

date  
projectname

21/08/2016  
SABAHAL SALEM UNIVERSITY CITY - ACADEMIC  
SUPPORT FACILITIES - KUWAIT UNIVERSITY  
ENG'R. ZHOU SHUBIN  
ASIF AHMAD

attn  
from  
fax  
email  
phone

96629247

**U126**  
Soap Dispenser

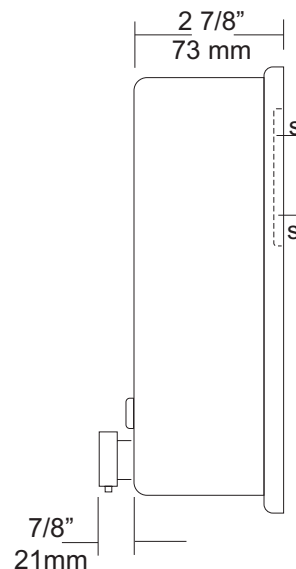
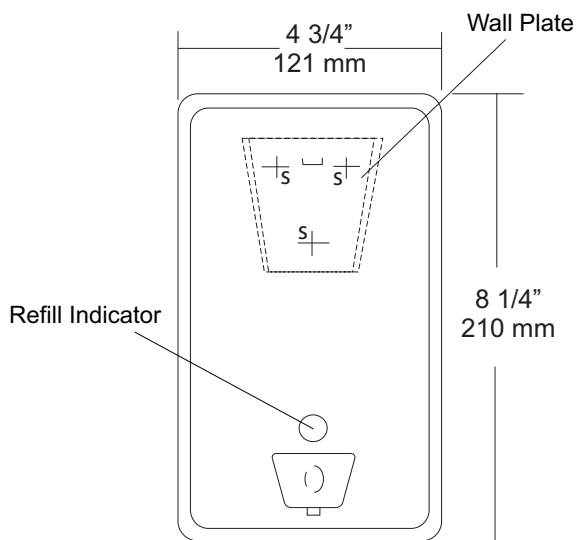
Revision 11/14

JOB #:

ITEM #:

QUANTITY:

MOUNTING	HANDING	TYPE	SIZE	OTHER



**SPECIFICATIONS**

**Soap Tank:** Fabricated of #20 ga stainless steel, #4 satin finish, fully welded one-piece construction.

**Valve:** All purpose antibacterial soap valve cylinder, black molded plastic push style valve that takes less than 5 lbs of force and one hand to operate complies with barrier free guidelines when mounted at proper height.

**Viewer:** Clear plastic window allows a constant fluid level check.

**Concealed Mounting Plate:** Fabricated of heavy gauge stainless steel.

**Filler Cap:** Fabricated of stainless steel, hinged to allow easy servicing, secured with special key that creates a vandal resistant dispenser.

**Overall Size:** 4 3/4"W x 8 1/4"H x 3 3/4"D (wall to valve)

**121mm x 210mm x 95mm**

**Capacity:** 40 oz.

**Recommend type soaps without chloric solutions for proper operation.**

**INSTALLATION**

Provide an area on mounting surface at desired or specified location. Secure concealed mounting plate to wall surface with proper fasteners. Slide dispenser down over mounting plate and secure by means of set screw located inside tank. Fill unit with proper soap. Close lid and secure with special key. Test valve for proper operation.

\*It is not recommended to mount any soap dispenser on mirrors

\*\*For best performance, use pre-mixed low concentrate solutions. Dispensers should have periodic maintenance performed to insure the life dispenser. Rinse out globe and valve with warm water to avoid sludge buildup.

Preventative Maintenance: Each dispenser should be flushed out aprx. Every 30 days with warm water to prevent valve from clogging with old soap. Do not use abrasive cleaners to clean dispenser.

