

## Pick Head Axe

Precision balanced for safe handling. 6-lb. head with 36" hickory or fiberglass handle. Shown with protector.



## Flat Head Axe

Perfectly balanced for fast-cutting or hard driving. 6-lb. head with 36" hickory or fiberglass handle.



### Ordering Information

Part No.	Description
10-97015	Pick head axe, 6-lb. with hickory handle
10-97016	Pick head axe, 6-lb. with fiberglass handle
10-97017	Flathead axe, 6-lb. with hickory handle
10-97018	Flathead axe, 6-lb. with fiberglass handle
10-97028	Axe holder with spring tension clip, 2-pc. set, chrome plated
10-97049	Red Vinyl Axe pick cap protector

## Pry Bars

Drop forged high grade steel, heat treated, pinch point



### Ordering Information

Part No.	Description
10-97025	12-lb. 51" pry bar, pinch point, 1-1/8" shank diameter
10-97026	18-lb. 60" pry bar, pinch point, 1-1/8" shank diameter
10-97027	2-pc. spring loaded holding bracket for pry bar, chrome plated



Hooligan

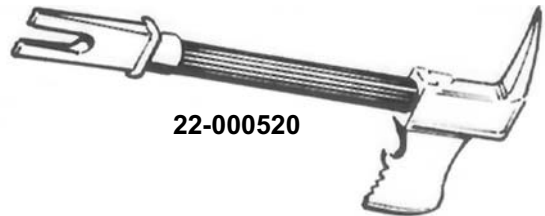
## Paratech® Hooligan Tool

With Standard Claw (Electroless Nickel Finish)

Part No.	Length
22-000599	24"
22-000600	30"
22-000601	36"
22-000602	42"

## Paratech® Pry-Axe

Part No.	Description
22-000522	Pry-Axe Only w/ Metal Cutting Claw
22-000520	Pry-Axe Only w/ Standard Claw
22-000505	Leather Sheath Only



22-000520

## Heavy Duty Bolt Cutters



### Ordering Information

Part No.	Description
10-97055	Bolt cutter, 18" length, 5/16" capacity
10-97056	Bolt cutter, 24" length, 3/8" capacity
10-97057	Bolt cutter, 30" length, 7/16" capacity
10-97058	Bolt cutter, 36" length, 1/2" capacity
10-97059	Bolt cutter, non-conductive, 36" length, 1/2" capacity



## Ultra-Lite Pike Pole

The "ULTRA-LITE" pike poles are made of 1-1/4" hollow round shaped, yellow fiberglass creating a heavy duty pike pole that is light weight and designed to handle comfortably. The "ULTRA-LITE" rod uses a continuous strand of fiberglass mat with unidirectional roving fiberglass to give it maximum strength. The fiberglass poles will not rust, corrode or dry rot. They are tough, durable, electrically resistant and like all fiberglass products require no maintenance.

## Double Ultra-Lite Pike Pole

The "DOUBLE ULTRA-LITE" pike pole has all the same quality features of the "ULTRA-LITE" except the 10' or 12' pike pole can be shipped in two parts via UPS saving you many dollars in truck freight. Underneath the non-slip grip is a round, metal sleeve, that has been attached with two spring steel roll pins and reinforced with wood. All you have to do is insert the rod with the pike pole head into the sleeve and drive in the two roll pins, creating a heavy duty, one piece pike pole.

## I-Beam Pike Pole

The "I-BEAM" pike pole has the same heavy duty construction that you have been accustomed to over the years. It is shaped like a massive "I-BEAM" yet slightly rounded to fit your hand and is constructed from a one piece pulltrusion of solid fiberglass. All of our heads are designed to fit perfectly over the "I-BEAM" rod and are held solidly in place with two spring steel roll pins. No epoxy is required to hold the pike pole head in place. Along the edge of the pole is a thumb groove so that you always know the direction of the hook on the end of the pole. The opposite end of each "I-BEAM" pike pole is fitted with a heavy duty rubber bumper so the fiberglass rod does not fray or split.

