

MMS PHARMACY - 164 BED EQUIPMENT SET



Support and Consumables Handbook

6545-01-526-3337

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U.S. Army Medical Materiel Agency

The information contained in this manual was prepared by the

U.S. Army Medical Materiel Agency
Office of PM, Medical Devices
Acquisition Information Division
693 Neiman Street
Fort Detrick, MD 21702-5001

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Customer Relationship Management
301-619-1288/4301, DSN 343-1288/4301, or at:

USAMMACRM@amedd.army.mil

**For additional equipment item information, visit the
USAMMA Medical Equipment Literature section on the web at
<http://www.usamma.army.mil/med equip lit cdroms.cfm>**

**Review the Master Table of Contents for all of the
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<http://www.usamma.army.mil/assets/docs/Master%20Table%20of%20Contents.pdf>**

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<http://www.usamma.army.mil/CDROM Requests form.cfm>**

**NOTE: CLICK ON TITLE
FOR DIRECT LINK**

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Please provide all comments at the website link listed below.

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Select: EQUIPMENT PUBLICATIONS BUTTON AT TOP OF FORM

COUNTER TABLET AUTOMATIC

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DISTRIBUTOR: AMERISOURCE BERGEN

MANUFACTURER: KIRBY LESTER

Distributor Model# KL15DF

Manufacturer Model# KL15DF

Distributor's PHONE: (847) 495-6685 FAX: (847) 808-3322

Manufacturer's PHONE: (203) 323-1499 FAX:

Distributor's Website: <http://www.AmerisourceBergen.com>

Manufacturer's Website: <http://www.kirbylester.com>

Item Web Link:

<http://www.kirbylester.com/pharmacy-products-KL15df.htm>

AAC 'J' ITEM NSN 6515-01-508-9046

UAs: N306, P506, P706

USAMMA POC: Customer Relations Management 301-619-1288/4301 - DSN 343-1288/4301

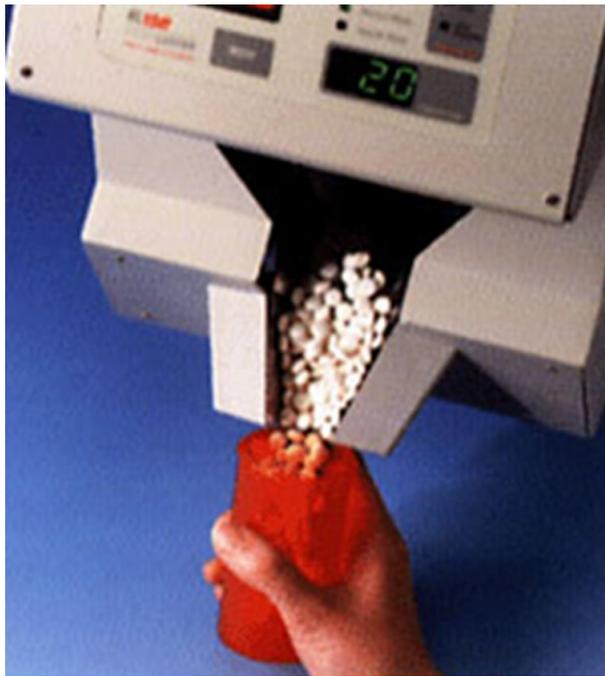
UNIT PRICE: \$5,242.38

System Description: This automatic counter transfers tablets and capsules directly into the final container. It counts the average prescription and feeds it into a vial in less than 4 seconds. The counting technology used guarantees the most accurate counting available in any automatic system – 99.97%, or less than 3 errors in 10,000 tablets.

