



Product Data Sheet: 13980 Amerex Dry Chemical Cylinders



Fire Suppression for Mining and Off Road Vehicle Applications

FEATURES:

- Stored pressure design for reliability in harsh environments
- Wide temperature ranges from -65F to 150F (-54C to 66C)
- 12 different cylinder configurations for ease of Installation
- Available with a pressure switch to allow for remote monitoring
- 4BW 350 DOT cylinders
- Operated electrically, pneumatically or a combination of both
- FM approved

BENEFITS:

- Provides rapid flame and fire knockdown capabilities mitigating the fire damage
- Turbulence of the dry chemical aids in circulating the dry chemical around obstructions
- Can be used as part of a dual release dry chemical and Amerex ICE wet chemical system
- Stored pressure design allows for 6 year intervals between dry chemical inspection and service

PRODUCT DESCRIPTION:

Amerex Dry Chemical Systems are FM approved, pre-engineered fire suppression systems designed specifically for protection of Mining and Off Road equipment. Because “One size does not fit all” we have developed an Industry Best family of Fire suppression cylinders to meet the specific need. The Amerex cylinder line ranges from 13lbs to 250lbs all utilizing the industry best Stored Pressure design for maximum flow rates and reliability in the field. The Dry Chemical line includes 7 different cylinder sizes (13lb, 25lb, 30lb, 50lb, 75lb, 150lb, 250lb) and 12 cylinder configurations (13 vertical, 25 vertical, 25 horizontal, 30 vertical, 30 horizontal, 50 tall, 50 short, 50 short weld ring base, 75 Vertical, 75 weld ring base, 150 vertical, 250 Vertical). The Dry Chemical agent is discharged into hazard areas via a distribution network consisting of flexible hydraulic hose and discharge nozzles.

Vertical Agent Cylinders

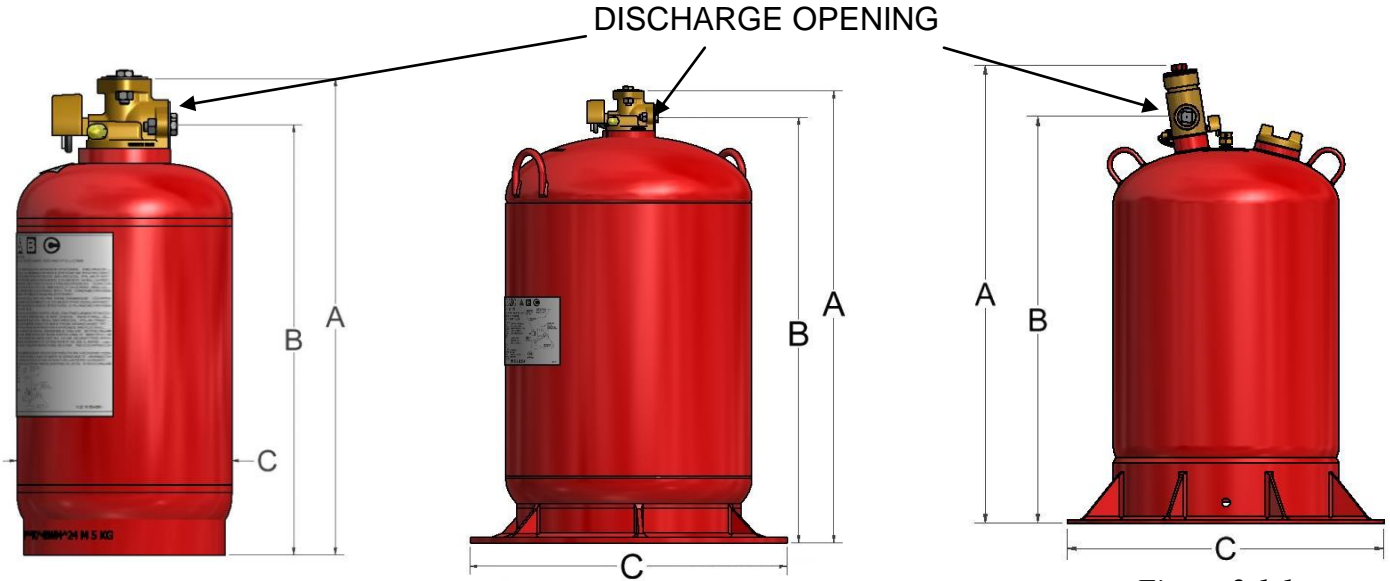


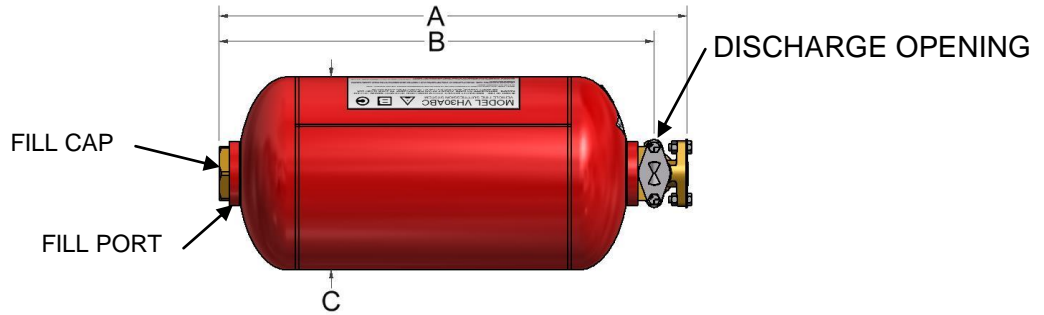
Figure 2.1.1.a

Figure 2.1.1.b

Figure 2.1.1.c

Agent Cylinder	Figure	Overall Height (A) in (mm)	Height to Discharge Opening (B) in (mm)	Diameter (C) in (mm)	Agent Capacity lb (kg)
V13	2.1.1.a	15.5 (394)	14.0 (356)	7.0 (178)	13 (5.9)
V25	2.1.1.a	17.6 (447)	16.0 (406)	9.0 (229)	25 (11.3)
V30	2.1.1.a	21.3 (541)	19.8 (502)	9.0 (229)	32 (14.5)
V50	2.1.1.a	31.3 (795)	30.0 (762)	9.0 (229)	50 (22.7)
VS50	2.1.1.a	16.3 (414)	14.8 (376)	14.0 (356)	50 (22.7)
VSR50	2.1.1.b	16.3 (414)	14.8 (376)	18.0 (457)	50 (22.7)
VS75	2.1.1.a	25.8 (655)	24.2 (615)	14.0 (356)	75 (34)
VSR75	2.1.1.b	25.8 (655)	24.2 (615)	18.0 (457)	75 (34)
V150	2.1.1.c	31.0 (787)	26.6 (676)	28.0 (711)	150 (68)
V250	2.1.1.c	40.4 (1026)	36.0 (914)	28.0 (711)	250 (113.4)

Horizontal Cylinders



Agent Cylinder	Overall Length (A) in (mm)	Distance to Discharge Opening (B) in (mm)	Diameter (C) in (mm)	Agent Capacity lb (kg)
VH25	18.1 (460)	16.0 (406)	9.0 (229)	25 (11.3)
VH30	21.8 (554)	20.3 (516)	9.0 (229)	32 (14.5)