

# Purple K Dry Chemical



## For high hazard Class B and C fires

Badger's potassium bicarbonate Purple K dry chemical stored pressure fire extinguishers are designed for use on high hazard types of Class B and C fires.

Purple K is generally superior to other dry chemicals on Class B fires, making these extinguishers ideal for use in industrial and commercial premises where a flammable liquid or gas fire risks exist.

The extinguishers can be mounted on any flat vertical surface with a wall hook or supplied with an optional strap bracket.

### Features:

- *Chrome plated brass valve*
- *Stainless steel handle and lever*
- *Steel cylinder and internal siphon tube*
- *Six year warranty*
- *Large loop stainless steel pull pins with tether*
- *12 year periodic hydrostatic test interval*
- *Heavy-duty hose with plated brass hex fitting*
- *UL Listed and USCG Approved*
- *Easy-to-read two-piece nameplates*

**B**

**C**



# Technical Data:

## BADGER *Extra Purple K Dry Chemical Stored Pressure Extinguishers*

MODEL	B250P	B5P	B10P	B10P-1-HF	B20P	B20P-HF
PART NUMBER	23485	23488	23778	21006159	23495	21006161
CAPACITY (lb.)	2.5	5	10	10	20	20
CAPACITY (kg)	1.1	2.3	4.5	4.5	9.1	9.1
UL FIRE RATING	10-B:C	30-B:C	80-B:C	20-B:C	120-B:C	60-B:C
AGENT TYPE	Purple K	Purple K	Purple K	Purple K	Purple K	Purple K
CYLINDER MATERIAL	Steel	Steel	Steel	Steel	Steel	Steel
VALVE MATERIAL	Plated Brass	Plated Brass	Plated Brass	Plated Brass	Plated Brass	Plated Brass
HANDLE/LEVER MATERIAL	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
EXPELLANT	Nitrogen	Nitrogen	Nitrogen	Nitrogen	Nitrogen	Nitrogen
Operating Pressure @ 70° F	195	195	195	195	195	195
TEMPERATURE RANGE (° F)	-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
AGENT FLOW RATE (lb./sec)	0.31	0.42	0.45	1.18	0.71	1.22
AGENT FLOW RATE (kg/sec)	0.14	0.19	0.20	0.54	0.32	0.55
NOM. DISCHARGE TIME (sec)	9.5	12	22	11	28	20
DISCHARGE RANGE (ft.)	10.0 to 15.0	12.0 to 18.0	16.0 to 20.0	10 to 25	25.0 to 30.0	10 to 30
DISCHARGE RANGE (m)	3.0 to 4.6	3.7 to 5.5	4.9 to 6.1	3 to 7.6	7.6 to 9.1	3 to 9
UNIT HEIGHT (in.)	14.87	15.25	18.94	19.13	21.13	21.13
UNIT HEIGHT (cm)	37.8	38.7	48.1	48.6	53.7	53.7
UNIT WIDTH (in.)	5.5	7.25	7.75	8.13	9.25	9.25
UNIT WIDTH (cm)	14.0	18.4	19.7	20.7	23.5	23.5
UNIT DEPTH (in.)	3	4.25	5.25	5.25	7.25	7.25
UNIT DEPTH (cm)	7.6	10.8	13.3	13.3	18.4	18.4
SHIPPING WEIGHT (lb.)	5.8	10.4	17	18	32	33
SHIPPING WEIGHT (kg)	2.6	4.7	7.7	8.16	14.5	15
USCG APPROVAL	Type B:C, Size I	Type B:C, Size I	Type B:C, Size II	Type B:C, Size II	Type B:C, Size III	Type B:C, Size III
BRACKET	MB-250 Included	MB-5 Optional	UB-10 Optional	UB-10 Optional	UB-20 Optional	UB-20 Optional

This information is subject to change without notice. Badger Fire Protection disclaims any liability for any errors or misinterpretations of the information contained therein. Contact Badger Fire Protection for your local distributor for assistance.

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