

**CATEGORY 6: MOTORIZED FLOOR CLEANING EQUIPMENT & ACCESSORIES
ITEM PURCHASE DESCRIPTIONS**

NSN 7910-00-526-1959

CLEANER, VACUUM, ELECTRIC: Shall be Tiger-Vac Inc., P/N 110251A (Model EXP1-15(4W) RE HEPA) or equal with the following requirements and characteristics:

Explosion proof and dust ignition proof, wet/dry, electric vacuum cleaner with filter, designed for use in Class I, Group D, and Class II, Groups E, F and G atmospheres, as defined in NFPA 70, National Electric Code. Vacuum cleaner shall be UL listed and have the following characteristics:

Characteristic	Minimum Requirement
Stainless Steel tank	22 gauge
Tank Size	15 gal
Wet capacity	12 gal
Dry capacity	10 gal / 1.5 cu.ft.
Voltage	115 V
Airflow	120 cfm
Waterlift	69"
Power cord	14/3 50'
Filter (polypropylene cloth or equivalent)	3-5 cfm, 48 x 24 count weave, 12.5 oz /sq. yd. 13.3 ply
Caster/wheel size	3" dia.
Owner's / Operating manual	Included
Tool Kit(*):	Included
Hose	1-1/2" 10'
Round brush	Included
Crevice tool	Included
Extension wand	Included
Conical nozzle	Included
Floor tool	Included
Squeegee	Included

* At the supplier's option, additional tools may be included in the tool kit

Unit of issue - EA (one complete system with tools)

NSN: 7910-00-550-9111

CLEANER, VACUUM, ELECTRIC: Shall be Tiger Vac Model AS-400, MR HEPA (W&D), Part Number 110776A, or equal, Pullman Ermator Model 45HEPA-WD, Wet/Dry, Part Number B160487, or equal, HEPA wet and dry vacuum cleaner designed for wet and dry pickup and shall be in accordance with the following requirements and characteristics:

Type - Wet and dry pickup
Size - 10 gallons (37.9 L)
Voltage - 120 Vac, 60 Hz, single phase

Fire and Casualty Hazards: Vacuum cleaners shall meet the applicable requirements of UL 1017. Evidence of conformance with UL standards shall be a UL label(s) or listing mark(s), or a certified test report (based on tests conducted within the past two years) from an independent testing laboratory acceptable to the Government, indicating the vacuum cleaner has passed all applicable tests.

GENERAL Construction:

Each cleaner shall be complete, lubricated, and ready to operate with one each of all required filters, as well as included attachments (minor assembly is permitted).

Wet pickup: Cleaners with wet pickup capability shall be provided with an automatic shutoff mechanism and accessories required to convert the machine from wet to dry pickup.

Power switch and controllers: Each cleaner shall be provided with a quick make and break type power switch.

Power cord: The power cord assembly shall have three conductors and a three-prong attachment plug, and shall have a minimum length of 24 feet.

Power cord storage: Each cleaner shall be provided with a means for coiling, wrapping, or otherwise storing the power cord when the cleaner is not in use.

Filtration system: The filtration system shall consist of a primary filter, wet pickup separator, and tank assembly. When employed for dry pickup, the primary filter shall be employed. When converted for liquid retrieval, the separator and automatic shutoff assembly shall take the place of the primary filter.

Dry pickup: The primary filter shall filter particulate matter 1 micrometer and larger and shall retain this matter for easy disposal. This filter may be disposable.

Wet pickup: The machine shall be equipped with an effective separator, which will prevent liquids and non-particulate solid objects from passing through to the vacuum producer. An automatic shutoff assembly shall be provided which interrupts the air intake or power to the cleaner when the minimum liquid capacity is reached.

Tank: The tank shall be of stainless steel, plastic, or shall have a durable interior epoxy coating. The tank shall hold the minimum liquid capacity for the size specified before the shutoff mechanism activates and shall have a drain valve.

Mobility: The cleaner shall have a wheeled chassis or bearing-equipped self-lubricating wheels mounted on the tank to provide mobility. Wheels and casters are acceptable in any combination. The cleaner shall be equipped with a handle assembly suitable for use in cleaner movement.

Attachments: The cleaner shall be furnished with a minimum of: one 11-inch minimum length floor tool, one 9-inch minimum length crevice tool, one 12-inch floor squeegee tool, one 48-inch minimum length wand assembly, and one 1-1/2-inch minimum inside diameter, 10 foot minimum length crushproof hose assembly. The unit shall have any necessary attachments for conversion from dry to wet pickup.

Tool construction: The attachments for all cleaners shall be fabricated from a nonferrous alloy or a suitable synthetic material. Metal tools shall be suitably plated or finished to resist corrosion and prevent marking.

