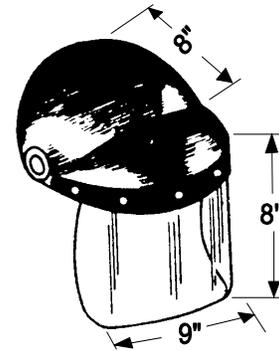


## SECTION F

### FACE SHIELD - INDUSTRIAL

NSN 4240-00-542-2048

WT. 0.8 lbs. VOL. 640.0 in<sup>3</sup>



**DESCRIPTION:** Head cover with hinged face protector.

**USE:** Used in electrical emergency repairs.

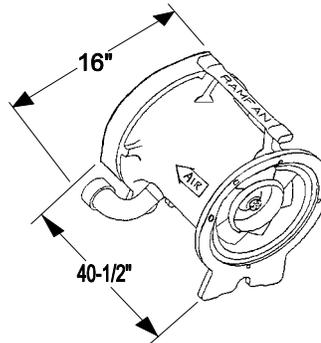
**USE TIP:** Also used for other industrial activities such as grinding, hammering, sharpening, etc.

**REF:** Electrical Repair Kit.

### FAN - WATER DRIVEN

NSN 4140-01-333-2224

WT. 35.0 lbs. VOL. 2,448.0 in<sup>3</sup>



**DESCRIPTION:** This portable water-driven fan is a high velocity blower that provides 2,500 cfm with 10" ducts and powered by a high speed water turbine. The turbine is driven by water from the ship's firemain or the P-100 emergency fire pump through a standard 1-1/2" fire hose. The inlet water coupling is equipped with a wire mesh strainer to prevent large particles from obstructing water flow to the turbine (Replacement for Red Devil Blower).

**USE:** Used for emergency ventilation and desmoking and bulkhead cooling while maintaining fire boundaries. Discharge water is directed overboard through navy standard 1-1/2" fire hose via an overboard discharge connection or by directing the fire hose over the side. The water-driven fan will operate with inlet water pressure from 50 to 180 PSIG, and its performance still varies according to the inlet water pressure and the discharge water back pressure. As in any turbine-driven piece of equipment, it is the pressure drop across the turbine that provides the power to drive the equipment. Low inlet water pressure, clogged inlet straining, or a high back pressure on the discharge water hose will reduce the fan's performance.

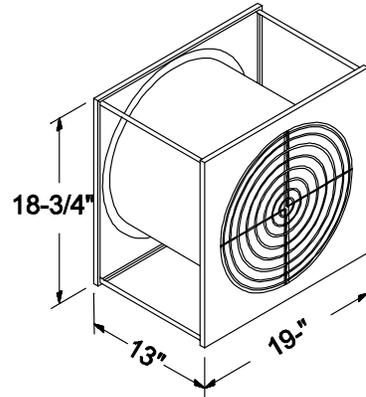
**USE TIP: Note:** *The strainer **must** be inspected and cleaned to insure proper operation of the water-driven fan.* Care must be taken when running the supply and discharge water hoses, as kinks in either hose can adversely affect the fan's performance. It is approved for use in explosive atmospheres. A 10" x 15' vent hose is used with the water-driven fan. Use adapter NSN 4730-01-378-5288 for connecting the vent hose. 50 psig water pressure will move about 700 cfm of air. 180 psig water pressure will provide optimum air movement of 2500 cfm. Also may be used with mister attachment.

**REF:** MIP/MRC numbers 6641/006, 25B9 WKN, 63B9 WLN. Desmoking Equipment Kit.

**FAN - TUBEAXIAL – 3200 cfm  
(BOX FAN)**

**NSN 4140-01-272-6060**

**WT.** 51.0 lbs.                      **VOL.** 4,692.0 in<sup>3</sup>



**DESCRIPTION:** The portable, electric driven, 115 v. medium capacity fan is a tube axial type. It provides 3200 ft<sup>3</sup> per minute with no ventilation hose attached.

**USE:** This fan is intended for use without any ventilation. It supplements existing portable fans by providing a rapid desmoking capability of spaces near the weather. When certified explosion proof, the fan is approved for use in explosive atmospheres such as gasoline, benzene, butane, hexane, propane, naphtha, alcohol, and lacquer solvent vapors.

**USE TIP:** The fans may be set in tandem, hung or stacked at openings. **Note:** *The fan is certified explosion proof when it has an intact security seal and wire threaded through one of its motor through bolts.*

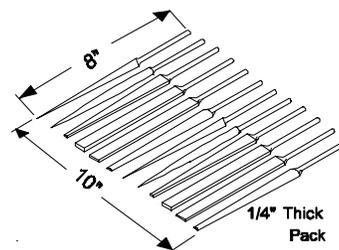
**REF:** Refer to the medium capacity fan's tech manual S9512-CA-MMC-010-93457 for further information. MIP/MRC numbers are 6641/006 and 25B9 AUN. Desmoking Equipment Kit.

