

SUBMITTAL: FIRE EXTINGUISHERS



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All units meet the current requirements established by the National Fire Protection Association (NFPA) for NFPA10 (2013 version) "Standard for Portable Fire Extinguishers", and any other applicable NFPA standards. All units UL listed for US and Canada and meet local and national OSHA requirements for fire extinguishers.

GRENADIER EXTINGUISHERS - PRESSURIZED WATER

Pressurized Water Extinguishers for Class "A" Fires. The "water press" extinguisher contains water and compressed air. Units shipped empty.

Operation: Squeeze the lever, which opens the valve, allowing the water to be forced out. Upright squeeze grip operation.

Construction: Butt-welded 304-L stainless steel cylinder (eliminates all internal and external crevices). Rugged stainless steel discharge lever and fixed carry handle with visual pressure gauge, pull pin. Heavy-duty, brass, chrome-plated valve body with replaceable molded valve stem seal. UL labeled chemical engine hose.

CLASS A Fires

COSMIC & 495 EXTINGUISHERS - MULTI PURPOSE CHEMICAL

These units contain specially fluidized and siliconized mono ammonium phosphate powder, which smothers and breaks the chain reaction on Class B fires, fuses and insulates Class A fires and is a non-conductor of electricity. Non-toxic.

Conforms to Test Standards: CAN/ULC-S504—ANSI/UL299 & CAN/ULC S508—ANSI/UL711

Operation: Squeeze the lever, which opens the valve, allowing the chemical to be forced out. Upright squeeze grip operation approved to -65°F (-52°C).

Construction: Heavy-duty steel cylinder with rugged metal valve and siphon tube with replaceable molded valve stem seal, visual pressure gauge, pull pin and upright squeeze grip. Corrosion and impact-resistant powder coat finish.

CLASS A,B,C Fires

SENTINEL EXTINGUISHERS- CARBON DIOXIDE

This extinguisher contains liquid carbon dioxide under pressure.

Conforms to Test Standards: CAN/ULC-S503, ANSI/UL154 & CAN/ULC-S508-ANSI/UL711

Operation: Squeeze the lever, which opens the valve, allowing the carbon dioxide to be forced out. The discharge, which changes into a gas and appears as a smothering cloud of white snow, is then directed to the fire through a funnel-shaped horn. Electrically non-conductive.

Construction: Lightweight, high-pressure, aluminum cylinder with O-ring seal and straight thread brass valve fits all sizes. The Sentinel is absolutely rust-free and up to 30% lighter than CO2 units with steel cylinders.

CLASS B,C Fires

270 & 272 - WATER MIST EXTINGUISHER

The water mist extinguisher is ideal for Class A fires where a potential Class C (electrical) hazard exists. Units shipped empty.

Conforms to Test Standards: CAN/ULC-S554-ANSI/UL8 & CAN/ULC-S508-ANSI/UL711

Operation: The unique misting nozzle provides safety from electrical shock, making this extinguisher ideal for use in telecommunications and cleanroom environments.

Construction: Non-magnetic cylinder and misting nozzle. For use in medical facilities.

CLASS A,C Fires

GALAXY & 496 EXTINGUISHERS - REGULAR DRY CHEMICAL

These models contain a siliconized sodium bicarbonate base, the traditional dry chemical. Cleanup after use is generally easy, because the chemical does not normally bake to a hot metal surface. Non-toxic.

Conforms to Test Standards: CAN/ULC-S504—ANSI/UL299 & CAN/ULC-S508-ANSI/UL711

Operation: Squeeze the lever, which opens the valve, allowing the chemical to be forced out. Upright squeeze grip operation approved to -65°F (-52°C).

Construction: Heavy-duty steel cylinder with rugged metal valve and siphon tube with replaceable valve stem seal, visual pressure gauge pull pin and upright squeeze grip.

CLASS B,C Fires

MERCURY EXTINGUISHERS - HALOTRON® AGENT

This model contains the clean extinguishing agent Halotron® 1, which is EPA-approved, government-accepted and specified. This agent discharges as a liquid, then quickly evaporates, leaving no residue to clean up afterwards. U.S. FAA-approved for use in airports. NFPA-10 rating. Electrically non-conductive.

Conforms to Test Standards: CAN/ULC-S556-ANSI/UL2129 & CAN/ULC-S508-ANSI/UL711

Operation: Squeeze the lever, which opens the valve, allowing the chemical to be forced out. Temperature range from -40°F to +120°F.