Hose construction: The hose shall be fabricated from non-marking materials impervious to attack from common cleaning solutions.

Performance

Noise: The maximum noise generated by the cleaners shall be 90 dbA when tested in accordance with ASTM F1334-14.

Continuous duty: The cleaner shall be designed for continuous duty. Continuous duty is defined as constant operation for an 8-hour work day.

Vacuum producer water lift: When tested in accordance with ASTM F558-13, the vacuum producer shall perform at 97 inches minimum.

Unit of issue - EA (one complete system in a package)

NSN: 7910-00-550-9120

CLEANER, VACUUM, ELECTRIC: Shall be Pullman Ermator HEPA Vac 1HP 5GL 86WD TLS 120V, Part Number B160420, or equal, in accordance with the following requirements and characteristics:

Type - Wet pick-up

Size - 5 gallons

Voltage - 120 Vac, 60 Hz, single phase

Fire and Casualty Hazards: Vacuum cleaners shall meet the applicable requirements of UL 1017. Evidence of conformance with UL standards shall be a UL label(s) or listing mark(s), or a certified test report (based on tests conducted within the past two years) from an independent testing laboratory acceptable to the Government, indicating the vacuum cleaner has passed all applicable tests.

GENERAL Construction: Each cleaner shall be complete (including one each of all required filters, as well as the included tool kit attachments), lubricated, and ready to operate (minor assembly is permitted).

Wet pickup: Cleaners with wet pickup capability shall be provided with an automatic shutoff mechanism and accessories required to convert the machine from wet to dry pickup.

Power switch and controllers: Each cleaner shall be provided with a quick make and break type power switch.

Power cord: The power cord assembly shall have three conductors and a three prong attachment plug, and shall have a minimum length of 24 feet.

Power cord storage: Each cleaner shall be provided with a means for coiling, wrapping, or otherwise storing the power cord when the cleaner is not in use.

Filtration system: The filtration system shall consist of a primary filter, wet pickup separator, and tank assembly. When used for dry pickup, the primary filter shall be employed. When converted for liquid retrieval, the separator and automatic shutoff assembly shall take the place of the primary filter.

Dry pickup: The primary filter shall filter particulate matter 1 micrometer and larger and shall retain this matter for easy disposal. This filter may be disposable.

Wet pickup: The machine shall be equipped with an effective separator which will prevent liquids and non-particulate solid objects from passing through to the vacuum producer. An automatic shutoff assembly shall be provided which interrupts the air intake or power to the cleaner when the minimum liquid capacity is reached.

Tank: The tank shall be of stainless steel, plastic, or shall have a durable interior epoxy coating. The tank shall hold the minimum liquid capacity for the size specified before the shutoff mechanism activates.

Mobility: The cleaner shall have a wheeled chassis or bearing-equipped self-lubricating wheels mounted on the tank to provide mobility. Wheels and casters are acceptable in any combination. The cleaner shall be equipped with a handle assembly suitable for use in cleaner movement.

Attachments: All cleaners shall be furnished with at a minimum: one 11-inch minimum floor tool, one 9-inch minimum length crevice tool, one 48-inch minimum length wand assembly, and one 1-1/2-inch minimum inside diameter, 120-inch minimum length crushproof hose assembly, one 14-inch minimum length squeegee tool, an automatic shutoff assembly, and any necessary attachments for conversion from dry to wet pickup.

Tool construction: The attachments for all cleaners shall be fabricated from a nonferrous alloy or a suitable synthetic material. Metal tools shall be suitably plated or finished to resist corrosion and prevent marking.

Hose construction: The hose shall be fabricated from non-marking materials impervious to attack from common cleaning solutions. A swivel coupling shall be provided on the hose end attaching to the cleaner.

Performance

Noise: The maximum noise generated by the cleaners shall be 90 dbA when tested in accordance with ASTM F1334-14.

Continuous duty: The cleaner shall be designed for continuous, commercial or industrial duty. Continuous duty is defined as constant operation for an 8-hour work day; not light household duty.

Vacuum producer water lift: When tested in accordance with ASTM F558-13, the vacuum producer shall perform at a minimum water lift of 84 inches.

Unit of issue - EA (one complete system in a package)

NSN: 7910-00-550-9123

CLEANER, VACUUM, ELECTRIC: Shall be Sanitaire Mighty Mite Canister Vacuum Cleaner, Part Number SC3683A, or equal, in accordance with the following requirements and characteristics:

Type - Canister
Class - Household, dry pickup only
Voltage - 115 Vac, 60 Hz, single phase
ACCESSORIES – Furnished as specified herein

UL conformance: Vacuum cleaners shall meet the applicable requirements of UL 1017. Evidence of conformance with UL standards shall be a UL label or listing mark, or a certified test report (based on tests conducted within the past two years) from an independent testing laboratory acceptable to the Government, indicating the vacuum cleaner has passed all applicable tests.

