

# Carbon Dioxide Expellant Cartridges



## The professional's choice

Badger Brigade extinguishers are the most effective cartridge-operated models in the industry. When fire conditions demand that firefighters have the very best in portable fire extinguisher performance, they choose the Brigade.

Professional firefighters understand that Brigade cartridge operated extinguisher designs can extinguish various fire situations that stored pressure models cannot. It is rapidly becoming the number one choice of professionals, especially when high hazard fires demand fast, effective and reliable response.

The Brigade line offers the very best in fire fighting performance and usability. It is available with ABC Multipurpose, BC Regular or Purple-K dry chemical to address industrial fire hazards.

Regular BC and Purple K Dry Chemical:



ABC Multipurpose Dry Chemical:



## Features:

- Wide choice with 12 models available
- Fitted with low maintenance swivel discharge nozzle to accommodate both left and right-handed operators
- Designed with more extinguishing agent for higher fire ratings, longer range, extended discharge times and higher flow rates
- Stainless steel cartridge guard and ring pins for extended life
- UL Listed and USCG Approved
- Full 360° attachment welds for added strength and better corrosion resistance
- 12 year product warranty

# Technical Data: BADGER *Brigade* Carbon Dioxide Cartridge Operated Models

MODEL	B-10-PK	B-10-A	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	466523	466521	466528	466529	466565	466527	466564	466539	466534	466567	466533	466566
CAPACITY (lb.)	10.5	10.65	23	22	22	21	21	29	28.5	28.5	25	25
CAPACITY (kg)	4.76	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	60-B:C	4-A:40-B:C	60-B:C	80-B:C	20-B:C	10-A:60-B:C	2-A:40-B:C	120-B:C	120-B:C	40-B:C	10-A:80-B:C	3-A:40-B:C
AGENT TYPE	Purple K	ABC	Regular	Purple K	Purple K	ABC	ABC	Regular	Purple K	Purple K	ABC	ABC
CYLINDER MATERIAL	Steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel	Steel
VALVE MATERIAL	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
HANDLE/LEVER MATERIAL	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
EXPELLANT CARTRIDGES	CO <sub>2</sub>	CO <sub>2</sub>	CO <sub>2</sub>	CO <sub>2</sub>	CO <sub>2</sub>	CO <sub>2</sub>	CO <sub>2</sub>	CO <sub>2</sub>	CO <sub>2</sub>	CO <sub>2</sub>	CO <sub>2</sub>	CO <sub>2</sub>
Operating Pressure @ 70° F	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
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
TEMPERATURE RANGE (° C)	-40.0 to 48.9	-40.0 to 48.9	-40.0 to 48.9	-40.0 to 48.9	-40.0 to 48.9	-40.0 to 48.9	-40.0 to 48.9	-40.0 to 48.9	-40.0 to 48.9	-40.0 to 48.9	-40.0 to 48.9	-40.0 to 48.9
AGENT FLOW RATE (lb/sec)	0.55	0.58	<b>1.14</b>	<b>1</b>	<b>2.04</b>	<b>1.03</b>	<b>1.61</b>	<b>1.02</b>	0.98	<b>2.18</b>	0.77	<b>1.88</b>
AGENT FLOW RATE (kg/sec)	0.25	0.26	0.52	0.45	0.93	0.47	0.73	0.46	0.45	0.99	0.35	0.85
NOM. DISCHARGE TIME (sec)	17 to 20	17 to 20	20 to 26	20 to 26	12	20 to 24	15	26 to 31	26 to 31	14	29 to 35	15
DISCHARGE RANGE (ft.)	15 to 25	15 to 25	15 to 30	15 to 30	15 to 30	15 to 30	15 to 30	15 to 35	15 to 35	15 to 35	15 to 35	15 to 35
DISCHARGE RANGE (m)	4.57 to 7.62	4.57 to 7.62	4.57 to 9.14	4.57 to 9.14	4.57 to 9.14	4.57 to 9.14	4.57 to 9.14	4.57 to 10.67	4.57 to 10.67	4.57 to 10.67	4.57 to 10.67	4.57 to 10.67
UNIT HEIGHT (in.)	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	59.94	59.94	59.94	59.94	59.94	59.94	59.94	59.94	59.94	59.94
UNIT WIDTH (in.)	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	28.58	28.58	28.58	28.58	28.58	31.12	31.12	31.12	31.12	31.12
UNIT DEPTH (in.)	5.12	5.12	6.25	6.25	6.25	6.25	6.25	7.2	7.2	7.2	7.2	7.2
UNIT DEPTH (cm)	13	13	15.88	15.88	15.88	15.88	15.88	18.29	18.29	18.29	18.29	18.29
SHIPPING WEIGHT (lb.)	25.5	25.5	47.5	46.5	46.5	45.5	45.5	55	54.5	54.5	51	51
SHIPPING WEIGHT (kg)	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 APPROVAL	Type B:C Size II	Type A Size II	Type B:C Size III	Type B:C Size III	Type B:C Size III	Type A Size II	Type A Size II	Type B:C Size III	Type B:C Size III	Type B:C Size III	Type A Size II	Type A Size II
USCG BRACKET	B-10 Optional	B-10 Optional	B-20 Optional	B-20 Optional	B-20 Optional	B-20 Optional	B-20 Optional	B-30 Optional	B-30 Optional	B-30 Optional	B-30 Optional	B-30 Optional

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