

**MODEL 30, 50 AND 150
DRY CHEMICAL WHEELED EXTINGUISHERS
ABC AND PURPLE K
STORED PRESSURE**



MODEL 30



MODEL 50



MODEL 150

USES:

- OFFSHORE DRILLING RIGS
- SHIP DOCKS
- CHEMICAL PLANTS
- TEXTILE MILLS
- FLAMMABLE LIQUID AND GAS PROCESSING PLANTS
- STORAGE AND LOADING AREAS
- AIRCRAFT RAMPS
- REMOTE CONSTRUCTION SITES
- LARGE LABORATORIES

FEATURES:

- Pressurized 50 & 150 lb. units have D.O.T. approved cylinders
- Carts and framing components are made of rugged steel and welded to meet extreme use conditions.
- All steel parts and cylinders are powder coated to withstand 240 hour salt spray testing. Environment corrosion resistant paint also available upon request.
- All units are designed for one man operation. Easily transported through all types of terrain, narrow aisles and door ways. Available in wheel variations as noted on individual specifications sheets. Tires range from 8" x 2", 12.3" x 3.5", and 16" x 4" semipneumatic rubber.
- All brass cylinder valve and hose valve assemblies are chrome plated
- Easy to use quick release, no-kinking hoses.
- These units have two (2) choices of chemical, ABC (multipurpose) ammonium

phosphate based and PK (purple K) potassium bicarbonate based. (Standard chemical not available in 30, 50, and 150 lb. stored pressure units.)

- Optional tow loops available for all models upon request.
- Manufactured to ANSI/UL 299 and ANSI/UL 711 standards.
- Stationary units also available in all sizes and types of agents.

SPECIFICATIONS						
Model Number		W-30HI SB-ABC	W-30HI SB-PK	A-50-SP	K-50-SP	A-150-SP K-150-SP
Part Number		32930	32830	30010	30030	30110 30310
Agent		ABC	PK	ABC	PK	ABC PK
UL Rating		20A:160B:C	160B:C	30A:160B:C	160B:C	40A:240B:C 320B:C
Capacity	LBS	30	30	50	50	125 125
	KG	13.6	13.6	22.7	22.7	56.7 56.7
Shipping Weight	LBS	97	97	193	193	343 343
	KG	44	44	88	88	157 157
Discharge Time - Seconds		35	35	35	34	47 54
Discharge Range	FT	25-30		25-35		30-40
	M	7.62 - 9.1		7.62 - 10.66		91 - 12.22
Cylinder Charge Pressure	PSI	195		240		240
	KPA	1340		1656		1656
Operation Temperature Range	°F	-65 - +120		-40 to + 120		-65 to +120
	°C	-54 - +49		-40 to + 49		-54 to +49
Hose Length	FT	25		25		50
	M	7.6		7.6		15.2
Hose Diameter	IN	.50		.50		.75
	CM	1.27		1.27		1.90
Wheels, Diameter	IN	8 x 2		12.3 x 3.5		16 x 4
	CM	20.32 x 5.08		31.25 x 8.89		40.64 x 10.16
Height	IN	37		47		128.27
	CM	93.98		119.38		66.04
Width	IN	19		24		26
	CM	48.26		60.96		66.04
Depth	IN	19		26.5		38
	CM	48.26		67.31		96.52

CM		48.26		67.31		96.52	
USCG Approved	Type A – Size	II	–	II	–	II	–
	Type B:C Size	IV	IV	V	V	V	V

