



DL-CE

REPLACEABLE BLADDER MULTI-FUNCTIONAL TANKS

(750- 5000 LITRES)



DL 750 - 2000

DL 3000 - 5000



CE certified product



For drinking water



For sanitary hot water



For heating systems



For air conditioning systems



For pressurisation systems

Characteristics:

- Working temperature: -10° / +99°C.
- Water and air completely separate.
- Water completely separate from metal parts of the tank.
- Counter-flange with Top-Pro treatment (750 - 1000 litres)
- Glasslined counter-flange (2000 - 5000 litres)

The sizes of DL series bladders trace the inner volume of the tank, enabling the bladder to work without any lengthening and ensuring its almost unlimited duration.

- Pre-charging pressure: 2.5 bar.

Reference standard:

- Declaration of conformity to essential safety requirements outlined by Directive 97/23/EC (PED).

Models from 750 to 2000 litres with upper tie rod.
The 3000 and 5000 litre models have an upper flange.

The DL series replaceable bladder tanks represent an effective alternative for installation in plants with high water contents which conventionally made us use traditional tanks without any bladders or install series of smaller tanks.

Installation of DL tanks allows therefore considerable cost savings for installation and maintenance.

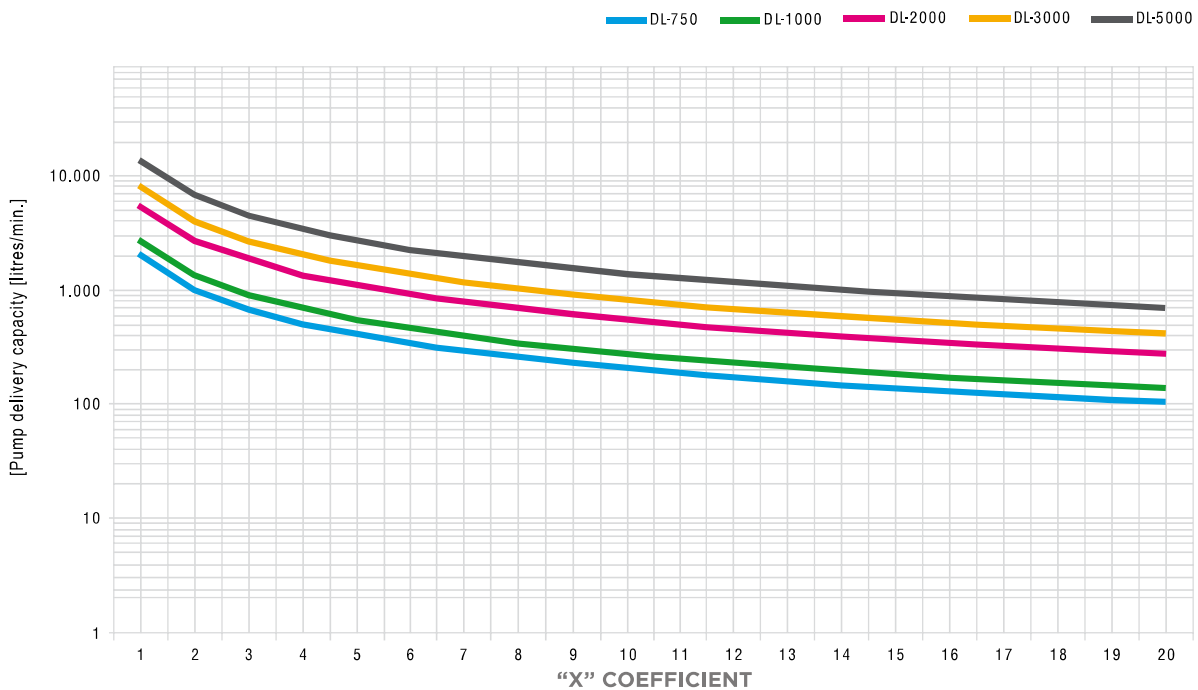
The DL series is equipped with an exclusively designed bladder which work without mechanical stress even in high pressure conditions or an air cushion leak, thus ensuring an almost unlimited bladder life.

WARRANTY: 2 YEARS

DIMENSIONS

MODEL	CODE		P_{pre}	P_{max}				DN1	NOTES
		LITRES	bar	bar	max	mm	mm		
DL 750/10 CE	A282L59	750	2,5	10	+99°C	800	1920	G 2"	
DL 1000/10 CE	A282L62	1000	2,5	10	+99°C	800	2370	G 2"	
DL 2000/10 CE	A282L70	2000	2,5	10	+99°C	1100	2690	G 3"	
DL 3000/10 CE	A282L74	3000	2,5	10	+99°C	1250	3100	G 3"	
DL 5000/10 CE	A282L80	5000	2,5	10	+99°C	1550	3315	G 3"	
DL 750/16 CE	A282R59	750	2,5	16	+99°C	800	1920	G 2"	
DL 1000/16 CE	A282R62	1000	2,5	16	+99°C	800	2370	G 2"	
DL 2000/16 CE	A282R70	2000	2,5	16	+99°C	1100	2690	G 3"	
DL 3000/16 CE	A282R74	3000	2,5	16	+99°C	1250	3100	G 3"	

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			2,5 - 4,0		
	Number of pump starts per hour											
	15	8	5	15	8	5	15	8	5	15	8	5
75	200	300	500	250	500	750	300	750	1000	250	500	750
95	200	500	750	300	750	1000	500	1000	2x750	300	500	1000
115	250	500	750	500	750	1000	500	1000	2x750	300	750	1000
150	300	750	1000	500	1000	2x750	750	2x750	2000	500	1000	2x750
200	500	1000	2x750	750	2x750	2000	1000	2000	3000	750	2x750	2000
300	750	2x750	2000	1000	2000	3000	2x750	3000	2x2000	1000	2x750	3000
500	2x750	2000	3000	2000	3000	5000	3000	5000	5000+3000	2x750	3000	2x2000
800	2000	3000	5000	3000	5000	4x2000	2x2000	5000+3000	2x5000	2000	2x2000	5000+2000
1000	2000	2000	2x3000	2x2000	2x3000	2x5000	5000	2x5000	3x5000	3000	5000	5000+3000