Features: Accuracy: 99.97% (less than 3 errors in 10,000 tablets)
Maximum count: 500 tablets or capsules or 85 drams
Maximum throughput: 1,500 parts per minute
Maximum size counted: not applicable. Counts the largest known tablets and capsules



**COUNTER TABLET AUTOMATIC
PART # KL15df
NSN 6515015089046**



**COUNTER TABLET AUTOMATIC DEMONSTRATED USE
PART # KL15df
NSN 6515015089046**

**COUNTER TABLET AUTOMATIC
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS**

Item Dimensions	Height (Inches)	19.5
	Width (Inches)	9
	Length (Inches)	17
	Cube (Cubic Feet)	1.7266
	Weight	21 lbs
Ship Dimensions	Height (Inches)	
	Width (Inches)	
	Length (Inches)	
	Cube (Cubic Feet)	
	Weight	
Storage Temp		
Operating Temp		
Storage Humidity		
Operating Humidity		
Amps		6
Watts		690
Power Requirements	115VAC/60Hz for US & Canada, 220VAC/50Hz for overseas	
Notes		

**COUNTER TABLET AUTOMATIC
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN Kirby Lester	DIST PN Amerisour ce Bergen	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6515015089046		Counter Tablet Automatic	KL15df	KL15df	1	EA	\$5,242.38	\$5,242.38	N/A
	Awaiting NSN	Channel Bottom	8CAI-0315		1	EA	Incl w/NSN 9046	Incl w/NSN 9046	N/A
	Awaiting NSN	Channel Top	D8AI- 0305-A		1	EA	Incl w/NSN 9046	Incl w/NSN 9046	N/A
	Awaiting NSN	Funnel	D8AM- 4001-A		1	EA	Incl w/NSN 9046	Incl w/NSN 9046	N/A
7610015437003		Literature Operation			1	EA	Incl w/NSN 9046	Incl w/NSN 9046	N/A

**COUNTER TABLET AUTOMATIC
ACCESSORIES & CONSUMABLES - RESUPPLY**

NSN	Notes	Nomenclature	MFR PN Kirby Lester	DIST PN Amerisour ce Bergen	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
	Awaiting NSN	Channel Bottom	8CAI-0315		1	EA	\$45.00	\$45.00	N/A
	Awaiting NSN	Channel Top	D8AI- 0305-A		1	EA	\$25.00	\$25.00	N/A
	Awaiting NSN	Funnel	D8AM- 4001-A		1	EA	\$90.00	\$90.00	N/A

HOOD LAMINAR FLOW LAB

TOC

MANUFACTURER: GERMFREE LABORATORIES INC.

Manufacturer Model# BZ4SS-RX

Manufacturer's PHONE: (386) 677-7742 FAX: (386) 677-2651

Manufacturer's Website: <http://www.germfree.com>

Item Web Link:

<http://97.74.181.168/pharmacy/laminar/BZ/>

AAC 'J' ITEM NSN 6640-01-493-8582

UAs: N306, P506, P706

USAMMA POC: Customer Relations Management 301-619-1288/4301 - DSN 343-1288/4301

UNIT PRICE: \$8,148.27

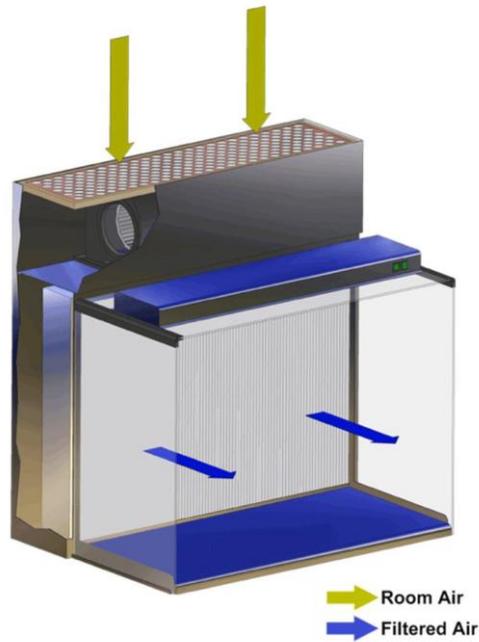
System Description: The Horizontal Laminar Flow (BZ) Series Hood is designed for the handling of materials in a sterile working environment. The work area is continuously bathed with positive pressure ISO 5/ Class 100 horizontal laminar flow air that has passed through a High Efficiency Particulate Air (HEPA) filter. This filter removes organisms and particulates 0.3 micron in size with an efficiency of 99.99%. The laminar flow principle consists of moving individual streams of unidirectional, ultra-clean air along parallel lines with minimal turbulence. The HEPA filter is positioned in the rear of the work area and is protected by a removable, perforated metal diffuser. The BZ is constructed of quality all-welded stainless steel with a pharmaceutical grade finish. The fluorescent light housing is externally mounted to provide optimum lighting into the work area. The acrylic top and side panels allow for additional ambient light and visibility into the work area. Our SpillGuard feature is utilized in the rear and sides of the full-width work area. The CurveFlex forearm support feature provides operator comfort.

