

ASME SHOCK AND SURGE ABSORBER FOR SEWAGE

– Replaceable bladder

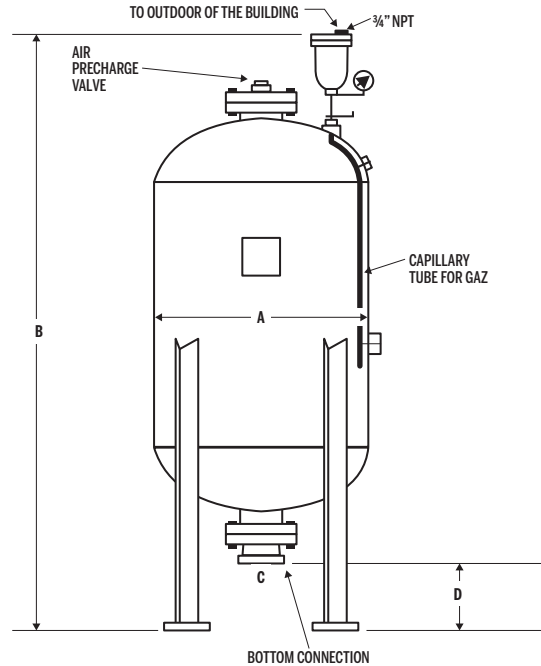
These shock absorbers are designed to limit excessive pressure variations caused by pumps shut-offs or valves closings. Designed in accordance with Section VIII of the ASME Boiler and Pressure Vessel Code, these vessels come with a heavy-duty bladder, pressure gauge and a gas purger. It will eliminate any possible damage and destructive force that can cause wave shocks when the rate of flow changes abruptly.

This water hammer may occur in a closed conduit flowing full when there is either a retardation or acceleration of the flow, such as with the change in opening of a valve in the line. For selection and sizing, contact our office or your local Calefactio representative.

CONSTRUCTION

- Stamped in accordance with the ASME Code for pressure vessels used to 150 psi (1 034 kPa)
- Heavy duty bladder
- Gas vent and pressure gauge
- Red oxide primer finish

Please consult factory for other sizes and/or models



Model	Total volume		Dimensions								Approx. weight	
			A		B		C		D			
	gal	L	in	mm	in	mm	in	mm	in	mm	lb	kg
ABM-160	43	163	24	610	60	1524	6	152	12	305	250	114
ABM-250	66	250	24	610	72	1829	6	152	12	305	300	136
ABM-400	106	401	24	610	98	2489	8	203	16	406	365	166
ABM-600	158	598	30	760	96	2438	8	203	16	406	590	268
ABM-1000	264	999	914	101	2565	2565	10	254	24	610	900	409
ABM-1600	423	1601	1220	105	2667	2667	12	305	30	760	1610	731
ABM-2000	528	1999	1220	119	3023	3023	12	305	30	760	1810	823

QUANTITY: _____ MODEL: ABM- _____ PRE-PRESSURIZED TO _____ psig / _____ kPa (Max 40 psi/413.7 kPa)

Notes: _____
 Project: _____ Representative: _____
 Location: _____ Date submitted: _____
 Engineer: _____ Approved by: _____
 Contractor: _____ Date of approval: _____

TYPICAL SPECIFICATIONS: Furnish and install, as shown on the plans, Calefactio Model ABM- _____ ASME air precharged thermal expansion tank, with a heavy duty replaceable bladder. The tank shall have a bottom NPT stainless steel system connection and a .302\"-32 charging valve (standard tire valve) to facilitate the on-site charging of the tank to meet system requirements. The tank shall be fitted with lifting rings and a floor mounting skirt or legs for vertical installation. The tank must be constructed in accordance with Section VIII of the ASME Boiler and Pressure Vessel Code and stamped 150 psi working pressure.