**MODEL 150
PRESSURE TRANSFER & REGULATED
WHEELED FIRE EXTINGUISHER**



SPECIFICATIONS

Model Number		A-150-RG*	S-150-RG	K-150-RG*	A-150-RG*	S-150-RG	K-150-RG*	A-150-PT	S-150-PT	K-150-PT
Part Number		31120	31220	31320	31140	31240	31340	31110	31210	31310
Agent		ABC	STD	PK	ABC	STD	PK	ABC	STD	PK
UL Rating		40A:240B:C	240B:C	320B:C	40A:240B:C	240B:C	320B:C	40A:240B:C	240B:C	320B:C
Capacity	LBS. KG	125 56.7	150 68.0	125 56.7	125 56.7	150 68.0	125 56.7	125 56.7	150 68.0	125 56.7
Shipping - WEIGHT	LBS. KG	388 176.0	413 187.3	388 176.0	482 218.6	507 230	482 218.6	343 155.6	368 166.9	343 155.6
Discharge Time - SECONDS		43	48	57	43	48	57	45	43	54
Discharge Range	FT. M		30-40 9.1 - 12.22			30-40 9.1-12.22			30-40 9.1 - 12.22	
Nitrogen Cylinder Charge Pressure	PSI KPA		2015 13903.50			2015 13903.50			2015 13903.50	
Nitrogen Cylinder Size	CU. FT. LITRE		110 3114.87			110 3114.87			23 651.29	
Operation Temperature Range	°F °C		-65 to +120 -54 to +49			-65 to +120 -54 to +49			-65 to +120 -54 to +49	
Hose Length	FT. M		50 15.2			50 15.2			50 15.2	
Hose Diameter	IN. CM		.75 1.90			.75 1.90			.75 1.90	
Wheels, Diameter	IN. CM		16 x 4 40.64 x 10.16			36 x 2.5 91.44 x 6.35			16 x 4 40.64 x 10.16	
Height	IN. CM		50 127.00			54.5 138.43			50 127.00	
Width	IN. CM		24 60.96			32 81.28			24 60.96	
Depth	IN. CM		41.5 105.41			46 116.84			41.5 105.41	

**MODEL 350
PRESSURE TRANSFER & REGULATED
WHEELED FIRE EXTINGUISHERS**



SPECIFICATIONS

Model Number		A-350-RG	S-350-RG	K-350-RG	A-350-PT	S-350-PT	K-350-PT	
Part Number		32120	32220	32320	32110	32210	32310	
Agent		ABC	STD	PK	ABC	STD	PK	
UL Rating		40A:320B:C	320B:C	320B:C	40A:320B:C	320B:C	320B:C	
Capacity	LBS. KG	300 136.1	350 158.8	300 136.1	300 136.1	350 158.8	300 136.1	
Shipping - WEIGHT	LBS. KG	760 344.7	810 367.4	760 344.7	700 317.5	750 340.2	700 317.5	
Discharge Time - SECONDS		53	59	56	57	50	84	
Discharge Range	FT. M	30-40 9.1 - 12.22			30-40 9.1 - 12.22			
Nitrogen Cylinder Charge Pressure	PSI KPA	2015 13903.50			2015 13903.50			
Nitrogen Cylinder Size	CU. FT. LITRE	220 6229.74			55 1557.43			
Operation Temperature Range	°F °C	-65 to +120 -54 to +49			-65 to +120 -54 to +49			
Hose Length	FT. M	50 15.2			50 15.2			
Hose Diameter	IN. CM	1 2.54			1 2.54			
Wheels, Diameter	IN. CM	36 x 6 91.44 x 15.24			36 x 6 91.44 x 15.24			
Height	IN. CM	58 147.32			58 147.32			
Width	IN. CM	36 91.44			36 91.44			
Depth	IN. CM	48 121.96			48 121.96			

**MODEL 50 AND 100
CARBON DIOXIDE
WHEELED EXTINGUISHERS
SELF CONTAINED PRESSURE**



MODEL 50



MODEL 100

SPECIAL FEATURES

- Universal 50 lb. and 100 lb. cart
- Balanced design for ease of handling
- Rugged steel tubing frame design
- Features wide wheel base (27") for stability
- Ability to be towed by vehicle
- Designed for one person operation
- The Model 100 is the only single cylinder 100lb. CO₂ extinguisher available.