Construction: Drawn steel cylinder with steel siphon tubes, power cone discharge stream, upright squeeze grip visual pressure gauge and corrosion-resistant paint finish. Models 2-1/2 & 5 have aluminum valves, models 11 and 15.5 have brass valves.

CLASS A,B,C Fires

SATURN EXTINGUISHERS - CLASS K WET CHEMICAL

These units are ideal for commercial restaurant applications as a portable supplement to pre-engineered suppression systems. A low "pH" potassium acetate solution is discharged in a fine mist that provides excellent range while preventing splashing and creating an effective saponification foam-type blanket necessary for suppressing liquid cooking media fires.

Conforms to Test Standards: CAN/ULC-S554-ANSI/UL8 & CAN/ULC-S508-ANSI/UL711

Operation: Squeeze the lever, which opens the valve, allowing the chemical to be forced out.

Construction: Stainless steel cylinder with protective nozzle tip orifice seal and non-metallic nozzle tip finger guard. Industry standard horn and nozzle design.

Name plate shows only the class "K" symbol.

CLASS K Fires



CLASS A FIRES - PAPER, WOOD, CLOTH, ETC., WHERE QUENCHING BY WATER OR INSULATING BY DRY CHEMICAL IS EFFECTIVE.



CLASS B FIRES - FLAMMABLE LIQUIDS WHERE SMOTHERING ACTION IS REQUIRED.



CLASS C FIRES - LIVE ELECTRICAL EQUIPMENT WHERE THE NON-CONDUCTIVITY OF EXTINGUISHANT IS VITAL.



CLASS K FIRES
CALL J.L INDUSTRIES FOR MORE INFORMATION.



J.L INDUSTRIES

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Qty	Model	Type	Nominal Capacity	Shipping Weight	Cylinder Diameter	Overall Height	Overall Width	Shipping Vol.	UL Rating	Optional Mark Bracket	USCG Approved
	Grenadier-P	Press. H ₂ O	2-1/2 gal.	7.75 lbs. «	7"	24-1/2"	9"	1.1 cu.ft.	2A	MB810	YES
	Cosmic 2-1/2E*	ABC Dry Chemical	2-1/2 lbs.	5.5 lbs.	3-3/8"	15-1/2"	5-3/4"	.2 cu.ft.	1A-10BC	MB817C or MB817A*	YES
	Cosmic 5E		5 lbs.	10 lbs.	4-1/4"	16-3/8"	7-1/4"	.35 cu.ft.	3A-40BC	MB818C	YES
	Cosmic 6E		6 lbs.	12.75 lbs.	5"	16"	7-3/4"	.5 cu.ft.	3A-40BC	MB808A	YES
19	Cosmic 10E		10 lbs.	18.25 lbs.	5-1/8"	21"	7-3/4"	.65 cu.ft.	4A-80BC	MB846C or MB846A	YES
	Cosmic 20E (FE20C)		20 lbs.	33.5 lbs.	7-1/2"	21-1/4"	8-3/4"	1.0 cu.ft.	10A-120BC	MB811C	YES
	Cosmic 20E (FE20A)		20 lbs.	38 lbs.	7"	24"	10-1/4"	1.0 cu.ft.	10A-120BC	MB810A	YES
	Cosmic Wheeled		50 -125 lbs.	See Separate Submittal							
	Sentinel 5	Carbon Dioxide	5 lbs.	14 lbs.	5-1/4"	17-3/4"	8-1/4"	.65 cu.ft.	5BC	MB809C or MB809A	YES
	Sentinel 10		10 lbs.	28.25 lbs.	7"	24"	12"	1.3 cu.ft.	10BC	MB810C or MB810A	YES
	Sentinel 15		15 lbs.	37.75 lbs.	7"	30"	12"	1.0 cu.ft.	10BC	MB810C or MB864A	YES
	Sentinel 20		20 lbs.	50.75 lbs.	8"	30"	13"	2.1 cu.ft.	10BC	MB811C or MB811A	YES
	Galaxy 2-1/2*	BC Dry Chemical	2-1/2 lbs.	5/5 lbs.	3-3/8"	15-1/2"	5-3/4"	.2 cu.ft.	10BC	MB817C or MB817A*	YES
	Galaxy 5		5 lbs.	9.25 lbs.	4-1/4"	15-1/4"	5-1/2"	.35 cu.ft.	10BC	MB818A	YES
	Galaxy 5-1/2		5-1/2 lbs.	10.5 lbs.	4-1/4"	16-3/8"	7-1/4"	.4 cu.ft.	40BC	MB818C or MB818A	YES
	Galaxy 6		6 lbs.	13.75 lbs.	5"	16-1/4"	8-1/2"	.5 cu.ft.	40BC	MB808A	YES
	Galaxy 10 (FG10C)		10 lbs.	18.25 lbs.	5-1/8"	21"	7-3/4"	.65 cu.ft.	40BC	MB846C	YES
	Galaxy 10 (FG10A)		10 lbs.	18 lbs.	5"	20"	7-3/4"	.65 cu.ft.	60BC	MB846A	YES
	Galaxy 20		20 lbs.	38 lbs.	7-1/2"	23-1/4"	10-1/4"	1.0 cu.ft.	120BC	MB810C or MB810A	YES
	Galaxy Wheeled		50-150 lbs.	See Separate Submittal							
	Mercury 2-1/2*	Halotron®	2-1/2 lbs	5.25 lbs	3-3/8"	15-1/2"	6-3/8"	.25 cu.ft.	2BC	MB817C or MB817A*	N/A
	Mercury 5		5 lbs	9.5 lbs	4-1/4"	16-3/8"	7-1/4"	.3 cu.ft.	5BC	MB818C or MB818A	YES
	Mercury 11 (FM11C)		11 lbs	21.25 lbs	7"	17-1/2"	8-5/8"	1.0 cu.ft.	1A-10BC	MB810C	YES
	Mercury 11 (FM11A)		11 lbs	22.5 lbs	6"	21-7/8"	9-1/4"	1.0 cu.ft.	1A-10BC	MB812A	YES
	Mercury 15-1/2 (FM15C)		15-1/2 lbs	25.75 lbs	7"	17-1/2"	8-5/8"	1.0 cu.ft.	2A-10BC	MB810C	YES
	Mercury 15-1/2 (FM15A)		15-1/2 lbs	27.5 lbs	6"	21-7/8"	9-1/4"	1.0 cu.ft.	2A-10BC	MB812A	YES
	Saturn 15	Class K Wet Chemical	1.8 gal	22.5 lbs	7"	19-1/4"	9"	.9 cu.ft.	Class K	MB810C or MB810A	—
	Saturn 25		2.5 gal	33.5 lbs.	7"	24-1/2"	9"	1.1 cu.ft.	Class K	MB810C or MB810A	—
	270	Water Mist	1.75 gal	7 lbs. «	7"	24-1/2"	11"	1.1 cu. ft.	2AC	MB810MN	—
	272		2.5 gal	8 lbs. «	7"	27-1/2"	11"	1.3 cu ft.	2AC	MB810NM	—

