



by Tyco Fire Suppression & Building Products

FM-200® SYSTEMS

Tank and Valve Assembly

The agent tank assemblies are manufactured in accordance with DOT 4BW450 or DOT4BW500 (343L tank manufactured in accordance with 4BW450 only) and consist of a tank fitted with a valve and internal siphon tube. Eight partial filled tank sizes are available. A nameplate is adhered to the tank displaying the agent weight and gross weight. Tanks are superpressurized with dry nitrogen to 360 psi (25 bar) at 70 °F (21 °C). All tanks are available in multiple fill increments.

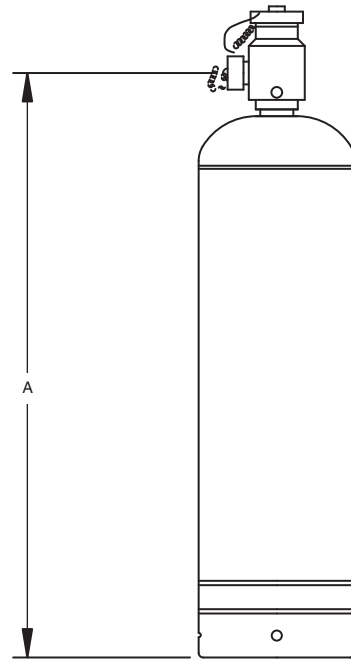
Note: Quantity of agent will have to be specified on customer P.O. when ordering factory filled tank shipping assemblies.

Also, when low pressure switch and liquid level indicator installed options are required, they must be specified when ordering.

Component	Material	Approvals
Tank	Steel	DOT4BW450, DOT4BW500, TC4BWM31 (min.)
Valve	Brass	
Valve/Tank Assembly		UL Listed ULC Listed FM Approved

Specifications

- Maximum Fill Density 1 kg/L
- Minimum Fill Density 0.5 kg/L
- Temperature Rating 32 °F (0 °C) to
130 °F (54.4 °C)



006133PC

Valve Size	Part No. (Cyl. & Valve) UL/ULC	Volume Nominal	Dimension A Nominal	Diameter	Empty Weight	Tank Capacity	Equivalent Length
1 in.	570003 / 570320	8 L	12.0 in. (304 mm)	10 in. (254 mm)	32.6 lb (14.8 kg)	9-17 lb (4-8 kg)	20 ft (6.096 m)
1 in.	570004 / 570321	16 L	19.8 in. (502 mm)	10 in. (254 mm)	40.6 lb (18.4 kg)	18-35 lb (8-16 kg)	20 ft (6.096 m)
1 in.	570005 / 570322	32 L	32.8 in. (833 mm)	10 in. (254 mm)	57.5 lb (26.1 kg)	36-70 lb (16-32 kg)	20 ft (6.096 m)
2 in.	570006 / 570323	52 L	23.5 in. (597 mm)	16 in. (406 mm)	108.3 lb (49.1 kg)	58-114 lb (26-52 kg)	35 ft (10.668 m)
2 in.	570007 / 570324	106 L	40.2 in. (1021 mm)	16 in. (406 mm)	158.3 lb (71.8 kg)	117-233 lb (53-106 kg)	35 ft (10.668 m)
2 in.	570008 / 570325	147 L	53.3 in. (1354 mm)	16 in. (406 mm)	198.2 lb (89.9 kg)	163-324 lb (73.5-147 kg)	35 ft (10.668 m)
2 in.	570009 / 570326	180 L	64.3 in. (1633 mm)	16 in. (406 mm)	233.2 lb (105.8 kg)	199-396 lb (90-180 kg)	35 ft (10.668 m)
3 in.	570346 / 570370	343 L	57.7 in. (1466 mm)	24 in. (610 mm)	456 lb (207 kg)	379-756 lb (171.5-343 kg)	85 ft (25.91 m)