



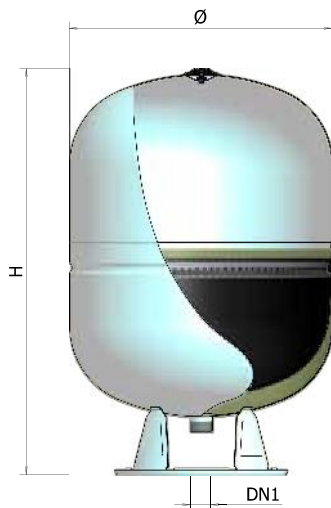
AC-2 / D-CE

MULTI-FUNCTIONAL SANITARY TANKS WITH FIXED BLADDER

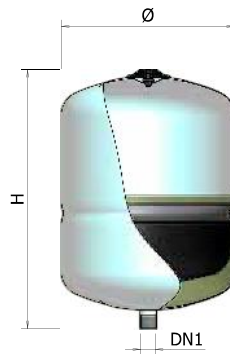
(2 - 500 LITRES)



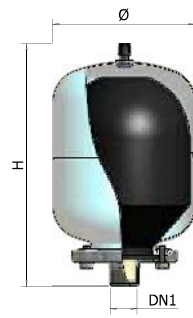
DV 50-500



D5 - 35



AC - 2



CE certified product



For drinking water



For sanitary hot water



For heating systems



For air conditioning systems



For pressurisation systems



Water hammer arrestor



Top-Pro® internal protection (NO AC-2)

Characteristics:

- Min./max. working temperature: -10° / +99°C
- Equipped with a fixed alimentary bladder in butyl (**model AC-2 with replaceable bladder**) that ensures permanent separation of the air cushion from the water;
- Internal protection of the water connection in Nylon 66;
- Long lasting epoxy powder paint, white;

Reference standard:

- Declaration in compliance with the essential safety requirements of Directive 97/23/CE (PED). (The 2 and 5 litre models are without CE marking).

Fixed bladder multifunctional tanks

Multifunctional sanitary vessels with fixed bladder are designed to be fitted both into sanitary systems as expansion tanks, suitable to absorb the water expansion volume generated by a changing temperature, as well as pressure tanks for cold water sanitary systems.

Both applications are possible thanks to the exclusive Top-Pro® anti-corrosion treatment which ensures the protection against corrosion of the inner surface of the tank and the fitness of all parts in contact with water.

Installing a D series sanitary vessel considerably cuts down operating costs, while suppressing the discharge function of the safety valve.

In your Domestic Hot Water system install Elbi D-DV expansion tanks in the cold water supply pipe; do not install Elbi D-DV expansion tanks in the hot water draw-off pipe.