Features:

- Outer cabinet and work surface are welded stainless steel with a pharmaceutical grade finish
- High capacity motor/blower system with speed control to extend HEPA filter life
- Top mounted pre-filters are easily changed
- HEPA filter is full width and height (36"), ensuring unidirectional airflow and is easily changed from both sides
- Top mounted fluorescent lighting is isolated from the clean environment
- IV hanging bar with 12 hooks in work area
- Separate lighted power ON/OFF indicator switches for blower and lighting
- Electrical is 115Volt, 60 Hz (220/50-60 Hz also available)
- Ten foot power cord with molded grounded plug



**HOOD LAMINAR FLOW LAB
PART # BZ4SS-RX
NSN 6640014938582**



LAMINAR HOOD AIR FLOW DIAGRAM

**HOOD LAMINAR FLOW LAB
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS**

Item Dimensions	Height (Inches)	49.5
	Width (Inches)	49
	Length (Inches)	34
	Cube (Cubic Feet)	47.724
	Weight	425 lbs
Ship Dimensions	Height (Inches)	60
	Width (Inches)	58
	Length (Inches)	41
	Cube (Cubic Feet)	82.5694
	Weight	515 lbs
Storage Temp		
Operating Temp		
Storage Humidity		
Operating Humidity		
Amps		12
Watts		1380
Power Requirements	115VAC 60HZ	
Notes		

**HOOD LAMINAR FLOW LAB
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN GermFree Laboratorie s Inc.	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6640014938582		Hood Laminar Flow Lab	BZ4SS-RX		1	EA	\$8,148.27	\$8,148.27	N/A
6640015757759		BZ-4 HEPA Filter (36"x48"x6")	BZ-HF4		1	EA	Incl w/NSN 8582	Incl w/NSN 8582	N/A
6640015772078		Stand, Manually Adjustable	BZ-A8BX		1	EA	Incl w/NSN 8582	Incl w/NSN 8582	N/A
6640015772669		BZ-4 Prefilter (48.25"x12.25"x1")	BZ-PF4		4	EA	Incl w/NSN 8582	Incl w/NSN 8582	N/A
7610045437003		Operation Manual	BZ-Manual		1	EA	Incl w/NSN 8582	Incl w/NSN 8582	N/A
NSN Not Required		Casters, Stand	BZ-A11		4	EA	Incl w/NSN 8582	Incl w/NSN 8582	N/A

**HOOD LAMINAR FLOW LAB
ACCESSORIES & CONSUMABLES - RESUPPLY**

NSN	Notes	Nomenclature	MFR PN GermFree Laboratorie s Inc.	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6640015757759		BZ-4 HEPA Filter (36"x48"x6")	BZ-HF4		1	EA	\$455.00	\$455.00	N/A
6640015772669		BZ-4 Prefilter (48.25"x12.25"x1")	BZ-PF4		1	EA	\$125.00	\$125.00	N/A

**HOOD LAMINAR FLOW LAB
WEB LINKS**

[Click Below for Instruction Manual](http://97.74.181.168/downloads/manuals/BZ._Seriespdf.pdf)
<http://97.74.181.168/downloads/manuals/BZ._Seriespdf.pdf>

REFRIGERATOR-FREEZER

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MANUFACTURER: NORTHLAND-MARVEL