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**FILE SET - HAND**

**NSN 5110-00-204-2685**

**WT.** 2.4 lbs                      **VOL.** 20.0 in<sup>3</sup>



**DESCRIPTION:** Assorted needle files in plastic case. One each: barrette, crossing, equaling, flat, half-round, joint (round edge), knife, marking (half-round), round, slitting, square, and three-square. 6-1/4 inches.

**USE:** Files various surfaces to make them smooth.

**USE TIP:** Clean with metal brush after each use.

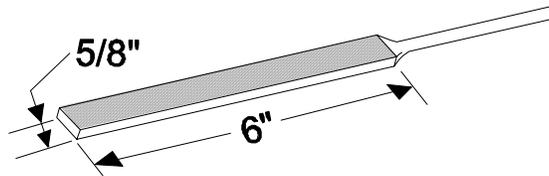
**REF:** Damage Control Petty Officer (DCPO) Kit.

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**FILE - HAND**  
SMITH 6-1/4"

**NSN 5110-00-234-6532**

**WT.** 3.0 oz      **VOL.** 0.5 in<sup>3</sup>



**DESCRIPTION:** Hand held file, 6 inches x 5/8 inch, Style C.

**USE:** Used to sharpen tools, remove burrs, clean surfaces, smooth cuts on metal surfaces.

**USE TIP:** Clean with a metal brush after each use.

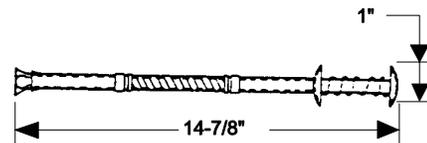
**REF:** Damage Control Petty Officer (DCPO) Kit.

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**FINGER - MECHANICAL**

**NSN 5120-00-629-6258**

**WT.** 3.0 oz      **VOL.** 2.8 in<sup>3</sup>



**DESCRIPTION:** Mechanical pick-up tool.

**USE:** Used for retrieving screws, bolts, nuts, etc, from tight or inaccessible places.

**USE TIP:** Return to kit after use.

**REF:** Damage Control Petty Officer (DCPO) Kit.

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**FIREFINDER**  
SENSOR, PORTABLE INFRARED HEAT

**NSN 4210-01-207-9687**

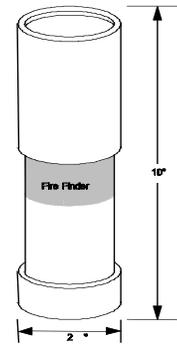
**WT.** 2.0 lbs      **VOL.** 50.6 in<sup>3</sup>

**DESCRIPTION:** Infrared heat sensor will detect a small hot spot.

**USE:** Indicates the way to the fire area without demanding any eye attention. Operates in all sunlight or in dense smoke and gives an instantaneous audible alarm where the pitch is proportional to the temperature of the fire.

**USE TIP:** NDI equipment. Two per DCRS. Uses 9 volt battery. It has an audible self test to indicate condition of batteries and electronics.

**REF:** Investigator Kit.



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**FLAGS - COMMUNICATION**  
PROVIDED BY OPS DEPT  
(RESCUE & ASSISTANCE)

**NSN 8345-00-946-7899**

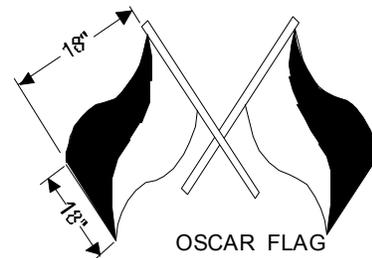
**WT.** 0.5 lbs.      **VOL.** 20.0 in<sup>3</sup>

**DESCRIPTION:** Hand held oscar flags.

**USE:** Used by the rescue and assistance team signalman when semaphore communications are needed.

**USE TIP:** Store in DCREL. Replace flags when they become torn.

**REF:** DC Rescue and Assistance Reentry Locker (DCREL)



**FLANGES - BLANK**

1" TO 4"

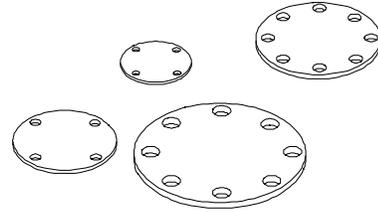
ASSORTED SIZES

MANUFACTURED BY SHIPS FORCE

GEN NOTE: NOT FOR USE IN LINES

EXCEEDING 400 PSI.

(4 BOLTS, 8 BOLTS  
PATTERN MAY BE  
USED.)



**1HS0000-LL-CJ7-5885**

**WT.** 102.8 lbs.

**VOL.** 85.0 in.<sup>3</sup>

6-1/8" DIA.,  
SIZE TYPICAL,  
THICKNESS VARIOUS

**DESCRIPTION:** A blank flange is a flat plate of heavy metal, circular in shape, and provided with standard bolt holes. A gasket of sheet packing is normally used with most low pressure flanges, and special gaskets on steam lines. Whenever possible, such gaskets should be used, even when making rapid repairs during battle to prevent excessive leakage.

