



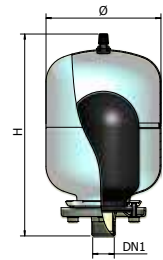
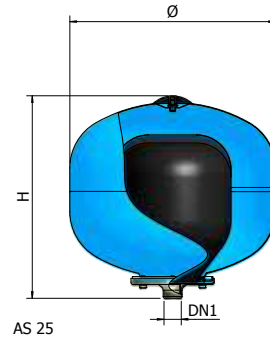
# AS/AC-CE

## REPLACEABLE BLADDER AUTOCLAVES FOR SANITARY WATER

(2 -25 LITRES)

AS 25

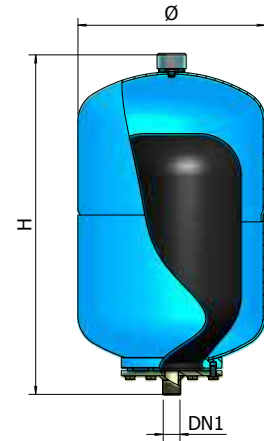
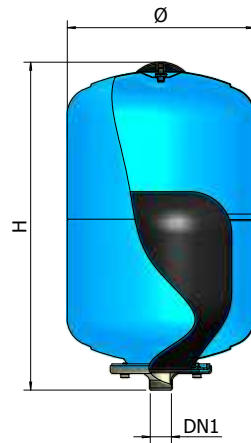
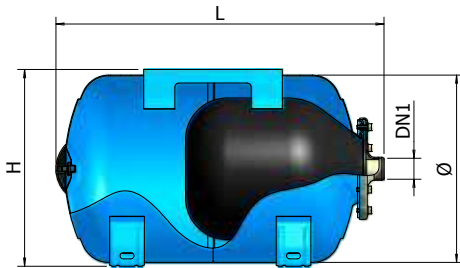
AC-2



AC 25 GPM

AC 5-25; AFV 24

AC 20 PN25



CE certified product



For drinking water



For pressurisation systems

The AS-AC series replacement bladder tanks are a valid solution for small household installations, garden irrigation systems and all other applications where small capacities are required.

All the models are supplied as standard with a bladder in EPDM; this means they can also be used as sanitary expansion tanks up to a maximum design temperature of +99°C.

The AS-25 model combines practicality and financial benefits, and is suitable for direct installation on the pump.

The AC GPM-25 model has been designed to implement small, compact type pressurization units. CE certified.

### Characteristics:

• Working temperature: -10° / +99°C (Mod. AC20 PN25: -10° / + 50°C)

• Blue epoxy powder paint. (Model AC-2: white)

• Replaceable bladder in EPDM rubber (Model AC-2: replaceable bladder in butyl)

• Water and air completely separate.

• No contact between water and tank inner surface.

• Replaceable alimentary non-toxic bladder with elastic characteristics to enable total expansion inside the tank to ensure the best performance and longer product life cycle.

### Reference standard:

• Declaration of conformity to essential safety requirements specified in 2014/68/UE Directive. (The 2 and 5 litre models are exempt from CE marking).

**WARRANTY: 2 YEARS**

## DIMENSIONS

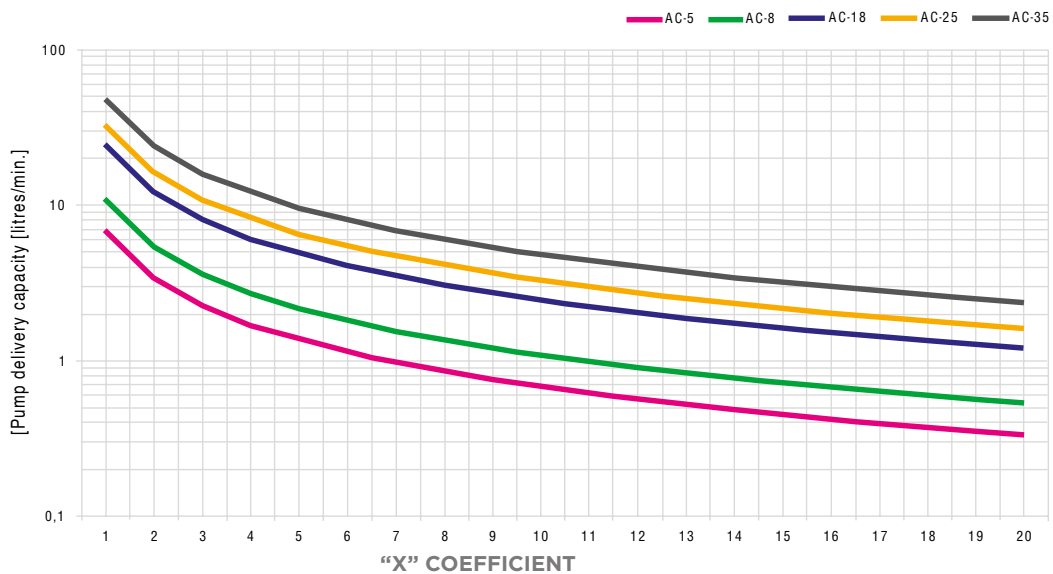
MODEL	CODE	Ppre Pmax			DN1			mm	NOTES	
		LITRES	bar	bar	max	mm	mm			mm
AC-2 *	A012J07	2	2,5	8	+99°C	130	230	-	3/4"	150 x 150 x 240
AC 5 *	A012J11	5	2,5	8	+99°C	205	240	-	3/4"	210 x 210 x 250
AC 8 CE	A012J16	8	2,5	8	+99°C	205	315	-	3/4"	210 x 210 x 320
AC 18 CE	A012J24	18	2,5	8	+99°C	270	430	-	1"	280 x 280 x 450
AC 25 CE	A012J27	24	2,5	8	+99°C	270	480	-	1"	280 x 280 x 470
AC 25 GPM CE	A022J27	24	2,5	8	+99°C	270	290	480	1"	280 x 300 x 470
AS 25 CE	A002J27	24	2,5	8	+99°C	360	365	-	1"	360 x 360 x 380
AC 20 PN25 CE	A012T25	20	5	25	+50°C	270	495	-	3/4"	280 x 280 x 500
AFV 24/16 CE	A032R27	24	2,5	16	+99°C	270	480	-	1"	280 x 280 x 470

\* Exempt from CE marking

## STAINLESS STEEL COUNTER-FLANGE VERSION

MODEL	CODE	Ppre Pmax			DN1			mm	NOTES	
		LITRES	bar	bar	max	mm	mm			mm
AC-18X	A012J24 WR000	18	2,5	8	+99°C	270	430	-	1"	280 x 280 x 450
AC-25X	A012J27 WR000	24	2,5	8	+99°C	270	480	-	1"	280 x 280 x 470
AC-25X GPM	A022J27 WR000	24	2,5	8	+99°C	270	290	480	1"	280 x 300 x 470
AS-25X	A002J27 WR000	24	2,5	8	+99°C	360	365	-	1"	360 x 360 x 380
AC-20X	A012T25 WR000	20	5	25	+50°C	270	495	-	3/4"	280 x 280 x 500
AFV-24X	A032R27 WR000	24	2,5	16	+99°C	270	480	-	1"	280 x 280 x 470

## Bladder accumulator selection chart



To make sizing easier, a chart has been drawn up to select the most appropriate accumulator according to both the 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).

Maximum delivery capacity of the pump [litres/min.]	$\Delta p$ 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
2	5	8	18	8	18	24	8	18	35	5	8	18
8	18	35	50	24	50	80	80	35	100	24	50	80
10	24	50	60	35	60	100	100	50	150	35	50	100