Manufacturer Model# 6CRF0610

Manufacturer's PHONE: (616) 754-5601 FAX: (616) 754-0970

Manufacturer's Website: www.marvelscientific.com

Item Web Link:

<http://www.marvelscientific.com/prod-combo.php>

AAC 'L' ITEM NSN 4110-01-425-8009

UAs: 263C, 273A, 623A, 905C, 912B, 913B, 914B, N306, N413, N503, N513, N703, N713, N725, P308, P309, P310, P506, P706

USAMMA POC: Customer Relations Management 301-619-1288/4301 - DSN 343-1288/4301

UNIT PRICE: \$2,219.18

System Description: Six cubic foot under counter refrigerator/freezer fits easily under lab benches and casework.

Features: Forced air ventilation eliminates need for clearance space in built-in applications. Manual defrost, 5.3 cubic foot refrigerator capacity and 0.7 cubic foot freezer capacity. Dual voltage capable, carrying handles and olive drab paint scheme.



**REFRIGERATOR-FREEZER MECHANICAL FIELD WARD
PART # 6CRF0610
NSN 4110014258009**

**REFRIGERATOR-FREEZER
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS**

Item Dimensions	Height (Inches)	35.5
	Width (Inches)	24.75
	Length (Inches)	25.5
	Cube (Cubic Feet)	12.9658
	Weight	120 lbs
Ship Dimensions	Height (Inches)	35.5
	Width (Inches)	24.75
	Length (Inches)	25.5
	Cube (Cubic Feet)	12.9658
	Weight	120 lbs
Storage Temp		
Operating Temp		
Storage Humidity		
Operating Humidity		
Amps		2.66
Watts		320 Normal - 1200 Surge
Power Requirements	120/220 VAC, 50/60 Hz	
Notes	Uses R-134A Refrigerant	

**REFRIGERATOR-FREEZER
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN Northland- Marvel	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
4110014258009		Refrigerator-Freezer	6CRF0610		1	EA	\$2,219.18	\$2,219.18	N/A
7610015437003		Literature, Operator	41011992		1	EA	Incl w/NSN 8009	Incl w/NSN 8009	N/A