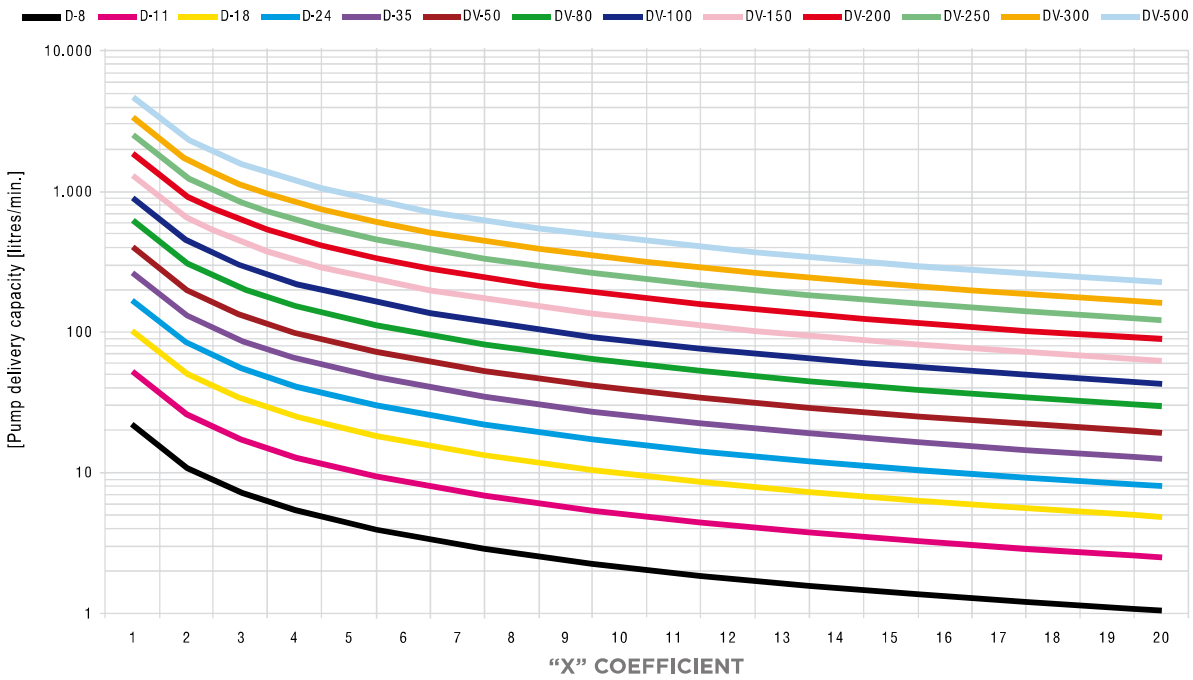
WARRANTY: 3 YEARS

DIMENSIONS

MODEL	CODE		Ppre	Pmax				DN1		NOTES
		LITRES	bar	bar	max	mm	mm			
AC-2 *	A012J07	2	1,5	8	+99°C	130	230	3/4"	150 x 150 x 240	
D 5 *	A202L11	5	3	10	+99°C	205	225	3/4"	210 x 210 x 250	
D 8 CE	A202L16	8	3	10	+99°C	205	300	3/4"	210 x 210 x 320	
D 11 CE	A202L19	11	3	10	+99°C	270	300	3/4"	280 x 280 x 310	
D 18 CE	A202L24	18	3	10	+99°C	270	410	3/4"	280 x 280 x 450	
D 24 CE	A202L27	24	3	10	+99°C	320	355	1"	330 x 330 x 375	
D 35 CE	A202L31	35	3	10	+99°C	400	390	1"	410 x 410 x 410	
DV 50 CE	A212L34	50	3	10	+99°C	400	585	1"	410 x 410 x 610	
DV 80 CE	A212L37	80	3	10	+99°C	400	820	1"	410 x 410 x 860	
DV 100 CE	A212L38	100	3	10	+99°C	500	775	1 1/4"	510 x 510 x 830	
DV 150 CE	A212L43	150	3	10	+99°C	500	1005	1 1/4"	510 x 510 x 1040	
DV 200 CE	A212L47	200	3	10	+99°C	600	1065	1 1/4"	610 x 610 x 1110	
DV 300 CE	A212L51	300	3	10	+99°C	650	1240	1 1/4"	660 x 660 x 1290	
DV 500 CE	A212L55	500	3	10	+99°C	775	1400	1 1/4"	785 x 785 x 1440	

* Without CE marking

Bladder accumulator selection chart



To make sizing easier, a chart has been drawn up to select the most appropriate accumulator according to both working pressure and delivery criteria. Note that the chart is based on the following hypothesis: standard precharge and 15 pump starts per hour (see p. 27 to identify the "X" coefficient).

Pump max delivery capacity [litres/min.]	Δp System working pressure								
	1,5 - 3,0			2,0 - 3,5			2,5 - 4,0		
	Number of pump starts per hour								
	15	8	5	15	8	5	15	8	5
10	D-35	DV-50	DV-50	D-35	DV-50	DV-80	D-35	DV-50	DV-80
20	DV-50	DV-80	DV-100	DV-80	DV-100	DV-150	DV-80	DV-100	DV-150
25	DV-80	DV-100	DV-150	DV-80	DV-150	DV-150	DV-100	DV-150	DV-200
40	DV-100	DV-200	DV-200	DV-150	DV-200	DV-300	DV-150	DV-200	DV-300
45	DV-150	DV-200	DV-300	DV-150	DV-200	DV-300	DV-150	DV-300	DV-300
55	DV-150	DV-300	DV-300	DV-200	DV-300	DV-500	DV-200	DV-300	DV-500
75	DV-200	DV-300	DV-500	DV-300	DV-500	DV-500	DV-300	DV-500	DV-500
95	DV-300	DV-500	DV-500	DV-300	DV-500	2XDV-300	DV-500	DV-500	2XDV-500
115	DV-300	DV-500	2XDV-300	DV-300	2XDV-300	2XDV-500	DV-500	2XDV-300	2XDV-500