### Ordering Information - Safety Yellow Fiberglass

Ultra-Lite Part No.	Double Ultra-Lite Part No.	I-Beam Part No.	Description
UL-3	-	IB-3	3 ft. long with standard USA hook
UL-3D	-	IB-3D	3 ft. long with standard USA hook and "D"-Handle
UL-4	-	IB-4	4 ft. long with standard USA hook
UL-4D	-	IB-4D	4 ft. long with standard USA hook and "D"-Handle
-	-	IB-5	5 ft. long with standard USA hook
UL-6	-	IB-6	6 ft. long with standard USA hook
UL-8	-	IB-8	8 ft. long with standard USA hook
UL-10	UL-DG-10	IB-10	10 ft. long with standard USA hook
UL-12	UL-DG-12	IB-12	12 ft. long with standard USA hook
-	-	IB-14	14 ft. long with standard USA hook

Note: Add to part number for hook other than standard USA style: Dry Wall Hook - DWH, Rubbish Hook - RH, D-Handle - DH



USA Hook (Standard)



Dry Wall Hook



Rubbish Hook



D-Ring Handle

## Super Vac Cloud 9 Smoke Machine

Are you still using the old type of smoke machine that requires burning glycol, to produce training smoke? Burning glycol causes multiple problems; rapid smoke dissipation, nozzle clogging, and the need for thorough cleaning after every use, to prevent equipment failure. Additionally, glycol based smoke leaves a residue on exposed surfaces, and is uncomfortable when inhaled. All of these problems disappear in a puff of smoke, when using Super Vac's Cloud 9 mineral oil based smoker! The smoke produced is a pure white, with superior hang time for effective training purposes, and leaves no residue on surfaces, or inhalation discomfort. And the Cloud 9 Smoke Machine, needs no cleaning, ever, due to the exclusive, Automatic Clean Cycle (ACC) that kicks in at the end of every use of the machine.



Note: Handle folds down for compact storage.

### Ordering Information

Part No.	Description
S-975	Cloud 9 Smoker, 110 VAC, Complete
S-995	Cloud 9 Super Smoker, 220 VAC, Complete
S-901	Oil Base Fluid 4x1 gallon Bottles
S-903	Oil Base Fluid 6.6 gallon Container
S-905	Oil Base Fluid 55 gallon Drum
S-921	Gas Regulator
S-923	5 lbs. CO2 Cylinder
S-925	Gas Hose, 16"
S-935	50 ft. Remote Control Extension
S-939	100 ft. Remote Control Extension

### Specifications

- Smoke Production: 2,500 cfm
- Fluid Type: code red-oil based (SVOSF)
- Fluid Consumption: 3 hrs./gallon @ 40 psi
- CO2 Consumption: 2.2 lbs./hr. @ 40 psi
- Particle Size: 1 micron
- Dimensions: 19" D x 22" W x 21" H
- Weight: 82 lbs.

## Superior Smoke Candle

The Superior method of generating smoke by chemical reaction provides smoky atmospheres for training exercises involving the use of self contained breathing apparatus. The smoke has excellent obscuring power and pungent odor revealing inadequate protection. Superior Smoke items contain no explosive materials and are the only devices of this nature acceptable in the mails. It has a T.O.P (total obscuring power) of 2100. T.O.P. is the scientific method of determining the relative efficiency of smoke generated by a given unit of smoke composition. By comparison, Superior Smoke has a T.O.P. ten times greater than crude oil.

### Ordering Information

Part No.	Description
3C-SB	Smoke candle, generates 40,000 cubic feet of whitish gray smoke while burning two to three minutes, size 1" x 6"



# FENWAL® DETECT-A-FIRE® THERMAL FIRE DETECTORS

DETECT-A-FIRE® thermal detectors are UL Listed, UL of Canada available upon request, and FM Approved detection and release devices used with fire detection systems to activate alarms and actuate extinguishing systems. This Rate Compensated device combines the best features of both fixed temperature and rate-of-rise detectors.

