

Bladder Tank - Vertical MTB-V

(replaces datasheets 1017/8;10;12)

SKUM

Datasheet 1017/21

Page 1 of 2

General description

The Skum bladder tank foam proportioning system is used to induce foam concentrates into water systems with variable flows and/or pressure. The bladder tank has no moving parts and requires the minimum of maintenance.

The system is ideal for upgrading a water sprinkler system to a foam / water sprinkler system. Constant proportioning, irrespective of flow is achieved by a pressure balance between the foam liquid in the bladder and the water in the system flowing over the proportioner.

Product features

- Tank manufacture to PED (CE marked) or ASME VIII
- Range of volume options: up to 7,000 litres
- Can be used with both standard and wide-range Skum proportioning equipment

Connections

- Foam / water inlet: flanged according to DIN PN16 or ANSI 150lbs

Options

- Valve and level gauge
- Inlet/outlet valve material options
- Tank level indicator
- Fully pre-piped solution, complete with proportioners, upon request

Listings or approvals

- Factory Mutual approval for ASME models

Order information - please specify:

1. Tank size
2. Design standard



www.skum.com

tyco / Fire Suppression
& Building Products

Technical changes reserved without notice Copyright © 2007 Tyco Safety Products

Datasheet Ref. SKM0013 DSA1

Bladder Tank - Vertical

MTB-V

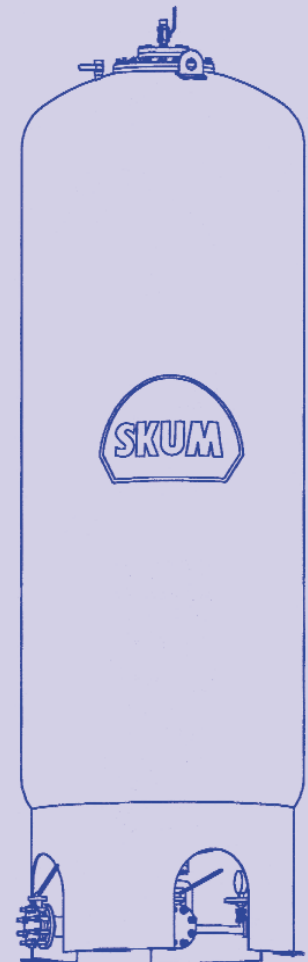
(replaces datasheets 1017/8;10;12)



Technical Data

MTB-V

Design pressure:	12,1 bar / 175 psi	
Design standard:	ASME section VIII PED	
Approvals: (Optional)	Det Norske Veritas; American Bureau of Shipping; Lloyd's Register Factory Mutual (for ASME tanks only)	
Scope of supply:	Standard	Water / foam inlet and vent plugged. Stainless steel valves at foam filling connection drain and vent
	Optional	Brass or stainless steel valves at water/foam inlet Level indicator Water actuated foam valve (WAFV)
Material:	Pressure vessel	Fully pre-piped c/w Skum proportioner Carbon steel
	Bladder	Butyl rubber
	Internals	Stainless steel
Surface treatment:	Outside - primer and red epoxy	



Volume litres	Diameter mm	PED		ASME		Connection	
		Height (mm)	Weight (kg)	Height (mm)	Weight (kg)		
400	800	1570	275	1530	360	50 DIN PN 16 or 2" ANSI 150 lbs	
600	800	2070	330	2030	450		
800	800	2420	370	2380	500		
1000	1100	1930	450	1910	600		
1200	1100	2130	500	2110	650		
1500	1100	2430	550	2410	700		
2000	1100	3030	650	3010	820		
2500	1400	2550	950	2520	1350		80 DIN PN 16 or 3" ANSI 150 lbs
3000	1400	2900	1050	2870	1500		
3500	1400	3200	1150	3170	1600		
4000	1400	3600	1250	3570	1800		
4500	1400	3900	1350	3870	1900		
5000	1400	4200	1450	4170	2000		
5500	1400	4600	1550	4570	2200		
6000	1400	4900	1650	4870	2300		
6500	1400	5400	1800	5370	2500		
7000	1850	3630	2100	3600	3000		

1 bar = 0,1 MPa = 14,5 psi

