



Twin Agent Units

Chemguard engineered and manufactured Twin Agent Systems combine the most advanced concepts of dry chemical and AFFF agents. These self-contained systems utilize nitrogen to charge and expel a combination of dry chemical in one vessel (to extinguish the fire) and the premix foam solution in the other (to blanket the flame-free surface) through the twin hose assembly. Very effective against 3-dimensional and pressurized fuel fires and spills as well as the securing, cooling and sealing ability of AFFF. Most systems are designed with either one or two hose reels for manual fire fighting and can be fabricated with a twin agent monitor for use in extinguishing larger hazard fires. Our systems can be easily activated automatically or individually with a simple lever or single hand wheel, to control the flow with a handline nozzle. Depending on unit size, handline flow rates vary from 5 to 8 lbs. per second for the dry chemical and 30 to 60 gpm for the premix AFFF solution. All components are mounted on a full skid assembly or can be trailer mounted for mobile use.

FEATURES

- Six standard size models available
- One-man operation
- Skid-mounted on a structural steel skid
- Completely self-contained (no outside power source or water supply required)
- Both dry chemical and AFFF nozzles are equipped with ball shut off for individual or simultaneous operation
- Depending on size, the unit will be supplied with either one or two hose reels
- ASME Coded pressure vessels
- 200 psi working pressure

- 250-psi design pressure
- 2,400 psi 300 cu. ft. nitrogen cylinders
- 100 ft. of 1" I.D. hose on the reel for each agent.

OPTIONS

- Remote hose reel(s)
- Vinyl weather cover
- Corrosion resistant package
- Turret nozzle
- Custom sizes available upon request

CONTAINER CAPACITIES

Dry Chemical & AFFF containers – actual agent capacity in lbs. / gallons.

Capacities of AFFF containers are as shown in Model No. 50, 100, 150 and 250 gallon

Dry Chemical capacities are as follows:

	Container Size		
POWDER	500	1000	1500
PK	500	1050	1400
BC	600	1200	1550

PK – Potassium Bicarbonate Dry Chemical
BC – Sodium Bicarbonate Dry Chemical

CHEM GUARD
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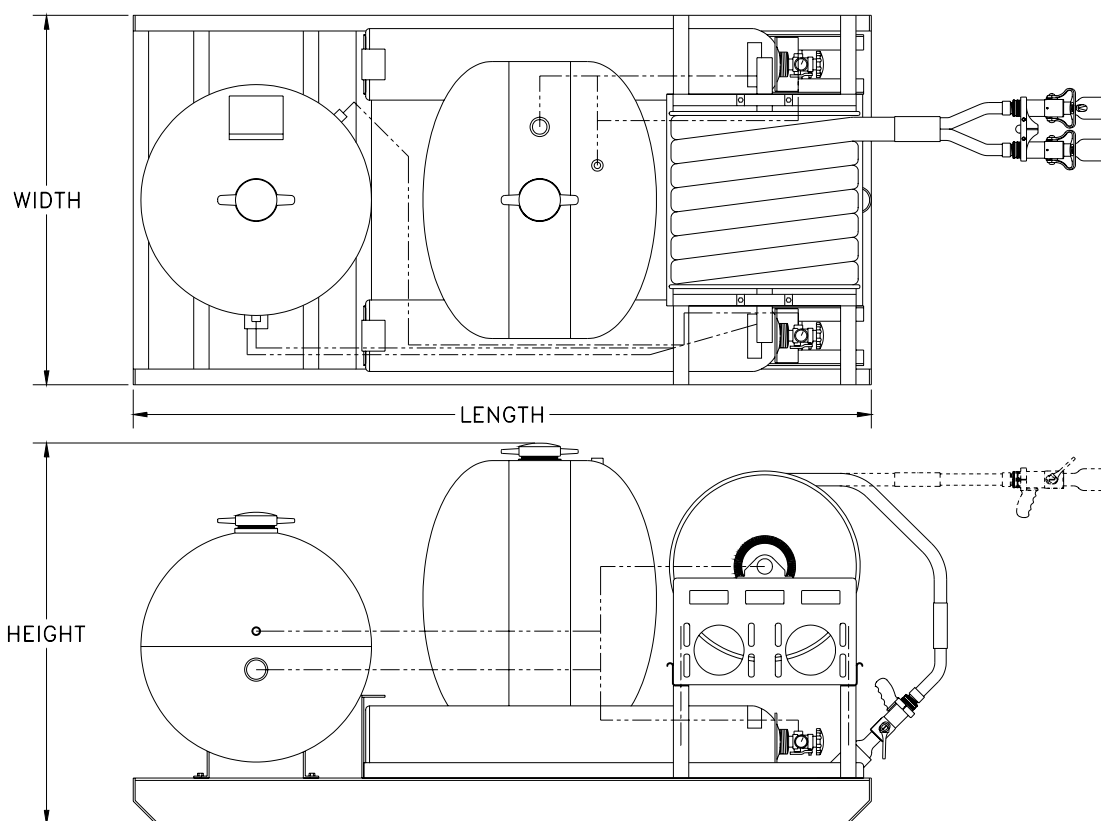
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ORDERING INFORMATION

Part No:	Length In. (cm)	Width In. (cm)	Height In. (cm)	Weight Lb. (kg)	N ₂ Cyl.	Reels
CTA500/50	96 (244)	48 (122)	44 (112)	2450 (1111)	2	1
CTA500/100	96 (244)	48 (122)	54 (137)	3300 (1497)	2	1
CTA1000/100	96 (244)	60 (152)	56 (142)	4550 (2064)	3	1
CTA1000/150	110 (279)	60 (152)	60 (152)	5150 (2336)	3	1
CTA1500/200	116 (295)	60 (152)	60 (152)	6200 (2812)	5	2
CTA1500/250	118 (300)	60 (152)	62 (157)	6600 (2994)	5	2

Note: The above information is subject to change without notice.

TYPICAL CONFIGURATION



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