General: Each cleaner shall be complete, lubricated, and ready to operate with all required filters, bags and attachments (minor assembly is permitted).

Type (Canister): Each cleaner shall consist of a quick make-and-break power switch.

Power cord: The power cord assembly shall have three conductors and a three-prong attachment plug except in double-insulated cleaners, wherein a power cord assembly having two conductors and a two-prong attachment plug shall be permitted. The power cord shall have a minimum length of 20 feet.

Power cord storage: Each cleaner shall be provided with a means for coiling, wrapping, or otherwise storing the power cord when the cleaner is not in use.

Filter Assembly: The filter assembly shall collect debris and dust and shall retain this matter for easy disposal. The minimum dust collection capacity is 2.6 quarts. Cleaners using disposable dust bags shall be furnished with a minimum of one (1) dust bag.

Housing: The housing shall contain all components of the cleaner and may provide for onboard storage of some or all the accessories. The housing shall be equipped with wheels or casters. A dolly with provisions for attachment to the cleaner may be acceptable if the housing is not wheeled. The housing shall be designed such that the cleaner will operate satisfactorily when placed on a stair tread. Shall be provided with an integral handle or a handle securely fastened to the housing. The frame shall be of rugged construction and shall be enclosed in a shroud of metal or impact resistant synthetic material.

Handle/Grip: The handle or grip shall be included for mobility purposes.

Attachments

General: At a minimum, all cleaners shall be furnished with one deluxe floor brush, one upholstery nozzle, one dusting brush, and one crevice tool. At a minimum, all cleaners shall be furnished with one 1-1/2" diameter telescopic wand assembly, and one 1-1/4" minimum diameter, 7 foot minimum (+/-) 1 foot crushproof hose assembly.

Tool construction: The attachments for all cleaners shall be fabricated from a nonferrous alloy or an impact-resistant synthetic material. Metal tools shall be suitably plated or finished to resist corrosion and prevent marking.

Hose construction: The hose shall be fabricated from non-marking materials impervious to attack from common cleaning solutions.

Performance

Noise: The maximum noise generated by the cleaners shall not exceed 85 dbA when tested in accordance with ASTM F1334-14.

Continuous duty: The motor shall be rated for 1 hour, varying duty.

Vacuum producer water lift: When tested in accordance with ASTM F558-13, the vacuum producer shall perform at a minimum water lift of 85 inches.

Manuals: Each cleaner shall be furnished with a manual of operating instructions.

Workmanship: The cleaner and all accessories shall be constructed, assembled, and finished in a manner to assure good quality and performance. The cleaner shall be free from imperfections which may affect durability, serviceability and appearance.

Unit of issue - EA (one complete system)

NSN: 7910-00-680-8296

POLISHER, FLOOR, ELECTRIC: This commercial type electric floor polisher shall be Mercury Floor LoBoy 15" Part Number L15E, or equal in accordance with the following characteristics and requirements:

Triple planetary high torque transmission
UL approved
All metal chassis

All metal, reinforced bell housing apron
Non-marking super thick bumpers/protects baseboards
Motor: 1.5 HP
120 Vac, 60 Hz
RPM: 175
Power Cord: 50 feet; 14/3 Ga
Safety enhanced interlock switch/both hands in control
Safety enhanced, nonconductive dual triggers/eliminates shock potential
Weight: 96 lbs (+/- 15 lbs)
Brush Block: One piece molded plastic
Non-marking 6" wheels

Each unit shall be furnished with three (3) 60% (+/-5%) tampico and 40% (+/-5%) palmyra polishing brushes with poly-plastic clutch plates for attachment to the machine, Part Number 1501, or equal and two (2) 100% bassine filler scrubbing brushes with poly-plastic clutch plates for attachment to the machine, Part Number 1502, or equal.

The design of the handle shall provide for the positioning and locking of the handle in two (2) different working positions at 45 and 60 degree angles as measured from the floor plane, or shall provide for variable positioning and locking.

