# **Carbon Dioxide**





### Effective Class B and C fire protection

These quality wheeled fire extinguisher models are designed for single person use and operation. They are extremely versatile and ready to tackle flammable liquid and electrical equipment fire hazards. They are ideally suited for industrial applications where delicate equipment or processes require a clean extinguishing agent.

Carbon Dioxide is an effective and clean gaseous extinguishing agent that leaves no residue to clean up. These models are suitable for use on Class B and C fires.

#### Features:

- Heavy-duty hand wheel cylinder activation valves
- 16 inch semi-pneumatic rubber wheels
- Quick release discharge nozzle retainer
- Heavy-duty industrial discharge valve and nozzle
- UL Listed—Meets D.O.T. requirements
- Five year periodic hydrostatic test interval
- Six year warranty
- CD-50 model equipped with 15' hose length
- CD-100 model equipped with 40' hose length





### **Technical Data:**

## **BADGER Wheeled** Carbon Dioxide Self-Expelling Models

PART NUMBER 22724 22725 CAPACITY (lb.) 50 100 CAPACITY (kg) 22.68 45.36 UL FIRE RATING 20-B:C 20-B:C AGENT TYPE Carbon Dioxide CYLINDER MATERIAL Steel VALVE MATERIAL Brass Brass HANDLE/LEVER MATERIAL n/a n/a EXPELLANT Carbon Dioxide Carbon Dioxide Operating Pressure @ 70° F 850 850 TEMPERATURE RANGE (° F) -22 to 120 -22 to 120 TEMPERATURE RANGE (° C) -30 to 48.9 -30 to 48.9 AGENT FLOW RATE (lb/sec) n/a n/a AGENT FLOW RATE (lb/sec) 100 DISCHARGE TIME (sec) 30 60 DISCHARGE RANGE (ft.) 10.0 10.0 to 15.0 DISCHARGE RANGE (m) 3.85 3.65 to 4.57 UNIT HEIGHT (in.) 52 52 UNIT HEIGHT (cm) 132.1 132.1 UNIT WIDTH (in.) 21.5 32 UNIT DEPTH (in.) 33 33 UNIT DEPTH (in.) 83.8 83.8 SHIPPING WEIGHT (kg) 122.9 202.3 USCG APPROVAL n/a n/a	MODEL	CD50-2	CD100-2
CAPACITY (kg)       22.68       45.36         UL FIRE RATING       20-B:C       20-B:C         AGENT TYPE       Carbon Dioxide       Carbon Dioxide         CYLINDER MATERIAL       Steel       Steel         VALVE MATERIAL       Brass       Brasss         HANDLE/LEVER MATERIAL       n/a       n/a         EXPELLANT       Carbon Dioxide       Carbon Dioxide         Operating Pressure @ 70° F       850       850         TEMPERATURE RANGE (° F)       -22 to 120       -22 to 120         TEMPERATURE RANGE (° C)       -30 to 48.9       -30 to 48.9         AGENT FLOW RATE (lb/sec)       n/a       n/a         NOM. DISCHARGE TIME (sec)       n/a       n/a         NOM. DISCHARGE TIME (sec)       30       60         DISCHARGE RANGE (m)       3.85       3.65 to 4.57         UNIT HEIGHT (in.)       52       52         UNIT HEIGHT (cm)       132.1       132.1         UNIT WIDTH (in.)       21.5       32         UNIT DEPTH (in.)       33       33         UNIT DEPTH (in.)       83.8       83.8         SHIPPING WEIGHT (kg)       122.9       202.3         USCG APPROVAL       46	PART NUMBER	22724	22725
