. Many factors affect the life of the rubber, such as working temperature, working conditions and rubber compound.

Material of construction	Chemical properties				Physical properties		Operating temperature	
	Weather and ozone	Hot water, water vapor, weak acids, alkalis	Strong and oxidizing acids	Gasoline and oils	Abrasion resistance	Breaking point Kp/cm ²	Maximum °C (dry)	Lowest °C
Nitrile/NBR	Less good	Good	Less good	Good	Good	100-250	140 °C	-60 °C
EPDM	Excellent	Excellent	Good	Poor	Good	70-180	150 °C	-50 °C
Fluorine/VITON	Excellent	Excellent	Good	Excellent	Good	150-200	240 °C	-45 °C
Silicone/SI	Excellent	Less good	Poor	Less good	Poor	40-100	275 °C	-100 °C
Butyl/IIR	Good	Excellent	Good	Poor	Less good	100-180	140 °C	-50 °C
Chloroprene/CR	Good	Excellent	Less good	Less good	Good	100-250	140 °C	-50 °C
Urethane/AU	Excellent	Poor	Poor	Good	Excellent	300-500	120 °C	-60 °C
Natural/NR SBR IR	Less good	Excellent	Less good	Poor	Good	150-300	100 °C	-70 °C
Hypalon/CSM	Excellent	Good	Good	Less good	Good	100-200	160 °C	-55 °C
Polysulfide/T	Excellent	Less good	Poor	Excellent	Poor	40-100	70 °C	-40 °C

Safety valves

Art no		
5075092	Safety valve 1895-S PN10	G1/2"x15mm 1,5bar/-10°C-+120°C
5075093	Safety valve 1895-S PN10	G1/2"x15mm 2,0bar/-10°C-+120°C
5075094	Safety valve 1895-S PN10	G1/2"x15mm 2,5bar/-10°C-+120°C
5075095	Safety valve 1895-S PN10	G3/4"x22mm 1,5bar/-10°C-+120°C
5075096	Safety valve 1895-S PN10	G3/4"x22mm 2,5bar/-10°C-+120°C
5075097	Safety valve 1895-S PN10	G3/4"xG3/4" 1,5bar/-10°C-+120°C
5075098	Safety valve 1895-S PN10	G3/4"xG3/4" 2,0bar/-10°C-+120°C
5075099	Safety valve 1895-S PN10	G3/4"xG3/4" 2,5bar/-10°C-+120°C
5075100	Safety valve 1895-S PN10	G3/4"xG3/4" 3,0bar/-10°C-+120°C
5075101	Safety valve 1895-S PN10	G1"xG1 1/4" 1,5bar-10°C-+120°C
5075102	Safety valve 1895-S PN10	G1"xG1 1/4" 2,0bar-10°C-+120°C
5075103	Safety valve 1895-S PN10	G1"xG1 1/4" 2,5bar-10°C-+120°C
5075104	Safety valve 1895-S PN10	G1"xG1 1/4" 3,0bar-10°C-+120°C
5075105	Safety valve 1895-S PN10	G1"xG1 1/4" 3,5bar-10°C-+120°C
5075106	Safety valve 1895-S PN10	G1"xG1 1/4" 4,0bar-10°C-+120°C
5075107	Safety valve 1895-S PN10	G1"xG1 1/4" 5,0bar-10°C-+120°C
5029002	Safety-kit AVI 1896-S PN10	G20x22mm 1,5bar/-10°C-+120°C
5029003	Safety-kit AVI 1896-S PN10	G20x22mm 2,0bar/-10°C-+120°C
5029004	Safety-kit AVI 1896-S PN10	G20x22mm 2,5bar/-10°C-+120°C
5029005	Safety-kit AVI 1896-S PN10	G20xG20 1,5bar/-10°C-+120°C
5029006	Safety-kit AVI 1897-S PN10	G20xG20 1,5bar/-10°C-+120°C
5029007	Safety-kit AVI 1897-S PN10	G20xG20 2,5bar/-10°C-+120°C
5029008	Manifold G20xG20	PN10/-10°C-+120°C
5029009	Manifold G25xG25	PN10/-10°C-+120°C
5029010	Quick coupling G20xR20	PN10/-10°C-+120°C
5029011	Pressure gauge set G10	0-6bar
5075108	Safety valve 1890-S PN10	6bar/-10°C-+120°C
5075109	Safety valve 1890-S PN10	9bar/-10°C-+120°C
5075110	Safety valve 1890-S PN10	10bar/-10°C-+120°C