Unit of issue – EA (One complete system to a package)

NSN: 7910-00-680-8297

POLISHER, FLOOR, ELECTRIC: This commercial type electric floor polisher shall be Mercury Floor LoBoy 17" Part Number L17E, or equal in accordance with the following characteristics and requirements:

Triple planetary high torque transmission
UL approved
All metal chassis
All metal, reinforced bell housing apron
Non-marking super thick bumpers/protects baseboards
Motor: 1.5 HP
120 Vac. 60 Hz
RPM: 175
Power Cord: 50 feet; 14/3 Ga
Safety enhanced interlock switch/both hands in control
Safety enhanced, nonconductive dual triggers/eliminates shock potential
Weight: 99 lbs (+/- 15 lbs)
Brush Block: One piece molded plastic
Non-marking 6" wheels

Each unit shall be furnished with three (3) 60% (+/-5%) tampico and 40% (+/-5%) palmyra polishing brushes with poly-plastic clutch plates for attachment to the machine, Part Number 1701, or equal and two (2) 100% bassine filler scrubbing brushes with poly-plastic clutch plates for attachment to the machine, Part Number 1702, or equal.

The design of the handle shall provide for the positioning and locking of the handle in two (2) different working positions at 45 and 60 degree angles as measured from the floor plane, or shall provide for variable positioning and locking.

Unit of issue – EA (One complete system to a package)

NSN: 7910-00-720-5536

CLEANER, VACUUM, ELECTRIC: Shall be Hoover TaskVac Hard Bag Lightweight Commercial Upright Vacuum Part number CH53005 or equal, in accordance with the following requirements and characteristics:

Type: Upright Vacuum
Empty Weight: 15 lbs. (+/- 5 lbs)
Class: Small household/commercial
Voltage: 120 Vac, 60 Hz, single phase
Motor: 12 amp maximum
Nozzle width: 14 inches (+/- 2 inches)
Power Cord: 30 feet minimum
Plug: 3 prong/3 wire
UL approved: Yes
Noise Level: 80-85 dBA maximum
Height Adjustment: 5 levels (+/- 2 levels)
Collection Bag: Type "Y" Allergen bag (1 bag minimum)
Collection Bag Capacity: 4 Quart minimum
Filter: Outlet Exhaust Filter Part Number 902418001 or equal and pre-motor inlet filter Part Number 902417001 or equal
Wheels: For mobility
Furniture and Wall Protection: Scuff Guard Bumper
Minimum Tools included: one 8-foot (+/- 2 feet) stretch hose, one 11-inch (+/- 2 inches) crevice tool, one 12-inch wand (+/- 1 inch), and one upholstery/dusting tool.

Unit of Issue: EA (one complete system to a package)

NSN: 7910-00-720-5541

CLEANER, VACUUM, ELECTRIC: Shall be Pullman Ermator HEPA VAC 2HP 10GL 45 Dry Only, Part Number B160414, or Sterling HEPA 10 gallon Vacuum, Part Number 4510H, or equal, in accordance with the following requirements and characteristics:

Type I - Dry pick-up only, enclosed filter
Size - 10 gallons
Voltage - 120 VAC, 60 Hz, single phase

Fire and Casualty Hazards: Vacuum cleaners shall meet the applicable requirements of UL 1017. Evidence of conformance with UL standards shall be a UL label(s) or listing mark(s), or a certified test report (based on tests conducted within the past two years) from an independent testing laboratory acceptable to the Government, indicating the vacuum cleaner has passed all applicable tests.

GENERAL Construction: Each cleaner shall be complete (including one each of all required filters, as well as the included tool kit attachments), lubricated, and ready to operate (minor assembly is permitted).

Wet pickup: Cleaners with wet pickup capability shall be provided with an automatic shutoff mechanism and accessories required to convert the machine from wet to dry pickup.

Power switch and controllers: Each cleaner shall be provided with a quick make and break type power switch.

Power cord: The 12 feet minimum power cord assembly shall have three conductors and a three prong attachment plug.

Power cord storage: Each cleaner shall be provided with a means for coiling, wrapping, or otherwise storing the power cord when the cleaner is not in use.

Filtration system: The filtration system shall consist of an enclosed filter and a tank assembly.

Dry pickup: The primary filter shall filter particulate matter 1 micrometer and larger and shall retain this matter for easy disposal. This filter may be disposable.

Tank: The tank shall be of stainless steel, plastic, or shall have a durable interior epoxy coating.

Mobility: The cleaner shall have a wheeled chassis or bearing-equipped self-lubricating wheels mounted on the tank to provide mobility. Wheels and casters are acceptable in any combination. The cleaner shall be equipped with a handle assembly suitable for use in cleaner movement.

Attachments: The cleaner shall be furnished with a minimum of: one 11-inch minimum length floor tool, one 9-inch minimum length crevice tool, one 48-inch minimum length wand assembly, and one 1-1/2-inch minimum inside diameter, 10 foot minimum length crushproof hose assembly.