**REFRIGERATOR-FREEZER
ACCESSORIES & CONSUMABLES**

NO RESUPPLY ITEMS

SHELTER, TACTICAL EXPANDABLE ONE-SIDED

TOC

MANUFACTURER: U.S. ARMY NATICK

Manufacturer Model# 5-4-2828

Manufacturer's PHONE: (508) 233-4001 FAX: (508) 233-5065

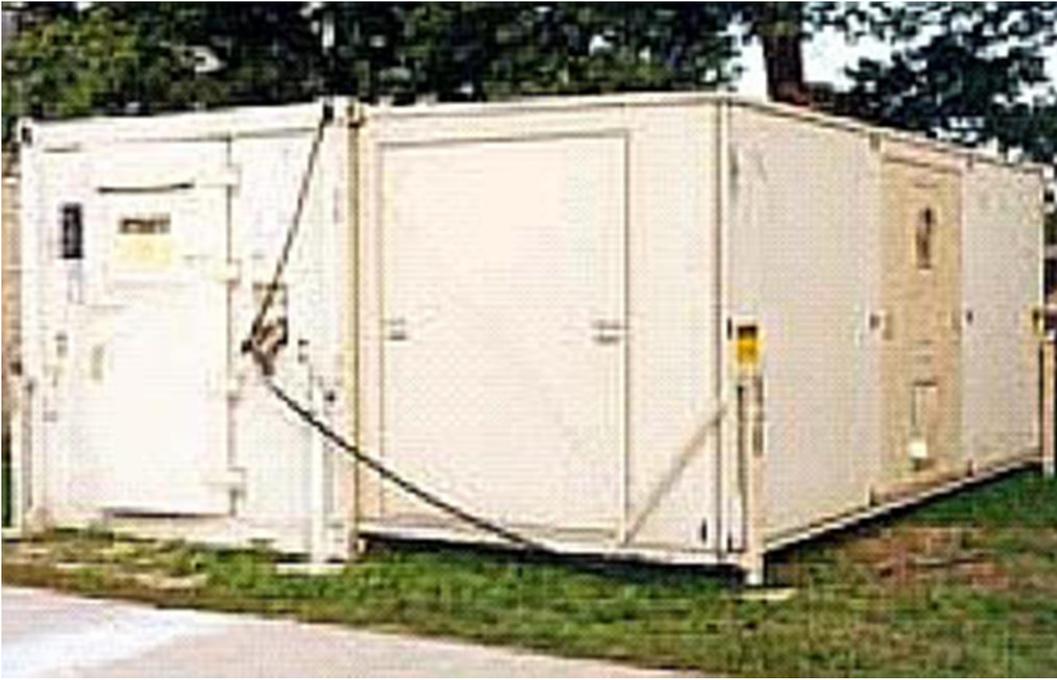
AAC 'J' ITEM NSN 5411-01-124-1377

UAs: N306, P706

USAMMA POC: Customer Relations Management 301-619-1288/4301 - DSN 343-1288/4301

UNIT PRICE: \$176,141.00

System Description: Army ISO shelters are compatible with military and commercial handling equipment and can be transported by all modes of transportation including cargo container ships, C-130, C-141, C-5A and C-17 military aircraft, trucks, trailers and the M1022A1 ISO Dolly Set. These shelters are comprised of individual replaceable panels that are either bolted or hinged into place. These panels are fabricated by hot bonding aluminum skins to resin impregnated paper honeycomb core material. Each ISO shelter is wired for three phase electrical distribution and is integrated with internal fluorescent lights, 120 VAC, 20 amp electrical outlets, an external area light, and an interface for external environmental control units. Each shelter is also equipped with leveling jacks and can be erected in the field by four people in less than thirty minutes without any special tools. Complexing capability with 58" x 77" knockout panels is available for One-Side and Two-Side Expandable ISO shelters.



SHELTER, TACTICAL EXPANDABLE ONE-SIDED
PART # 5-4-2827
NSN 5411011241377

**SHELTER, TACTICAL EXPANDABLE ONE-SIDED
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS**

Item Dimensions	Height (Inches)	96
	Width (Inches)	96
	Length (Inches)	239
	Cube (Cubic Feet)	1274.6667
	Weight	5400 Lbs
Ship Dimensions	Height (Inches)	
	Width (Inches)	
	Length (Inches)	
	Cube (Cubic Feet)	864
	Weight	
Storage Temp		
Operating Temp		
Storage Humidity		
Operating Humidity		
Amps		60 Amps
Watts		7200
Power Requirements	120/208Volt, 50/60 Hz	
Notes	Payload Weight: 9,600 lbs Max Floor Load: 65 lbs/ft² Max Ceiling Load: 40 lbs/ft² Interior (Transport Mode): 19ft 1in L x 7ft W x 7ft 1in H Interior (Expanded): 18ft 4in L x 14ft 6 in W x 7ft 1in H	

**SHELTER, TACTICAL EXPANDABLE ONE-SIDED
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN U.S. Army Natick	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
5411011241377		Shelter, Tactical Expandable One-Sided	5-4-2828		1	EA	\$176,141.00	\$176,141.00	N/A
6150012474781	Included with MTOE	50ft Cable 4 Wire w/Connectors	13226E702 3		1	EA	Incl w/NSN 1377	Incl w/NSN 1377	N/A
6150012566301	Included with MTOE	4 Wire Pig Tale w/Ground	13226E701 9		1	EA	Incl w/NSN 1377	Incl w/NSN 1377	N/A

**SHELTER, TACTICAL EXPANDABLE ONE-SIDED
ACCESSORIES & CONSUMABLES - RESUPPLY**

NSN	Notes	Nomenclature	MFR PN U.S. Army Natick	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6150012474781	Included with MTOE	50ft Cable 4 Wire w/Connectors	13226E702 3		1	EA	\$683.81	\$683.81	N/A
6150012566301	Included with MTOE	4 Wire Pig Tale w/Ground	13226E701 9		1	EA	\$287.00	\$287.00	N/A

