

SEVO 1230 Clean Agent Cylinders

140057, 140069, 140079, 140107, 14817, 14813

Utilizing 3M™ Novec™ 1230 Fire Protection Fluid

Description

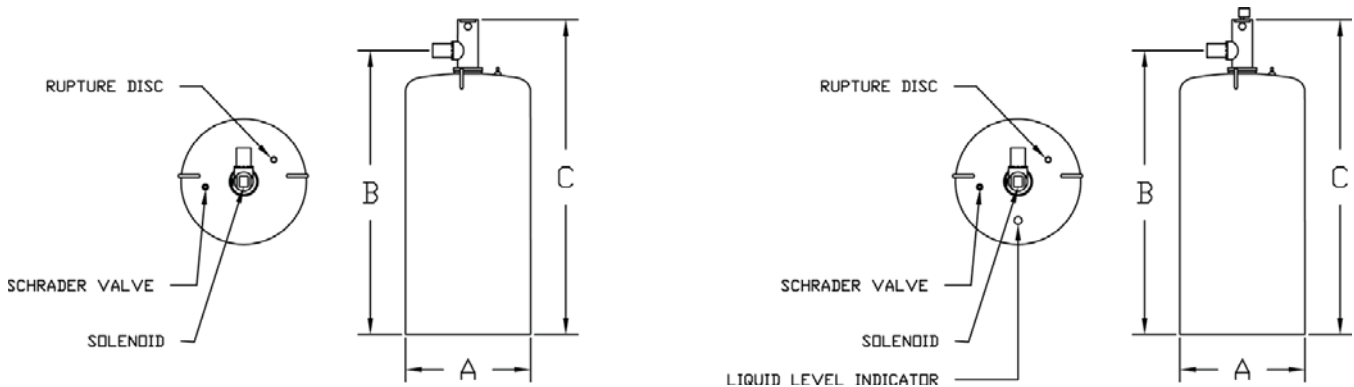
The agent storage cylinder is a steel pressure vessel manufactured, tested and stamped in accordance with DOT 4BW500 or DOT 4BA500, TC (Transport Canada).

The agent storage cylinder is designed to hold the clean agent at a normal operating pressure of 500 psi (34.5 bar) (35.2 kg/cm²) or 360 psi (25 bar) at 70°F (21.1°C).

The agent storage cylinders are suitable use at temperatures of 0°F (-17.8°C) to 130°F (54.4°C).

A rupture disc is connected to the cylinder body to serve as a pressure relief device to protect the cylinder against excessive internal pressure. The disc rupture point is in the range of 864 psi (59.5 bar) to 950 psi (65.5 bar) at 70°F (21.1°C).

The agent storage cylinders are available in sizes of 40 lb. (15 L), 76 lb. (29 L), 164 lb. (62 L), 322 lb. (122 L), 601 lb. (227 L), and 910 lb. (368 L) . Figure 2.1 shows the cylinder configurations, dimensions, fill ranges and other pertinent data.



Part No.		CV 140069	CV 140079	CV 14817	CV 140057	CV 14183	CV 140107
Cylinder Size	lbs	40	76	164	322	601	910
Volume	ft ³	0.53	1.02	2.19	4.3	8.02	13.0
	L	15	29	62	122	227	368
Diptube Diameter	in.	1 1/4	1 1/4	1 1/4	2	2 1/2	2 1/2
	mm	35 1/9	35 1/9	35 1/9	52 1/2	62 5/7	62 5/7
Valve Outlet	in.	1.0	1.0	1.25	2.5	2.5	3.0
	mm	25.4	25.4	31.75	63.5	63.5	76.2
Allowable Fill	lbs	16 - 40	31 - 76	66 - 164	129 - 322	241 - 601	390 - 910
	kg	7 - 18	14 - 34.5	30 - 74.5	58.5 - 146	109 - 272.5	177 - 442
Weight	lbs	38	52	98	220	320	448
	kg	17.2	23.6	44.5	99.8	145.1	203.2
A	in.	10 1/6	10 1/6	12 7/8	20	20	24 1/2
	mm	255.59	255.59	327	508	508	622.3
B	in	17 1/4	28 1/2	37 1/2	33 1/2	54 1/4	60 7/8
	mm	438.15	28 1/2	37 1/2	33 1/2	54 1/4	60 7/8
C	in	21 3/8	32 3/4	42 1/4	39 3/4	61	67 3/4
	mm	543	831.9	1073.2	1010	1457.33	1720.9
Optional Liquid Level Indicator		N	N	N	Y	Y	Y

FOR USE BY ARCHITECTS AND ENGINEERS