Tool construction: The attachments for all cleaners shall be fabricated from a nonferrous alloy or a suitable synthetic material. Metal tools shall be suitably plated or finished to resist corrosion and prevent marking.

Performance

Noise: The maximum noise generated by the cleaners shall be 90 dbA when tested in accordance with ASTM F1334-14.

Continuous duty: The cleaner shall be designed for continuous duty. Continuous duty is defined as constant operation for an 8-hour work day.

Vacuum producer water lift: When tested in accordance with ASTM F558-13, the vacuum producer shall perform at 97 inches minimum water lift.

Unit of issue - EA (one complete system in a package)

NSN: 7910-00-820-9898

AbilityOne is the mandatory source for this NSN

PAD, FLOOR POLISHING MACHINE: Shall be in accordance with Commercial Item Description A-A-3004, dated December 18, 1996, and Notice 3, dated September 17, 2003 with the following characteristics:

Type I - Nylon, 11/16 inch (17.5 mm) minimum thickness, for operation at up to 350 RPM.

Class 1 - Buffing

Size 20 - 20 inches

Color - Tan

The pads shall have a scored or removable center hole 3-3/8 +/- 1/8 inch (85.72 +/- 3.18 mm) in diameter.

Unit of issue – BX (five (5) pads per box)

NSN: 7910-00-820-9912

AbilityOne is the mandatory source for this NSN

PAD, FLOOR POLISHING MACHINE: Shall be in accordance with Commercial Item Description A-A-3004, dated December 18, 1996, and Notice 3, dated September 17, 2003 with the following characteristics:

Type I - Nylon, 11/16 inch (17.5 mm) minimum thickness, for operation at up to 350 RPM.

Class 3 - Stripping

Size 20 - 20 inches

Color - Black

The pads shall have a scored or removable center hole 3-3/8 +/- 1/8 inch (85.72 +/- 3.18 mm) in diameter.

Unit of issue – BX (five (5) pads per box)

NSN: 7910-00-985-6797

POLISHER, FLOOR, ELECTRIC: This commercial type electric floor polisher shall be Mercury Floor Machines Part Number L19E, or equal in accordance with the following characteristics and requirements:

Style 1 – Commercial duty

Machine size: 19"

Rotary brush size: 17"

Each unit shall be furnished with three (3) polishing and two (2) scrubbing brushes.

- clutch plates included
- Triple planetary transmission
- Horsepower: 1.5
- UL 561 compliant
- RPM: 175
- 120 Vac, 60 Hz, single phase
- All metal reinforced apron
- All metal chassis
- 48" tall adjustable handle
- Safety interlock switch on handle leaves both hands conveniently in control
- Three (3) prong conductor cord of not less than 50 feet
- Two (2) or more non-marking wheels, not less than 3.5 inches in diameter
- Wheels shall be mounted so that they move off of the floor so the machine can be used, or when the machine is in operation, the wheels do not contact the floor.
- Replaceable non-marking rubber or vinyl bumper

1. The design of the handle shall provide for the positioning and locking of the handle in two (2) different working positions at 45 and 60 degree angles as measured from the floor plane, or shall provide for variable positioning and locking at a minimum.

2. The brush block shall be one piece or sectional and shall be laminated wood, solid wood, or molded plastic.

3. The brush shall be supplied with a metal or plastic plate securely attached to provide a method for attachment to the machine.

4. The polishing brush fibers shall be made of 60 percent, ±5 percent tampico and 40 percent ±5 percent palmyra; or 100 percent crimped polypropylene filaments of 0.4 mm minimum diameter.

5. Scrubbing brushes. Scrubbing brush construction shall be as specified for polishing brushes except that the scrubbing brush may have a heavy duty metal block instead of the laminated or solid block with plate. The filler shall be 100 percent palmetto fiber or 100 percent bassine fiber.

Unit of issue - EA (1 completely assembled polisher and specified brushes and clutch plates)

NSN: 7910-01-084-8854

CLEANER, VACUUM, ELECTRIC: Shall be Pullman-Ermator HEPA dry vacuum cleaner Model 86ASB5D4C (Product Code B160419), or equal, with the following characteristics:

Shall be suitable for use in vacuuming dry non-flammable hazardous materials including dry asbestos dust and fibers; shall be a lightweight compact steel dry vac designed to work in tight areas. Mounted on a wheeled dolly with four 2-1/5 inch casters; Minimum 1 hp, 2 stage by-pass, 7.2 amp motor; Designed for use on nominal 120-Volt circuit; High-efficiency unit with a drop-in HEPA filter with a minimum efficiency of 99.97% at 0.3 microns; Three-stage filter system includes Dacron filter bag, polyester prefilter, and HEPA filter; Designed for use with disposable paper and poly collection bags; Minimum 25 foot long power cord with grounding pin; Shall have a air seal gasket between a clamp-on removable motorhead and collection tank to form a positive lock fit; 5-gallon capacity tank shall be heavy gauge steel with a powder coat finish and carrying handles; Shall include, at a minimum, the following tools: 10 foot long x 1.5 inch diameter crushproof hose with steel fittings, 5-foot two-piece metal wand, 14-inch ABS floor brush tool, a 3" round dusting brush, and a 17" crevice tool.