CONSTRUCTION

- Built to ANSI/UL 154 and ANSI/UL 711 Standards
- Operating temperature range -40 Degrees F to 120 Degrees F (-40 Degrees C to 48.89 Degrees C)
- Brass chrome plated valves
- Powder-coated paint to withstand 240 hour salt spray test
- 16" full pneumatic rubber wheels
- Spun steel cylinders-3A-2015
- reinforced wire braided 1/2" inside diameter hose length per unit:
Model 50-15 ft. long
Model 100-40 ft. long

OPTIONAL FEATURES

- 16" steel wheels excellent on rugged and abusive surfaces in foundries and solvent environments
- 16" semipneumatic solid rubber wheels non-susceptable to flats.
- Tow ring-field added- provides positive means of vehicle towing: features military lunette eye connection

INDUSTRIAL USES

- Chemical Plants
- Manufacturing Plants
- Oil Rigs
- Rail Yards
- Warehouses
- Construction Sites
- Large Laboratories
- Parking Garages
- Airport Ramps
- Boat Docking

SPECIFICATIONS: PRODUCT

Model No.	Part No.	U.L. Rating	U.S.C.G. Type B:C Approved	Charge Weight	Height in/cm	Width in/cm	Depth in/cm	Discharge Range Ft/m	Discharge Time (sec.)	Shipping (Wt.LBS.)
50	35050	20B:C	SIZE IV	50 LB.	60/152.4	30/76.2	21/53.3	15/4.6	40 ± 5	250
100	35100	20B:C	SIZE V	100 LB.	65/165.1	30/76.2	21/53.3	15/4.6	80 ± 5	390

**WHEELED Halotron™ I
65 LB. AND 150 LB.
CLEAN GAS STORED PRESSURE
FIRE EXTINGUISHERS**



MODEL W-65 Halotron™ I



MODEL W-150 Halotron™ I

**Halotron™ I
EXTINGUISHING MECHANISM
AND FEATURES**

Halotron™ I is a clean fire extinguishing agent that is discharged as a precisely dispersed rapidly evaporating (i.e. volatile) liquid.

The primary extinguishing mechanism of Halotron™ I is the absorption and removal of heat from the combustion zone.

To a much lesser extent, the extinguishing mechanism is the displacement of oxygen from the combustion zone.

APPLICATIONS

Extremely valuable, delicate and sensitive hazards or areas where other dry or wet chemicals including water could cause irreplaceable damage. This clean agent leaves no residue. USE in such locations as airports, storage facilities, manufacturing plants, processing operations, rail yards, utility relay stations and flammable liquid and gas processing facilities.

FEATURES

- DOT approved cylinders with chrome plated brass valve assemblies. Cylinders are manufactured to DOT specification 4BW240. Valves are designed and manufactured to Buckeye's rigid standard of quality.
- Highly visible pressure-indicating gauge.
- Cylinders and carriages are shot blasted, primed and coated with the finest polyurethane powder paint finish that exceeds Underwriter's Laboratories salt spray requirements.
- TOW Loops are available upon request for the 65 lb. unit and standard on the 150 lb unit.
- All Booster hoses are Underwriter's Laboratories listed, coupled with brass chrome plated fittings. Hose lengths are as shown in the specification chart.
- All units are equipped with all weather semipneumatic 16 in diameter, 4 in. wide tires that allows for easy moveability through narrow doors and walkways by a single operator.
- Built to ANSI/UL 1093 and 711 standards.

STATIONARY UNITS ARE ALSO AVAILABLE SIMILAR TO ABOVE LESS WHEELS AND TOW LOOP.