UL FIRE RATING 20-B:C  AGENT TYPE Carbon Dioxide Carbon Dioxide  CYLINDER MATERIAL Steel Steel  VALVE MATERIAL Brass Brass  HANDLE/LEVER MATERIAL n/a n/a  EXPELLANT Carbon Dioxide  Operating Pressure @ 70° F 850 850  TEMPERATURE RANGE (° F) -22 to 120 -22 to 120  TEMPERATURE RANGE (° C) -30 to 48.9 -30 to 48.9  AGENT FLOW RATE (lb/sec) n/a n/a  AGENT FLOW RATE (kg/sec) n/a n/a  NOM. DISCHARGE TIME (sec) 30 60  DISCHARGE RANGE (ft.) 10.0 10.0 to 15.0  DISCHARGE RANGE (ft.) 10.0 10.0 to 15.0  UNIT HEIGHT (in.) 52 52  UNIT HEIGHT (in.) 52 52  UNIT WIDTH (in.) 132.1 132.1  UNIT WIDTH (in.) 132.1 132.1  UNIT WIDTH (in.) 54.61 81.28  UNIT DEPTH (in.) 33 33  UNIT DEPTH (in.) 83.8  SHIPPING WEIGHT (lb.) 271 446  SHIPPING WEIGHT (kg) 122.9 202.3	CAPACITY (lb.)	50	100
AGENT TYPE Carbon Dioxide CYLINDER MATERIAL Steel VALVE MATERIAL Brass HANDLE/LEVER MATERIAL Doperating Pressure @ 70° F EXPELLANT Carbon Dioxide Operating Pressure @ 70° F S50 TEMPERATURE RANGE (° F) -22 to 120 -22 to 120 TEMPERATURE RANGE (° C) -30 to 48.9 AGENT FLOW RATE (lb/sec) N/a NOM. DISCHARGE TIME (sec) DISCHARGE RANGE (ft.) DISCHARGE RANGE (ft.) DISCHARGE RANGE (m) DISCHARGE RANGE (m)  UNIT HEIGHT (in.) 52 UNIT HEIGHT (in.) 51 UNIT WIDTH (in.) DISCHARGE RANGE (m) S40 UNIT DEPTH (in.) S41 UNIT DEPTH (in.) S41 UNIT DEPTH (cm) S43 SHIPPING WEIGHT (kg) 122.9 USCG APPROVAL	CAPACITY (kg)	22.68	45.36
CYLINDER MATERIAL  VALVE MATERIAL  Brass  HANDLE/LEVER MATERIAL  EXPELLANT  Carbon Dioxide  Operating Pressure @ 70° F  850  TEMPERATURE RANGE (° F)  -22 to 120  TEMPERATURE RANGE (° C)  AGENT FLOW RATE (lb/sec)  NOM. DISCHARGE TIME (sec)  DISCHARGE RANGE (ft.)  DISCHARGE RANGE (ft.)  UNIT HEIGHT (in.)  UNIT WIDTH (in.)  UNIT WIDTH (in.)  SHIPPING WEIGHT (lb.)  SHIPPING WEIGHT (kg)  10.0  Carbon Dioxide  Carbon	UL FIRE RATING	20-B:C	20-B:C
VALVE MATERIAL  HANDLE/LEVER MATERIAL  Carbon Dioxide  EXPELLANT  Carbon Dioxide  Operating Pressure @ 70° F  850  TEMPERATURE RANGE (° F)  -22 to 120  TEMPERATURE RANGE (° C)  AGENT FLOW RATE (lb/sec)  N/a  AGENT FLOW RATE (lb/sec)  N/a  NOM. DISCHARGE TIME (sec)  DISCHARGE RANGE (ft.)  DISCHARGE RANGE (ft.)  UNIT HEIGHT (in.)  DISCHARGE TIME (in.)  UNIT WIDTH (in.)  132.1  UNIT WIDTH (in.)  132.1  UNIT WIDTH (in.)  33  UNIT DEPTH (in.)  33  UNIT DEPTH (cm)  83.8  SHIPPING WEIGHT (kg)  122.9  202.3  USCG APPROVAL	AGENT TYPE	Carbon Dioxide	Carbon Dioxide