Unit of issue - EA (one complete system to a package)

NSN: 7910-01-092-8503

AbilityOne is the mandatory source for this NSN

PADS, FLOOR POLISHING: Shall be in accordance with Commercial Item Description A-A-3004, dated December 18, 1996, and Notice 3, dated September 17, 2003 with the following characteristics:

Type III - Polyester or polyester blended with nylon, 7/8 inch (22.2 mm) minimum thickness, for spray operation from 150 to 750 RPM.

Class 4 - Polishing
Size 20 - 20 inches
Color - White

The pads shall have a scored or removable center hole 3-3/8 ~1/8 inch (85.72 t3.18 mm) in diameter.

Unit of issue – BX (five (5) pads per box)

NSN 7910-01-198-3913

CLEANER, VACUUM PNEUMATIC: Shall be VAC-U-MAX P/N 747-04 Fuel Sump Recovery Unit or equal, with the following characteristics:

Standard Equipment:

Vacuum power head with:

- Single venturi suction source
- Noise muffler and guard for sound levels below 80 dBA
- Manual HP air control valve
- Adjustable orifice assembly for vacuum control 8" Hg.-16" Hg.
- Anti Sparking Inlet (304 Stainless)
- AutoVac liquid cut-off assembly with copper float ball.
- Integral flame arrestor.
- Internal filter.
- 3/4" x 25' High Pressure Static Conductive Hose

Collection Container, 275 gallon carbon steel tank with:

- Fabricated steel base
- Tow bar with steering linkage and brake assembly
- Tow at road speeds up to 35 MPH
- Four 15" pneumatic tires
- 2" Drain valve
- Static Grounding Reel with 50' ground wire and clips.
- Liquid level and sight flow gauges

Single venturi power unit

- Maximum suction power 16" HG (208" H2O)
- Maximum air flow 100 SCFM
- Suction connection 3/4 Inch
- Air operated, requires min. 35 SCFM @ 60 PSI compressed air max. 70 SCFM @ 60 PSI compressed air
- Compressed air connection 1/2" ID NPT female
- Noise level 79 DBA @ 6" Hg
- Weight 2,000 lbs

Unit of Issue: EA (One Complete Fuel Sump Recovery Unit)

NSN: 7910-01-364-2170

POLISHER, FLOOR, ELECTRIC: For applications requiring a lower (10 amp) current draw. Shall be Mercury Floor Machines Part Number DC-21-1170, or equal in accordance with the following salient characteristics:

Design type	single brush
Pad driver	flexible
Brush speed (minimum)	1000 RPM
Brush diameter	20 inches
Electrical	120 Vac, 60 Hz, *15 A startup, 10 A operation
Motor type	rectified dc
Wheels	Two or four non-marking wheels with sufficient diameter for easy transport
Chassis	cast aluminum

Apron	12 gage metal (chromed)
Safety trigger lock	dual
Trigger	poly/rubber non-conductive
Axle	full
Pad contact	full/adjustable
Bumper guard	full-1 piece
Power cord length (minimum)	50 feet
Wheel adjustment	yes

*The electrical current shall not exceed 15.0 A during startup. After startup, during normal operation under full pad contact, the electrical current shall not exceed 10.0 A.

Workmanship: The floor polisher shall be free from any defects, imperfections, or material that would adversely affect performance, serviceability, or appearance, or cause any undesirable effects during use.

Unit of issue - EA (1 complete assembled polisher)

NSN: 7910-01-386-3666

POLISHER, FLOOR, ELECTRIC: Shall be Cavalier Inc., electric floor polisher/burnisher Model Protector 9000, or equal, with the following characteristics:

- Floor polisher - Polished aluminum or triple chrome plated steel w/non-marking bumper
- Handle - Heavy duty solid aluminum or chrome plated handle
- Floor pad diameter - 20 inch
- Levers - Heavy duty w/dual safety switch levers
- Cord Jacket Voltage - 600 volt
- Motor Voltage - 115 volt
- Power cable/cord - 14/3 with integral ground fault circuit interrupter
- Power cable length - 50 ft. minimum
- Pad speed rating - 1100 RPM

MOTOR REQUIREMENTS: Shall be continuous heavy-duty, low amperage, high-speed (1800 RPM) motor, with a wear indicator light to eliminate motor burnout. Start-up amperage shall be 13-15 amps and between 6-8 amps in the running mode. The unit shall incorporate radio frequency interface suppression and a mechanical trip indicator.