Specifications:	W-65	W-150
Model Number	Halotron™ 1	Halotron™ 1
Part Number	76500	71500
Agent	Halotron™ 1	Halotron™ 1
Capacity: LBS / Kg	65 / 29.5	150 / 68
U.L. Rating	4A:40B:C	10A:80B:C
Operating Temperature	F: -40° to + 120° C: -40° to + 49°	F: -40° to + 120° C: -40° to + 49°
Argon Change	PSI: 125 kPa: 862.5	PSI: 125 kPa: 862.5
Hose Length: Ft. / Meters	25 / 7.62	40 / 12.19
Hose Diameter: Inches / Cm	3/4 : 1.90	3/4 :1.90
Wheels Semi Pneumatic: Inches / Cm	16x4 : 40.64x10.16	16x4 : 40.64x10.16
Height: Inches / Cm	50 / 127	62 / 157.5
Width: Inches / Cm	24 / 60.96	24 / 60.96
Depth: Inches / Cm	41.5 / 105.41	41.5 / 105.41
Shipping Weight: LBS / Kg	300 / 136	480 / 218
Cylinder Test Pressure: LBS / kPa	480 / 1656	480 / 1656
Cylinder Burst Pressure: LBS / kPa	1200 / 8280 Minimum	1200 / 8280 Minimum
Discharge Time: Seconds	17	23
Discharge Range: Feet / Meters	15-25 / 4.57-7.62	23-35 / 7.62-10.67
USCG Approval	N/A	N/A

STATISTICAL DATA

ATMOSPHERIC LIFETIME
3.5 TO 11 YEARS

GLOBAL WARMING POTENTIAL (GWP)
Halotron™ I has a low GWP in the range between 0.04-0.24 (CFC-11-1-0).

OZONE DEPLETION POTENTIAL (ODP)
Halotron™ I has an extremely low ODP of no more than 0.014 (CFC-11-1-0). Halon 1211 has an ODP that is Greater than 4.0. The ODP of Halotron™ I is more than twelve times lower than the EPA maximum permissible ODP of 0.20.

ELECTRICAL NONCONDUCTIVE
Does not cause thermoshock on sensitive electrical equipment.

Halotron™ I is a HydroChloroFluoroCarbon nonconductive agent pressurized with argon. Approved by the EPA and FAA as HCFC blend B for use on class "A," "B," and "C" type fires. This agent is an excellent replacement for Halon 1211.

PRODUCT DESCRIPTION

A comparison of Halon 1211 and Halotron™ I chemical properties is presented on the chart below. As you will see, the very low Ozone Depletion Potential (ODP) of Halotron™ I is less than one-tenth of the EPA's maximum acceptable level. Halotron™ I also meets Global Warming Potential (GWP) and toxicity standards.

Halon 1211 and Halotron™ 1 Comparison

Property	Halon 1211	Halotron™ 1
Chemical Formula 1	CF ₂ ClBr	C ₂ H ₃ F ₃ (HCFC-123)
Ozone Depletion Potential (ODP) (CFC-11=1.9)	4	0.014
Global Warming Potential (GWP) ² (CFC-11=1.9)	Not Calculated	0.04 to 0.24
Atmospheric Lifetime in Years 3	12.5 to > 25	3.5 to 11
Molecular Weight	165.4	150.7
Boiling Point	-4°C (25°F)	27°C (90.6°F)
Liquid Density at 25°C (76°F)	1.79kg / Ę (111.6 lbs/cu.ft)	1.48kg / Ę (92.3 lbs/cu.ft)
Vapor Pressure at 25°C (76°F)	2.67 bar (38.7 psi)	6.55 bar (95 psi) ⁴
Extinguishing Concentration n-heptane Cup Burner	3 - 5% by volume	6 - 7% by volume
Extinguishing Concentration REMP Method 5	4 - 5	6 - 7
Acute Toxicity: CardioloX LOAEL 6 (Lowest Observed Adverse Effect Level)	1.0%	2.0%
Acute Toxicity: CardioloX NOAEL 6 (No Observed Adverse Effect Level)	0.5%	1.0%
Acute Toxicity: ALC, LC (4 hrs)	3.1 to 10%	> 3%

Footnotes:

1. Halotron is a proprietary blend of HCFC-123 an inert material.
2. calculated Values from a range of environmental models
3. At 1 atmosphere, 70% fill ratio, 1 kg / Xfilling density
4. In a typical storage container (vapor pressure of liquid alone is less)
5. Method developed at Lund University, Sweden, ratio of agent to fuel using propane
6. Data from U.S. EPA.