ATMOSPHERIC TANK

Fibreglass-reinforced plastic (PRFV)
For foam concentrate
Horizontal & Vertical



PRODUCT DESCRIPTION

The PRFV atmospheric tank is made of fiberglass-reinforce plastic, and it has been designed to storage foam concentrate in firefighting systems.

The high density and high quality of these tanks are compatible with AG Fire Sprinkler foam concentrates. They are typically used with proportioners and deluge valves to mix the concentrate and conduct the mixture into the foam system.

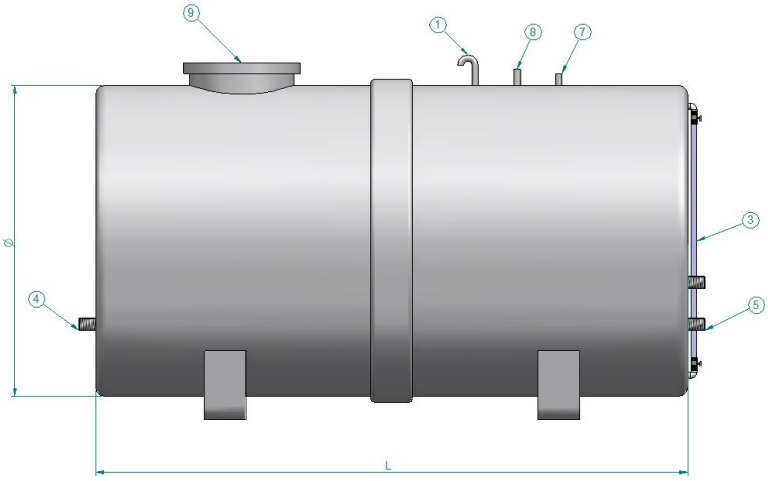
TECHNICAL DATA

Model	Fibreglass-reinforced plastic atmospheric tank for foam concentrate
Storage capacity	200 L to 30.000 L (52,83 to 7925,16 gal)
Working pressure	Atmospheric pressure
Working temperature	-30ºC to 60ºC (-22ºF to 140ºF)
Liquids density	≤ 1,4 kg/l
Finish	Soft matte grey

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DIMENSIONS

VOLUME L (gal)	HORIZONTAL TANK		VERTICAL TANK		MANHOLE mm (inch)
	Φ mm (inch)	**H** mm (inch)	**Φ** mm (inch)	**H** mm (inch)	
200 (52,83)	-	-	600 (23,62)	1100 (43,31)	250 (9,84)
300 (79,25)	-	-	740 (29,13)	1100 (43,31)	250 (9,84)
500 (132,08)	-	-	940 (37,00)	1100 (43,31)	250 (9,84)
1000 (264,17)	-	-	1120 (44,09)	1500 (59,05)	250 (9,84)
1500 (396,26)	-	-	1300 (51,18)	1500 (59,05)	250 (9,84)
2000 (528,34)	1100 (43,31)	2150 (84,65)	1490 (58,66)	1500 (59,05)	250 (9,84)
4000 (1056,68)	1500 (59,05)	2750 (108,27)	1500 (59,05)	2750 (108,27)	500 (19,68)
5000 (1320,86)	1625 (63,97)	2500 (98,42)	1625 (63,97)	2500 (98,42)	500 (19,68)
6000 (1585,03)	1725 (67,91)	3000 (118,11)	1725 (67,91)	3000 (118,11)	500 (19,68)
8000 (2113,37)	1600 (62,99)	4269 (168,07)	1600 (62,99)	4154 (163,54)	620 (24,41)
10000 (2641,72)	1600 (62,99)	5279 (207,83)	2000 (78,74)	3357 (132,16)	620 (24,41)
20000 (5283,44)	2000 (78,74)	6715 (264,37)	2000 (78,74)	6572 (258,74)	620 (24,41)
25000 (66,04,30)	2500 (98,42)	5600 (220,47)	2500 (98,42)	5550 (218,50)	620 (24,41)
30000 (7925,16)	2500 (98,42)	6620 (260,63)	2500 (98,42)	6360 (250,39)	620 (24,41)



HORIZONTAL TANK



VERTICAL TANK

COMPONENTS

ITEM	ACCESORIES	STANDARD CONNECTION
1	Air vent	
2	Probe tube	
3	Visual level indicator	
4	Suction connection	Male thread 1” GAS
5	Drain connection	Male thread 1” GAS
6	Lifting hook	
7	Return connection	Female thread ¾” GAS
8	Fill connection	Female thread 2” GAS
9	Manhole	
Suction, drain.. valves are sold separately		
Other components available under request		

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INSTALLATION, TESTING AND MAINTENANCE

The atmospheric tank must be installed, inspected and tested by a qualified and trained person.

After few initial successful test, a trained person must inspect and test the system. It is recommended to carry out physical inspection of the system regularly. The system must be fully tested at least once in a year or in accordance with applicable NFPA codes or in accordance to the standard of the organization having local jurisdiction.

The owner is responsible for maintenance of the tank in proper operating condition.

It is advisable to leave enough space around the tank, free of walls or other obstacles, for connecting the foam system piping and supports.

ORDERING INFORMATION

CAPACITY	CODE
200 Lts	FDPP000200
300 Lts	FDPP000300
500 Lts	FDPP000500
700 Lts	FDPP000700
1.000 Lts	FDPP001000
1.500 Lts	FDPP001500
2.000 Lts	FDPP002000
3.500 Lts	FDPP003500
4.000 Lts	FDPP004000
5.000 Lts	FDPP005000
6.000 Lts	FDPP006000
7.000 Lts	FDPP007000
8.000 Lts	FDPP008000
9.000 Lts	FDPP009000
10.000 Lts	FDPP010000
20.000 Lts	FDPP020000
40.000 Lts	FDPP040000

Specify:

Model	
Tank capacity	
Material of construction	
Accessories (optional)	
Valves	They are sold separately

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AG FIRE SPRINKLER

AG Fire Sprinkler offers a wide selection of components. Then a list of products is presented by AG Fire Sprinkler, we can offer all these components, made with precision to protect people, anywhere, anytime.

- Sprinklers
  - Standard Coverage
  - Extended Coverage
  - Storage
  - Dry
  - Accessories
- System Valves
  - Wet
  - Dry
  - Preaction Equipment
  - Accessories
- Spray System Open Nozzles
  - High Velocity Nozzles
  - Medium Velocity Nozzles
  - Window Nozzles
  - Hydroshield Nozzles
  - Mushroom Type Nozzles
- Foam equipment
  - Tanks
  - Proportioners
  - Foam Discharge Equipment
  - Foam Concentrates
- Deluge equipment for Water Spray and Foam
  - Clapper Deluge Valves
  - Diaphragm Deluge Valves
- Monitors
  - Manual Monitors
  - Remote Monitors
  - Monitor Nozzles
  - Towers and Trolleys
- Valves
  - Butterfly Valves
  - Gate Valves
  - Check Valves
  - Pressure Control Valves
  - Test and Drain
  - Hose, Hydrant and Fire Connection Valves
  - Fire Department Connections

The equipment presented in this bulletin is to be installed in accordance with the latest published Standard of the National Fire Protection Association, Factory Mutual Research Corporation, or other similar organizations and also with the provisions of governmental codes or ordinances whenever applicable.
This documentation is not contractual. AG Fire Sprinkler reserves the right to any kind of change without notice.

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