QUALIFICATION/APPROVAL: Approval for use aboard U.S. Navy ships is deemed critical and essential. The Naval Surface Warfare Center (NSWCCD SSES) point of contact is Kurt Mikoleit Ph: 540-653-3425. The government reserves the right to require proof of U.S. Navy approval.

Unit of issue is EA (one complete unit in a package).

NSN 7910-01-400-0928

VACUUM CLEANER, PNEUMATIC: Shall be a pneumatic wet/dry vacuum cleaner with HEPA filter, Nilfisk-Advance Series VT60A, P/N 01799631, TIGER VAC CS-11 (2+2) RE HEPA (Wet & Dry), P/N 110869, or equal, with the following characteristics:

- Tank capacity - 15 gallons
- Wet Collection
- Capacity - 10 gallons

Dry Bag Collection

Capacity - 10 gallons
 Filter area - 15.38 sq. ft (2215 sq. in)
 Air performance- 392 air watts
 Sound level - 77db (A) at 10 feet
 Airline length - 30 feet
 Waterlift - 172 inches (using 1/2 inch diameter air line at 90 p.s.i.)
 Air hose diameter - 1/2 inch
 Compressor - 20 h.p. minimum
 Airflow - 140 cfm
 Dimensions (l x w x h) 24 inches x 21.5 inches x 37.5 inches

FILTRATION: Four stage filter system includes impact filter, polyethylene filter tubes, microfilter, and HEPA filter.

System shall be designed for liquid or dry pick-up, with no filter change or adjustment; shall have a foam impact filter that fits over the float valve, protecting it from clogging debris; main filter is a labyrinthine design, polyethylene finger tube type assembly, with multiple porous tubes to capture particles, as small as one micron, to protect the HEPA and maintain maximum airflow. Filter tubes shall be water, mildew, rot and corrosion resistant and be covered by a splash guard; HEPA filter must be 99.97% efficient at 0.3 microns and be DOP tested and certified, meeting ANSI Z9.2.

MOTOR: Shall have a built-in pressure relief valve; venturi must supply a minimum of 172 inches of waterlift with a 1/2 inch air line at 90 psi.

CONTAINER: Container shall be cylindrical, not tapered for easy emptying; intake tube must be flexible for release of caked material; made from corrosion resistant polyethylene and must be easily detached from the trolley; shall be designed for direct container intake, and for use with disposable polyliner and a five gallon pail (pail not included).

TROLLEY: Trolley must be detachable and manufactured from a non rusting molded polyethylene or corrosion-resistant powdered coated steel with large, smooth wheels for easy mobility and decontamination; equipped with rubber bumpers.

ACCESSORIES: Shall be constructed with corrosion resistant materials and capable of picking up wet or dry materials; hoses must be made from flexible plastic; wands shall be lightweight, rust resistant aluminum. Includes the following components/accessories:

QUANTITY	TYPE COMPONENT
1 each	Foam Impact filter
1 each	Main filter polyethylene finger tube assembly
1 each	Microfilter
1 each	Detachable trolley assembly
1 each	HEPA Filter cartridge
1 each	10ft. plastic hose
1 each	Double curved aluminum wand
1 each	14 inch squeegee nozzle
1 each	11 inch plastic crevice tool
1 each	3 inch aluminum dust brush
25 each	Container polyliners

WORKMANSHIP: The vacuum shall not contain any defects and shall be free from defects that create any type of safety hazard, affect unit function or serviceability.

Unit of issue shall be EA (one (1) complete vacuum system in a package)

NSN: 7910-01-420-0590

CLEANER, VACUUM, ELECTRIC, HOUSEHOLD: Household upright vacuum cleaner with onboard attachments shall be in accordance with the following characteristics and requirements:

Power source - Shall operate on 120 Vac, 60 Hz, single phase
Motor amperage - 7.0 amp minimum
Power cord - 20 foot min with handle or housing cord storage
Carpet height - four adjustable height positions minimum
Adjustable handle – smooth pivot from vertical to a near Horizontal position
Agitator - brush roller
Disposable filter bag – Included
Onboard attachments – Included
Peak noise level - 84 dBa maximum

The vacuum shall operate with type A, C, Sub-3, U, or other commercially available (nonproprietary) disposable paper filter bag.

