

Description

Each of the basic sizes can be filled with one pound increments to meet the exact amount of HFC-227ea Clean Agent required, within their fill ranges. There are two types of cylinders that are used in the Pre-Engineered Clean Agent System. The CP-3* through the CP-18* are manufactured, tested and stamped in accordance with UL 299. The CP-35* through the CP-520* are manufactured, tested and stamped in accordance with DOT 4BW500 or DOT 4B500.

Model:

CP-3* through the CP-18*

CP-35* through the CP-520*

System Operating Pressure:

240 psi (16.9 kg/cm²) at 70°F (21.1°C)

360 psi (25.3 kg/cm²) at 70°F (21.1°C)

Temperature Range:

32°F (0°C) to 130°F (54.4°C)

32°F (0°C) to 130°F (54.4°C)

All cylinders are equipped with a brass, high flow, pressure differential type valve. The 3 lb. through the 18 lb. cylinders have a 1/2" female NPT outlet. The 35 lb. and 70 lb. cylinders have a 1" female NPT outlet. The 140 lb. and 240 lb. cylinders have a 1-1/2" female NPT outlet. The 360 lb. and 520 lb. cylinders have a 2-1/2" male NPT outlet. The valves are pressure operated that utilizes the pressure from the cylinder to activate the valve and allows the Clean Agent to discharge. The cylinders have the following electric solenoid available as an option:

- 12 VDC solenoid
- 24 VDC solenoid
- 120 VAC solenoid with local manual control



Base Model	Features	Cylinder Size	Max Fill at 70 lb/ft ³	Min Fill at 30 lb/ft ³	Valve Size	Cylinder Diameter	Height to Discharge Outlet	Total Height with Electric Control	Total Height with LMC Head
CP 3*	Basic Unit	3 LB	3 LB	1 LB	1/2"	3.00	14.805	21.097	N/A
CP 3L*	Local Manual					3.00		N/A	21.105
CP 6*	Basic Unit	6 LB	6 LB	3 LB	1/2"	4.170	16.535	22.827	N/A
CP 6L*	Local Manual					4.170		N/A	22.835
CP 12*	Basic Unit	12 LB	12 LB	6 LB	1/2"	4.992	19.445	25.737	N/A
CP 12L*	Local Manual					4.992		N/A	25.745
CP 18*	Basic Unit	18 LB	18 LB	12 LB	1/2"	7.092	22.00	28.22	N/A
CP 18L*	Local Manual					7.092		N/A	28.30
CP 35*	Basic Unit	35 LB	35 LB	16 LB	1"	10.00	16.29	21.922	N/A
CP 35L*	Local Manual					10.00		N/A	21.93
CP 70*	Basic Unit	70 LB	70 LB	31 LB	1"	10.00	28.17	33.802	N/A
CP 70L*	Local Manual					10.00		N/A	33.81
CP 140**	Basic Unit	140 LB	140 LB	66 LB	1-1/2"	12.75	38.03	43.119	N/A
CP 140L*	Local Manual					12.75		N/A	46.07
CP 240**	Basic Unit	240 LB	240 LB	109 LB	1-1/2"	16.00	39.33	44.419	N/A
CP 240L*	Local Manual					16.00		N/A	47.37
CP 360**	Basic Unit	360 LB	360 LB	163 LB	2-1/2"	16.00	55.32	62.479	N/A
CP 360L*	Local Manual					16.00		N/A	65.43
CP 520**	Basic Unit	520 LB	520 LB	241 LB	2-1/2"	20.00	55.95	61.109	N/A
CP 520L*	Local Manual					20.00		N/A	64.06

* use with electric solenoid

** use with electric solenoid or piston actuator



HFC-227ea Clean Agent Fire Suppression System

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All specifications and information indicated above are subjected to change without prior notice. Catalog # 9709/CP Ref: CP-90225-D FEB/12