HANDLE/LEVER MATERIAL       n/a       n/a         EXPELLANT       Carbon Dioxide       Carbon Dioxide         Operating Pressure @ 70° F       850       850         TEMPERATURE RANGE (° F)       -22 to 120       -22 to 120         TEMPERATURE RANGE (° C)       -30 to 48.9       -30 to 48.9         AGENT FLOW RATE (lb/sec)       n/a       n/a         NOM. DISCHARGE (kg/sec)       n/a       n/a         NOM. DISCHARGE TIME (sec)       30       60         DISCHARGE RANGE (ft.)       10.0       10.0 to 15.0         DISCHARGE RANGE (m)       3.85       3.65 to 4.57         UNIT HEIGHT (in.)       52       52         UNIT WIDTH (in.)       21.5       32         UNIT WIDTH (in.)       33       33         UNIT DEPTH (in.)       33       33         UNIT DEPTH (cm)       83.8       83.8         SHIPPING WEIGHT (lb.)       271       446         SHIPPING WEIGHT (kg)       122.9       202.3         USCG APPROVAL	CYLINDER MATERIAL	Steel	Steel
EXPELLANT         Carbon Dioxide         Carbon Dioxide           Operating Pressure @ 70° F         850         850           TEMPERATURE RANGE (° F)         -22 to 120         -22 to 120           TEMPERATURE RANGE (° C)         -30 to 48.9         -30 to 48.9           AGENT FLOW RATE (lb/sec)         n/a         n/a           AGENT FLOW RATE (kg/sec)         n/a         n/a           NOM. DISCHARGE TIME (sec)         30         60           DISCHARGE RANGE (ft.)         10.0         10.0 to 15.0           DISCHARGE RANGE (m)         3.85         3.65 to 4.57           UNIT HEIGHT (in.)         52         52           UNIT WIDTH (in.)         21.5         32           UNIT WIDTH (in.)         54.61         81.28           UNIT DEPTH (in.)         83.8         83.8           SHIPPING WEIGHT (lb.)         271         446           SHIPPING WEIGHT (kg)         122.9         202.3           USCG APPROVAL         40         40	VALVE MATERIAL	Brass	Brass
Operating Pressure @ 70° F       850       850         TEMPERATURE RANGE (° F)       -22 to 120       -22 to 120         TEMPERATURE RANGE (° C)       -30 to 48.9       -30 to 48.9         AGENT FLOW RATE (lb/sec)       n/a       n/a         AGENT FLOW RATE (kg/sec)       n/a       n/a         NOM. DISCHARGE TIME (sec)       30       60         DISCHARGE RANGE (ft.)       10.0       10.0 to 15.0         DISCHARGE RANGE (m)       3.85       3.65 to 4.57         UNIT HEIGHT (in.)       52       52         UNIT WIDTH (in.)       132.1       132.1         UNIT WIDTH (in.)       21.5       32         UNIT DEPTH (in.)       33       33         UNIT DEPTH (in.)       83.8       83.8         SHIPPING WEIGHT (lb.)       271       446         SHIPPING WEIGHT (kg)       122.9       202.3         USCG APPROVAL       -22 to 120       -30 to 48.9         -30 to 48.9       -30 to 48.9       -30 to 48.9         -30 to 48.9       -30 to 48.9       -60         -10 to 15.0       10.0 to 15.0       10.0 to 15.0         -20 to 4.57       3.65 to 4.57       3.65 to 4.57         -20 to 4.57       3.65 to 4.57       3.65 to	HANDLE/LEVER MATERIAL	n/a	n/a