* INDICATES MARK BRACKET STANDARD. J HOOK WALL BRACKET STANDARD WITH ALL OTHER EXTINGUISHERS.

«JL extinguishers are shipped fully charged with the exception of the Grenadier P, 270 & 272. **Note:** NFPA regulations also require extinguishers to be inspected when initially placed in service and all local fire code and tagging requirements must be adhered to. All fire extinguisher sizes are nominal. Contact Customer Service For More Information About Ordering Tagged Extinguishers in Your Area.

 JL INDUSTRIES PLEASE DOWNLOAD MOST CURRENT SUBMITTAL FROM WEBSITE BEFORE ORDERING	 ACTIVAR INC. Construction Products Group www.activarcpg.com	Distributor: Fire Safety, Inc.	Quantity: 19
		Contractor: PARIC Corporation	Approved By:
		Model #: Cosmic 10E	Architect: Cannon Design
		Project: Webster ISB	Date: 4/21/17
HEADQUARTERS & JL INDUSTRIES: 4450 WEST 78TH ST CIRCLE, BLOOMINGTON, MN 55435-5416 PH: 800-554-6077 FAX: 952-835-2218 EMAIL: SALES@ACTIVARCPG.COM WWW.ACTIVARCPG.COM ACPG WEST COAST/SAMSON: COMMERCE, CA WAREHOUSES: FORT MYERS FL, DALLAS TX, LANCASTER PA, ATLANTA GA, CHICAGO, IL, SEATTLE WA, OMAHA NE, FARGO ND 6/30/2015			

SUBMITTAL IDENTIFICATION SHEET

To be completed by Contractor/CM

WEBSTER UNIVERSITY ISB	
PROJECT NAME	
8274 BIG BEND BLVD	
ADDRESS	
NUMBER	
WEBSTER UNIVERSITY	
OWNER	
CANNON DESIGN	
ARCHITECT / ENGINEER	
Joe Voypick	
SUBMITTED BY	
104416-001	
CONTRACTOR / CM SUBMITTAL NO.	CANNON DESIGN SUBMITTAL NO.
	104416
DRAWING / DETAIL REFERENCE	SPECIFICATION SECTION / PARAGRAPH
MANUFACTURER / SUPPLIER	ITEM / PRODUCT ID
REQUIRED DATE	PRIORITY
	☐ CRITICAL

