

Brigade Dry Chemical

Carbon Dioxide Expellent Cartridge Models



The BRIGADE is the industry's most effective cartridge operated dry chemical fire extinguisher, incorporating standard features that go far beyond the "options" available on others' cartridge units.

The BRIGADE extinguisher offers the very best in fire fighting performance and usability. It is available with Multipurpose, Regular or Purple K Dry Chemical to meet any type of industrial fire hazard.

It is rapidly becoming the number one choice of the professionals especially when high hazard fires demand fast, effective and reliable response.

FEATURES

- The widest choice, with 15 models available
- Available in three sizes - 10 lb, 20 lb and 30 lb
- "Standard" and "high flow" models for optimum fire fighting performance
- Fitted with low maintenance swivel discharge nozzle for both left and right handed operators.
- Designed with more extinguishing agent for higher fire ratings, longer range, extended discharge times and higher flow rates
- Permanent UL marking on the agent cylinder collar to allow for nameplate replacement in the field
- Indicator fill cap with offset sure-grip surface for easy removal
- Stainless steel cartridge guard and ring pins for extended life
- Heavy duty, corrosion resistant vehicle brackets
- Field replaceable nameplates

TYPICAL BRIGADE HIGH HAZARD APPLICATIONS:

- Petrochemical
- Mining
- Industrial
- Energy
- Transportation
- Utilities
- Forestry

All Brigade models feature deep drawn, seamless steel, corrosion resistant cylinders with full 360° attachment welds for added strength and corrosion resistance.

UL listed
USCG approved



Brigade Technical Specifications

10 lb models

20 lb models

30 lb models

Model	B-10-RG	B-10-PK	B-10-PK-HF	B-10-A	B-10-A-HF	B-20-RG	B-20-PK	B-20-PK-HF	B-20-A	B-20-A-HF	B-30-RG	B-30-PK	B-30-PK-HF	B-30-A	B-30-A-HF
Part Number	466522	466523	466563	466521	466562	466528	466529	466565	466527	466564	466539	466534	466567	466533	466566
Performance Type	Standard	Standard	High Flow	Standard	High Flow	Standard	Standard	High Flow	Standard	High Flow	Standard	Standard	High Flow	Standard	High Flow
Agent	Regular	Purple K	Purple K	ABC	ABC	Regular	Purple K	Purple K	ABC	ABC	Regular	Purple K	Purple K	ABC	ABC
Agent Capacity (lbs.)	12	10.5	10.5	10.65	10.65	23	22	22	21	21	29	28.5	28.5	25	25
Agent Capacity (Kg)	5.44	4.76	4.76	4.83	4.83	10.43	9.98	9.98	9.53	9.53	13.15	12.93	12.93	11.34	11.34
UL Fire Rating	40 B:C	60 B:C	20 B:C	4 A - 40 B:C	1 A - 20 B:C	60 B:C	80 B:C	20 B:C	20 A - 60 B:C	2 A - 40 B:C	120 B:C	120 B:C	40 B:C	20 A - 80 B:C	3 A - 40 B:C
USCG				Type B:C Size II	Type B:C Size II				Type A Size II	Type A Size II				Type A Size II	Type A Size II
Approval	Type B:C Size II	Type B:C Size II	Type B:C Size II	Type B:C Size II	Type B:C Size II	Type B:C Size III	Type B:C Size III	Type B:C Size III	Type B:C Size III	Type B:C Size III	Type B:C Size IV	Type B:C Size IV	Type B:C Size IV	Type B:C Size III	Type B:C Size III
Discharge Time (sec.)	17-21	17-20	9	17-20	10	20-26	20-26	12	20-24	15	26-31	26-31	14	29-35	15
Agent Flow Rate (lb/sec.)	0.7	0.55	1.31	0.58	1.25	1.14	1	2.04	1.03	1.61	1.02	0.98	2.18	0.77	1.88
Agent Flow Rate (Kg/sec.)	0.32	0.25	0.59	0.26	0.57	0.52	0.45	0.93	0.47	0.73	0.46	0.45	0.99	0.35	0.85
Discharge Range (Feet)	15-25	15-25	15-25	15-25	15-25	15-30	15-30	15-30	15-30	15-30	15-35	15-35	15-35	15-35	15-35
Discharge Range (Meters)	4.57-7.62	4.57-7.62	4.57-7.62	4.57-7.62	4.57-7.62	4.57-9.14	4.57-9.14	4.57-9.14	4.57-9.14	4.57-9.14	4.57-10.67	4.57-10.67	4.57-10.67	4.57-10.67	4.57-10.67
Temperature Range (°F)	-40° TO +120°	-40° TO +120°	-40° TO +120°	-40° TO +120°	-40° TO +120°	-40° TO +120°	-40° TO +120°	-40° TO +120°	-40° TO +120°	-40° TO +120°	-40° TO +120°	-40° TO +120°	-40° TO +120°	-40° TO +120°	-40° TO +120°
Temperature Range (°C)	-40° To +49°	-40° To +49°	-40° To +49°	-40° To +49°	-40° To +49°	-40° To +49°	-40° To +49°	-40° To +49°	-40° To +49°	-40° To +49°	-40° To +49°	-40° To +49°	-40° To +49°	-40° To +49°	-40° To +49°
Unit Height (Inches)	18.25	18.25	18.25	18.25	18.25	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6
Unit Height (Cm)	46.36	46.36	46.36	46.36	46.36	59.94	59.94	59.94	59.94	59.94	59.94	59.94	59.94	59.94	59.94
Unit Width (Inches)	9.5	9.5	9.5	9.5	9.5	11.25	11.25	11.25	11.25	11.25	12.25	12.25	12.25	12.25	12.25
Unit Width (Cm)	24.13	24.13	24.13	24.13	24.13	28.58	28.58	28.58	28.58	28.58	31.12	31.12	31.12	31.12	31.12
Cylinder Diameter (Inches)	5.12	5.12	5.12	5.12	5.12	6.25	6.25	6.25	6.25	6.25	7.2	7.2	7.2	7.2	7.2
Cylinder Diameter (CM)	13	13	13	13	13	15.88	15.88	15.88	15.88	15.88	18.29	18.29	18.29	18.29	18.29
Shipping Weight (lbs.)	27	25.5	25.5	25.5	25.5	47.5	46.5	46.5	45.5	45.5	55	54.5	54.5	51	51
Shipping Weight (Kg)	12.25	11.57	11.57	11.57	11.57	21.55	21.09	21.09	20.64	20.64	24.95	24.72	24.72	23.13	23.13
USCG Bracket	B-10	B-10	B-10	B-10	B-10	B-20	B-20	B-20	B-20	B-20	B-30	B-30	B-30	B-30	B-30

BFPN0016

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