SINK UNIT SCRUB FIELD

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MANUFACTURER: FISHER HAMILTON LLC

Manufacturer Model# 950S936

Manufacturer's PHONE: (800) 826-1166 FAX: (412) 490-8304

Manufacturer's Website: <http://www.fishersci.com>

AAC 'J' ITEM NSN 6530-01-308-7740

UAs: N305, N306, N432, N703, N704, P302, P433, P706

USAMMA POC: Customer Relations Management 301-619-1288/4301 - DSN 343-1288/4301

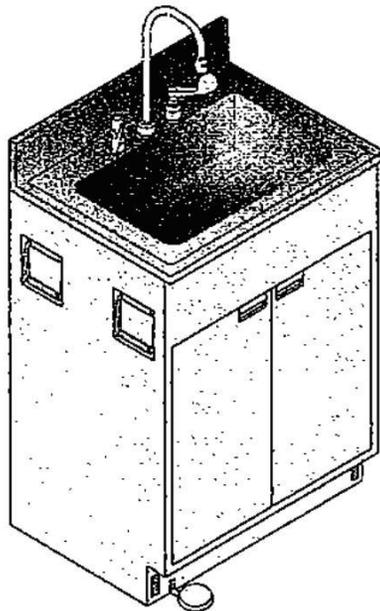
UNIT PRICE: \$4,753.28

System Description: This sink supplies hot and cold water and is mounted on four detachable casters. It is a self contained sink with a tankless electric water heater and pump.

- Features:**
- Removable faucet with a gooseneck spout
 - Paddle shaped handles to control the water flow
 - Foot activated, externally mounted soap dispenser
 - Two recessed carrying handles on each side
 - Two doors
 - A 10-foot water supply hose with auto shut-off and quick disconnect couplings
 - Water temperature adjustable from 100°F to 145°F
 - Corrosion-resistant steel (CRS) top and sink



SINK UNIT SCRUB FIELD HOSPITAL CRS 30 INCHES
PART # 950S936
NSN 6530013087740



- Self-contained sink base cabinet is 30" wide X 22-5/8" deep X 36-1/2" high
- Includes 24" X 14" X 12" stainless steel X-Ray sink, self-contained pump and heater, foot operated soap dispenser.
- 4" casters

SINK UNIT SCRUB FIELD
PART # 950S936

**SINK UNIT SCRUB FIELD
PHYSICAL & ENVIRONMENTAL SPECIFICATIONS**

Item Dimensions	Height (Inches)	36.5
	Width (Inches)	30
	Length (Inches)	22.625
	Cube (Cubic Feet)	14.337
	Weight	335 lbs
Ship Dimensions	Height (Inches)	
	Width (Inches)	
	Length (Inches)	
	Cube (Cubic Feet)	
	Weight	
Storage Temp		
Operating Temp		
Storage Humidity		
Operating Humidity		
Amps		38
Watts		9000
Power Requirements	120/230VAC 50/60Hz	
Notes		

**SINK UNIT SCRUB FIELD
ACCESSORIES & CONSUMABLES - STARTUP**

NSN	Notes	Nomenclature	MFR PN Fisher Hamilton LLC	DIST PN	QTY	UI	Unit Price	Total Price	Shelf Life Mon.
6530013087740		Sink Unit Scrub Field	950S936		1	EA	\$4,753.28	\$4,753.28	N/A

**SINK UNIT SCRUB FIELD
ACCESSORIES & CONSUMABLES**

NO RESUPPLY ITEMS

SINK UNIT SCRUB FIELD

ADDITIONAL NOTE:

To order Operator and Maintenance Literature for this sink, please refer to the USAMMA Medical Equipment Literature Web page (http://www.usamma.army.mil/med equip_lit_cdroms.cfm); click on "Order the CD-ROM here," fill in the requested information, and select "Operator & Maintenance Literature for Medical Equipment - Discs 3 & 4"