**USE:** Used to blank pipe lines.

**USE TIP:** Not intended for lines exceeding 400 PSI. Tighten bolts opposite of each other to apply even pressure. C-clamps may be used as a temporary securing device. The flange will carry as much pressure as the line was designed to hold.

**REF:** NAVSEA Drawing No. 804-5959235 is the guide for making the flanges. Parent AEL.

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**FLASHLIGHT - INVESTIGATOR**

**NSN 6230-01-281-3775**

**WT.** 1.5 lbs

**VOL.** 62.5 in<sup>3</sup>



**DESCRIPTION:** Flashlight with a 30 hour lamp, made of industrial grade resin. Watertight to 2,000 ft. Produces a tightly focused white light beam.

**USE:** Used by DC personnel to provide portable lighting.

**USE TIP:** NDI equipment. Two per DCRS. Spare xenon high performance laser spot lamp, module part # 2000LMS.

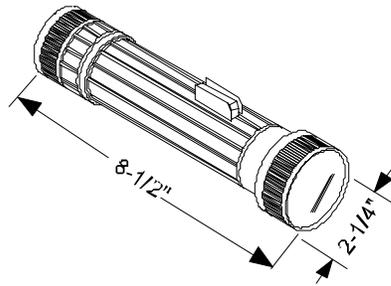
**REF:** Investigator's Kit.

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**FLASHLIGHT - WATERPROOF**

**NSN 6230-00-270-5418**

**WT.** 3.0 oz      **VOL.** 43.1 in<sup>3</sup>



**DESCRIPTION:** Watertight plastic body. Ring type mounting, with two lamps, switch, replaceable battery feature, and removable light filters. Fixed and flashing light beam.

**USE:** Used by DC personnel to provide portable lighting.

**USE TIP:** Uses two "D" cell batteries.

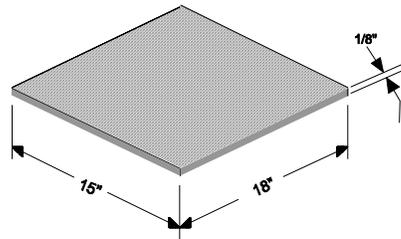
**REF:** Investigator Kit.

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**FLOOR MATTING - RUBBER  
ELECTRICAL REPAIR**

**NSN 7220-00-267-4630**

**WT.** 7.0 lbs.      **VOL.** 67.5 in<sup>3</sup>



**DESCRIPTION:** Type II, smooth surface. 25 yd L x 1 yd W x .125. 1/8" inch thick rubber matting. Cut piece shown.

**USE:** Protects personnel against accidental exposure to electrical potentials not exceeding 3000 volts.

**USE TIP:** The mat is cut to required length to be provided with kit.

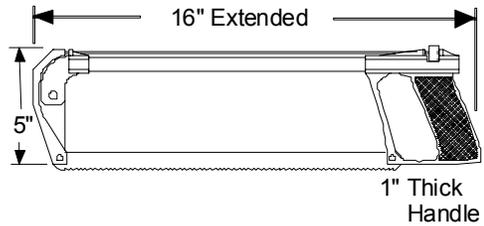
**REF:** Electrical Repair Kit.

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**FRAME - HAND HACKSAW**

**NSN 5110-00-289-9657**

**WT.** 2.4 lbs.      **VOL.** 90.2 in.<sup>3</sup>



**DESCRIPTION:** Pistol-grip hacksaw frame. Bright chrome or nickel-plated steel flat frame, adjustable for 10 in or 12 in. Four 90° blade positions tensioned by wing nut. Sure-grip composition handle.

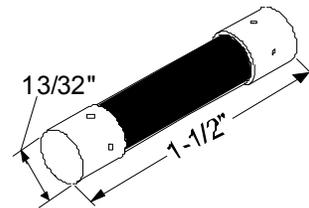
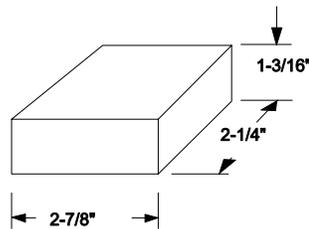
**USE:** Used to cut metal, pipe, or bolts of damaged sections for replacement.

**USE TIP:** When inserting blade, assure teeth are pointing forward. All metal tools shall be insulated to prevent electrical shock.

**REF:** Electrical Repair Kit. Engineering Space Kit. NSTM 300

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**FUSE – 15 AMP QUICK ACTING  
SUB-PUMP  
CARTRIDGE 440V  
10 AMP TIME DELAY**



**NSN 5920-00-823-0751**

**WT.** 0.4 lbs.      **VOL.** 12.1 in.<sup>3</sup>

**DESCRIPTION:** Box of three fuses.

**USE:** Used for submersible pumps. Three fuses are used in each switch box for the 3 phases.

**USE TIP:** During emergencies, fuses required in DCRS zone of responsibility should be obtained from the electric shop. Ships order fuses for DCRS area of responsibility.

**REF:** Electrical Repair Kit.

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