Onboard attachments: Shall include as a minimum a 4 foot crush resistant hose, crevice tool, upholstery nozzle, and dusting brush (upholstery nozzle and dusting brush may be combined into a single attachment). The vacuum cleaner shall be designed such that the hose connects to the upper part of the chassis by means of an accessory tool door or some other means.

UL conformance: Vacuum cleaners shall meet the applicable requirements of UL 1017. Evidence of conformance with UL standards shall be a UL label or listing mark, or a certified test report from an independent testing laboratory acceptable to the Government, indicating the vacuum cleaner has passed all applicable tests.

Workmanship: The vacuum cleaner and all accessories shall be constructed, assembled, and finished in a manner to assure good quality equipment of a neat general appearance and free from imperfections which may affect durability, serviceability, and appearance.

Unit of issue shall be EA (package consisting of vacuum cleaner, filter bag, and accessories listed at “Onboard attachments”).

NSN: 7910-01-423-9525

CLEANER, VACUUM, ELECTRIC: Shall be Metropolitan Vacuum Cleaner Co. Inc., DataVac Pro Series Model number, MDV-1BA or equal, with the following characteristics and requirements:

Lightweight “hand-held” vacuum cleaner/blower power unit, designed for cleaning computers, printers and other electronic office equipment. Shall be UL listed.

Features:

Construction - Steel
Motor - 1 speed
Volts - 120
Peak HP – 0.75
CFM - 70
AMPS - 4.0 nominal
Bag - Disposable paper
Weight - 3 lbs
Size - 16” x 4” x 4”

Accessories:

19" flexible hose
Pin pointer nozzle
Crevice tool
Dust brush
Four-piece micro-cleaning tool kit
Shoulder strap
5 disposable bags

UNIT OF ISSUE: EA (one complete system in a package).

NSN 7910-01-453-8488

CLEANER, VACUUM, ELECTRIC: Shall be Nilfisk Back Vacuum with HEPA filter and carrying harness, P/N 9060709010, or equal, with the following characteristics:

Shall be a lightweight portable electric vacuum cleaner with HEPA filtration and carrying harness; Designed for easy maneuverability and operation in confined areas; Adjustable shoulder straps and waist belt designed for even weight distribution; Shall have four-stage filtration system: Disposable paper bag, exhaust filter, sack filter, and HEPA filter; HEPA filters shall be 99.99% efficient at 0.3 microns; HEPA filters shall be DOP-tested; Features a motor thermal protection device.

Voltage - 120
Amps - 9.5
Power - 1300 watts
Waterlift - 99 inches
Airflow - 144 cfm
Tank capacity - 2.6 gallons
Paper bag
 capacity - 1.8 gallons
Unit height - 23 inches
Unit width - 9.4 inches
Unit depth - 15.5 inches
Weight w/o
Accessories - 10.8 lbs
Cord length - 50 feet

Accessories	-	Flexible hose
		Combination floor nozzle
		Telescopic aluminum wand
		Rubber crevice tool
		Dust brush
		Curved plastic wand

Unit of issue - EA (one (1) complete system)

NSN: 7910-01-520-6436

CLEANER, VACUUM, PNEUMATIC: Shall be Clayton Dustmaster P/N DM-104 or equal, with the following characteristics:

Shall be a portable vacuum cleaner designed for use with Clayton, Dustmaster brand dustless sanding systems. This vacuum incorporates a ULPA filtering system that has a higher level of filtration than standard HEPA filters. Shall be physically and functionally engineered to be compatible with Clayton, Dustmaster brand dustless sanding systems.

- 1) Separate panel controls allow pressure to be regulated from the vacuum system and tool control system with independent gauges
- 2) Dual ports designed to allow multiple users (2-3 continuous) at one time without a "Y" adapter or splitter.
- 3) Three-way manifold
- 4) Certified leak-free via independent testing
- 5) Safe-filter-change feature that protects workers/environment from exposure without re-introducing dust and pollutants into the atmosphere during filter changes
- 6) Steel construction that endures rigorous abuse, includes U-shaped handle
- 7) Durable 4-inch locking casters that are designed for uneven floor surfaces, can withstand outdoor environmental elements and subjected to aircraft flight line operations
- 8) Filters 99.999% of airborne particles 0.12 microns or larger
- 9) Operates on 90 c.f.m. input air @ 90 psi
- 10) The vacuum system also features a pneumatic auto on/off circuit to conserve compressed air when the worker is not sanding. This system turns the vacuum on when a pneumatic tool is actuated, and turns the vacuum off when the pneumatic tool is stopped (after a brief delay to clear dust from the hoses).

Unit of issue is each (one complete vacuum in a package).