TEMPERATURE RANGE (° F) -22 to 120  TEMPERATURE RANGE (° C) -30 to 48.9  AGENT FLOW RATE (lb/sec) n/a n/a  AGENT FLOW RATE (kg/sec) n/a n/a  NOM. DISCHARGE TIME (sec) 30 60  DISCHARGE RANGE (ft.) 10.0 10.0 to 15.0  DISCHARGE RANGE (m) 3.85 3.65 to 4.57  UNIT HEIGHT (in.) 52 52  UNIT HEIGHT (cm) 132.1 132.1  UNIT WIDTH (in.) 21.5 32  UNIT WIDTH (cm) 54.61 81.28  UNIT DEPTH (in.) 33 33  UNIT DEPTH (cm) 83.8 83.8  SHIPPING WEIGHT (lb.) 271 446  SHIPPING WEIGHT (kg) 122.9 202.3	EXPELLANT	Carbon Dioxide	Carbon Dioxide
TEMPERATURE RANGE (° C) -30 to 48.9  AGENT FLOW RATE (lb/sec) n/a n/a  AGENT FLOW RATE (kg/sec) n/a n/a  NOM. DISCHARGE TIME (sec) 30 60  DISCHARGE RANGE (ft.) 10.0 10.0 to 15.0  DISCHARGE RANGE (m) 3.85 3.65 to 4.57  UNIT HEIGHT (in.) 52 52  UNIT HEIGHT (cm) 132.1 132.1  UNIT WIDTH (in.) 21.5 32  UNIT WIDTH (in.) 33 33  UNIT DEPTH (in.) 33 33  UNIT DEPTH (in.) 83.8  SHIPPING WEIGHT (lb.) 271 446  SHIPPING WEIGHT (kg) 122.9 202.3	Operating Pressure @ 70° F	850	850
AGENT FLOW RATE (lb/sec) n/a n/a AGENT FLOW RATE (kg/sec) n/a n/a NOM. DISCHARGE TIME (sec) 30 60 DISCHARGE RANGE (ft.) 10.0 10.0 to 15.0 DISCHARGE RANGE (m) 3.85 3.65 to 4.57 UNIT HEIGHT (in.) 52 52 UNIT HEIGHT (cm) 132.1 132.1 UNIT WIDTH (in.) 21.5 32 UNIT WIDTH (cm) 54.61 81.28 UNIT DEPTH (in.) 33 33 UNIT DEPTH (cm) 83.8 SHIPPING WEIGHT (lb.) 271 446 SHIPPING WEIGHT (kg) 122.9 202.3 USCG APPROVAL	TEMPERATURE RANGE (° F)	-22 to 120	-22 to 120
AGENT FLOW RATE (kg/sec) n/a n/a  NOM. DISCHARGE TIME (sec) 30 60  DISCHARGE RANGE (ft.) 10.0 10.0 to 15.0  DISCHARGE RANGE (m) 3.85 3.65 to 4.57  UNIT HEIGHT (in.) 52 52  UNIT HEIGHT (cm) 132.1 132.1  UNIT WIDTH (in.) 21.5 32  UNIT WIDTH (cm) 54.61 81.28  UNIT DEPTH (in.) 33 33  UNIT DEPTH (cm) 83.8 83.8  SHIPPING WEIGHT (lb.) 271 446  SHIPPING WEIGHT (kg) 122.9 202.3  USCG APPROVAL	TEMPERATURE RANGE (° C)	-30 to 48.9	-30 to 48.9
NOM. DISCHARGE TIME (sec)       30       60         DISCHARGE RANGE (ft.)       10.0       10.0 to 15.0         DISCHARGE RANGE (m)       3.85       3.65 to 4.57         UNIT HEIGHT (in.)       52       52         UNIT HEIGHT (cm)       132.1       132.1         UNIT WIDTH (in.)       21.5       32         UNIT WIDTH (cm)       54.61       81.28         UNIT DEPTH (in.)       33       33         UNIT DEPTH (cm)       83.8       83.8         SHIPPING WEIGHT (lb.)       271       446         SHIPPING WEIGHT (kg)       122.9       202.3         USCG APPROVAL       122.9       202.3	AGENT FLOW RATE (lb/sec)	n/a	n/a