## Features:

- Explosion Proof
- Self-Restoring Detector Element
- Models Available in both Normally Open and Normally Closed Contacts in a Wide Range of Temperature Settings
- Factory Set and Hermetically Sealed in Stainless Steel Shell
- UL Listed, FM Approved



Normally Opened Contacts Part No.	Normally Closed Contacts Part No.	*F Setting	*F Tolerance	UL	ULC	FM	Color Coding
27121-140	27120-140	140	+7/-8	50	50	25	Black
27121-160	27120-160	160	+7/-8	25	25	25	Black
27121-190	27120-190	190	+7/-8	50	50	25	White
27121-210	27120-210	210	+7/-8	25	50	25	White
27121-225	27120-225	225	+7/-8	25	50	25	White
27121-275	27120-275	275	±10	25	50	25	Blue
27121-325	27120-325	325	±10	50	50	25	Red
27121-360	27120-360	360	±10	25	50	25	Red
27121-450	27120-450	450	±15	25	50	25	Green
27121-500		500	±15	50	50	25	Orange
27121-600		600	±20	N/A	50	25	Orange
27121-725		725	±25	N/A	50	25	Orange

**Note:** For clean agents and CO<sub>2</sub> suppression systems, ceiling spacing 20 ft. (6.1 meters) apart unless otherwise specified.

## Location

DETECT-A-FIRE® Units are precision temperature sensors. They must be mounted in an area (normally a ceiling) so that:

1. The detector spacing complies with both system requirements and requirements of the agency having local jurisdiction.
2. The thermal air path to the shell is not obstructed.

Spacing per UL, FM, and UL of Canada is shown in the above table. Distances given are for between units on smooth ceilings. Distance from partitions or walls are half that shown. To assure that all spacing requirements are met, consult the authority having local jurisdiction.

## Mounting

Detect-A-Fire units are not position sensitive. Horizontal and vertical detectors refer to the most common mounting configuration for that unit. However, each type can be mounted either horizontally or vertically depending on the application and installation requirements.

**Call Our Project Group or Estimating Team for a Quotation**

Protectowire Linear Heat Detector is a proprietary cable that detects heat anywhere along its length. The sensor cable is comprised of two steel conductors individually insulated with a heat sensitive polymer. The insulated conductors are twisted together to impose a spring pressure between them, then wrapped with a protective tape and finished with an outer jacket suitable for the environment in which the Detector will be installed.

Protectowire is a fixed temperature digital sensor and is therefore capable of initiating an alarm once its rated activation temperature is reached. At the rated temperature, the heat sensitive polymer insulation yields to the pressure upon it, permitting the inner conductors to move into contact with each other thereby initiating an alarm signal. This action takes place at the first heated point anywhere along the Detector's length. It does not require that a specific length be heated in order to initiate an alarm nor is system calibration necessary to compensate for changes in the installed ambient temperature. Protectowire Linear Heat Detector provides the advantages of line coverage with point sensitivity.

## Protectowire Features & Benefits:

- Identifies and displays, at the control panel, the alarm location anywhere along its length when used with the exclusive Protectowire Alarm Point Location Meter.
- Sensitivity not effected by changes in ambient temperature or length of cable used on the detection circuit. Compensating adjustments are not required.
- Steel inner conductors and select outer jackets, provide resistance to mechanical damage.
- Simple to install and splice with common tools. Junctions can be made without effecting the integrity of the system.
- Compatible with other types of alarm initiating devices on the same circuit such as manual pull stations, thermal heat detectors and smoke detectors.
- Can be installed in hazardous areas when used with suitably approved Protectowire Control Panels.
- Full range of temperatures and models available to accommodate the most demanding applications.
- Different temperature detectors may be utilized in the same initiating circuit.
- Available on stainless steel messenger wire for installations where mounting is difficult such as large open areas.
- Portable test equipment available for easy field service.
- Ideally suited for activation of extinguishment equipment, such as deluge or pre-action sprinkler systems.



## Ideal Protection for Fixed and Floating Roof Tanks

Protectowire Linear Heat Detection is a simple, cost effective form of fire detection that is easily adapted to both fixed and floating roof tanks. This system easily adapts to retrofit or new installations, and is available with intrinsically safe circuits. On fixed tanks, Protectowire can be installed to monitor gauge points, vent areas, or manholes. In floating roof tanks, Protectowire is installed around the perimeter of the rim seal area in order to provide continuous monitoring for overheat and fire along its continuous length.

**We Can Provide System  
Design As Well As  
Installation Supervision**

**Call Our Project Group or Estimating Team for a Quotation**

**CALL**  
800.833.0247  
281.479.9700

**FAX**  
800.282.4365  
281.479.6321

**CALL US TODAY**

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