ITEM BEING SUBMITTED (check only one)

- | | | |
|---|--|--|
| ☐ Shop Drawings | ☐ Certification / Qualifications | ☐ Coordination Drawing |
| ☐ Samples (____ copies) | ☐ Record Documents | ☐ Calculations |
| ☐ LEED Submittal | ☒ Product Data | ☐ Schedules |
| ☐ Other _____ | | ☐ O&M Manuals |

ITEM BEING SUBMITTED FOR (check only one)

- ☒ Action ☐ Information Only ☐ Record

REMARKS OR DEVIATIONS

CONTRACTOR / CM CERTIFICATION (SUBMITTALS NOT CERTIFIED WILL BE RETURNED WITHOUT REVIEW)

 PARIC CORPORATION SUBMITTAL STAMP THIS SHOP DRAWING HAS BEEN REVIEWED BY PARIC CORPORATION Subcontractor remains responsible for dimensions, quantities, coordination with other trades and compliance with contract documents. By: Devin D. Gates

Joe Voypick	5/11/17
REVIEWED BY	DATE

To be completed by Reviewer

10 4416-001
CANNON DESIGN SUBMITTAL NUMBER
5/12/17
RECEIVED DATE

- ☐ A. No Exceptions Taken
No further review of submittal is required.
- ☒ B. Make Corrections Noted
Incorporate corrections in work; resubmission is not required.
- ☐ C. Revise and Resubmit
Revise as noted, and resubmit for review.
- ☐ D. Rejected
Submittal is not in compliance with Contract Documents; provide new submittal.
- ☐ E. For Record / Information Only
Submittal was reviewed for Record / Information purposes only.
- ☐ F. Not Required for Review
Submittal is not required by Contract Documents and has not been reviewed.

Review is for conformance with the design concept of this project and for general compliance with contract documents. Contractor is responsible for quantities, dimensions and compliance with contract documents and for information that pertains to fabrication processes, construction techniques and coordination of this work with all trades which will be affected thereby. This review is null and void if submittal deviates from contract documents and does not indicate or note deviations.

A/E COMMENTS ☐ See attached sheet(s) for additional comments

APPROVED PROVIDE THE PRODUCT IS FM GLOBAL APPROVED PER SPECIFICATION 104416, 2.1, B.
PROVIDE MOUNTING BRACKETS PER SPEC. 104416, 2.3, A.
PROVIDE IDENTIFICATION PER SPEC. 104416, 2.3, B.
COORDINATE WITH FIRE EXTINGUISHER CABINETS.

Kelvin Patel	5/26/17
REVIEWED BY	DATE

Digitally signed by Kelvin Patel
DN: C=US, E=kpatel@cannondesign.com, O=Cannon Design,
OU=Architect, CN=Kelvin Patel
Date: 2017.05.26 11:47:59 -0500



77 Westport Plaza
Suite 250
St. Louis, MO 63146

TRANSMITTAL

No. 15051-0572

Paric Corporation

PROJECT: 15051-Webster University Interdisciplinary Science Building

DATE: 05/11/2017

TO: Cannon Design
1100 Clark Ave
St Louis MO 63102

Fax;
314-241-2203

RE: Fire extinguisher product data

ATTN: Kelvin Patel

JOB: 15051

WE ARE SENDING:	SUBMITTED FOR:	ACTION TAKEN:
☐ Shop Drawings	☒ Approval	☐ Approved as Submitted
☐ Letter	☐ Your Use	☐ Approved as Noted
☐ Prints	☐ As Requested	☐ Returned After Loan
☐ Change Order	☐ Review and Comment	☐ Resubmit
☐ Plans		☐ Submit
☐ Samples	SENT VIA:	☐ Returned
☐ Specifications	☐ Attached	☐ Returned for Corrections
☒ Other: Product Data	☐ Separate Cover Via:	☒ Due Date: 01/12/2017

<i>Item</i>	<i>Package</i>	<i>Code</i>	<i>Rev.</i>	<i>Copies</i>	<i>Date</i>	<i>Description</i>	<i>Status</i>
Submittal		104416-001	1		05/11/2017	Fire extinguisher product data	Submitted

NOTES:

CC:

Signed: _____
EVAN FOX