DISCHARGE RANGE (ft.)       10.0       10.0 to 15.0         DISCHARGE RANGE (m)       3.85       3.65 to 4.57         UNIT HEIGHT (in.)       52       52         UNIT HEIGHT (cm)       132.1       132.1         UNIT WIDTH (in.)       21.5       32         UNIT WIDTH (cm)       54.61       81.28         UNIT DEPTH (in.)       33       33         UNIT DEPTH (cm)       83.8       83.8         SHIPPING WEIGHT (lb.)       271       446         SHIPPING WEIGHT (kg)       122.9       202.3         USCG APPROVAL       150.0       150.0       150.0	AGENT FLOW RATE (kg/sec)	n/a	n/a
DISCHARGE RANGE (m)       3.85       3.65 to 4.57         UNIT HEIGHT (in.)       52       52         UNIT HEIGHT (cm)       132.1       132.1         UNIT WIDTH (in.)       21.5       32         UNIT WIDTH (cm)       54.61       81.28         UNIT DEPTH (in.)       33       33         UNIT DEPTH (cm)       83.8       83.8         SHIPPING WEIGHT (lb.)       271       446         SHIPPING WEIGHT (kg)       122.9       202.3         USCG APPROVAL       122.9       202.3	NOM. DISCHARGE TIME (sec)	30	60
UNIT HEIGHT (in.) 52 52  UNIT HEIGHT (cm) 132.1 132.1  UNIT WIDTH (in.) 21.5 32  UNIT WIDTH (cm) 54.61 81.28  UNIT DEPTH (in.) 33 33  UNIT DEPTH (cm) 83.8 83.8  SHIPPING WEIGHT (lb.) 271 446  SHIPPING WEIGHT (kg) 122.9 202.3  USCG APPROVAL	DISCHARGE RANGE (ft.)	10.0	10.0 to 15.0
UNIT HEIGHT (cm) 132.1 132.1 UNIT WIDTH (in.) 21.5 32 UNIT WIDTH (cm) 54.61 81.28 UNIT DEPTH (in.) 33 33 UNIT DEPTH (cm) 83.8 83.8 SHIPPING WEIGHT (lb.) 271 446 SHIPPING WEIGHT (kg) 122.9 202.3 USCG APPROVAL	DISCHARGE RANGE (m)	3.85	3.65 to 4.57
UNIT WIDTH (in.) 21.5 32  UNIT WIDTH (cm) 54.61 81.28  UNIT DEPTH (in.) 33 33  UNIT DEPTH (cm) 83.8 83.8  SHIPPING WEIGHT (lb.) 271 446  SHIPPING WEIGHT (kg) 122.9 202.3  USCG APPROVAL	UNIT HEIGHT (in.)	52	52
UNIT WIDTH (cm) 54.61 81.28  UNIT DEPTH (in.) 33 33  UNIT DEPTH (cm) 83.8 83.8  SHIPPING WEIGHT (lb.) 271 446  SHIPPING WEIGHT (kg) 122.9 202.3  USCG APPROVAL	UNIT HEIGHT (cm)	132.1	132.1
UNIT DEPTH (in.) 33 33  UNIT DEPTH (cm) 83.8 83.8  SHIPPING WEIGHT (lb.) 271 446  SHIPPING WEIGHT (kg) 122.9 202.3  USCG APPROVAL	UNIT WIDTH (in.)	21.5	32
UNIT DEPTH (cm) 83.8 83.8  SHIPPING WEIGHT (lb.) 271 446  SHIPPING WEIGHT (kg) 122.9 202.3  USCG APPROVAL	UNIT WIDTH (cm)	54.61	81.28
SHIPPING WEIGHT (lb.) 271 446 SHIPPING WEIGHT (kg) 122.9 202.3 USCG APPROVAL	UNIT DEPTH (in.)	33	33
SHIPPING WEIGHT (kg) 122.9 202.3 USCG APPROVAL	UNIT DEPTH (cm)	83.8	83.8
USCG APPROVAL	SHIPPING WEIGHT (lb.)	271	446
	SHIPPING WEIGHT (kg)	122.9	202.3
n/a n/a	USCG APPROVAL		
		n/a	n/a

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