**NOTES**



# U1521EA Series

## Stainless Steel Hands Free Dryer

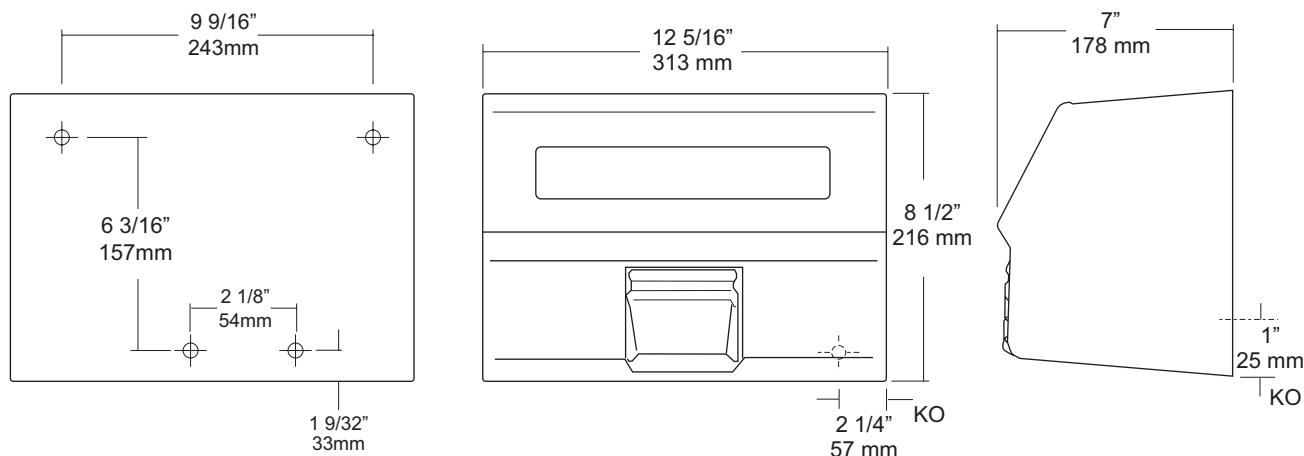
Revision 11/14

JOB #:

ITEM #:

QUANTITY:

MOUNTING	HANDING	TYPE	SIZE	OTHER



### SPECIFICATIONS

**Motor:** Brushless, 1/8 hp, 3450 RPM capacitor initiated with non-lubricating bearings and thermally protected against over heating. 66.1 dB.

**Fan:** Dynamically balanced to eliminate vibration & noise.

**Heating Element:** Dynamically balanced to eliminate vibration & noise. 2300 watt nichrome coil would element on state of the art convective cooling system. Ambient temp produced at nozzle is 70 degrees F.(21 C) Unit is protected by an integral thermal safety circuit breaker.

**Timer:** Fully enclosed, non-mechanical timer, that automatically turns off when hands are moved away from path of sensor.

**Electric Eye:** Sensor allows a hands free operation. When sensor beam path is disturbed, dryer will automatically turn on. When hands move away from beam, dryer stops.

**Cover:** Fabricated of #18 ga stainless steel, #4 satin finish, spot welded to form one piece unibody construction. Cover is secured to base with two tamper resistant fasteners. Special key provided to remove cover. All seams polished smooth.

**Nozzle:** Fixed chrome plated nozzle that can be changed from fixed to 2 position in the field.

**Base:** One piece #14 ga steel with 3/4" returns to wall surface for maximum strength and rigidity.

Unit	Volts	Amps	Cycles	Cover
U1521EA	120V	110-120	20 60	S/S
U1521EA	230V	220-230	10 60	S/S

**Overall Size:** 12 5/16"W x 8 1/2"H x 7"D  
313mm x 216mm x 178mm

### INSTALLATION

Coordinate installation with contractor, architect and licensed electrician. Transfer mounting points to wall surface with supplied templates. Check all code requirements for proper mounting heights. Secure base with proper fasteners for each application. Properly connect power supply to dryer. Test dryer for operation. Secure cover to base with supplied theft resistant fasteners(2). Test dryer again after cover is secured. Dryers have a full five (5) year warranty to original purchaser against defective materials and workmanship. Unit must be installed by a qualified licensed electrician.

Mounting	Hands	Hair
Men	46" (1168mm)	73" (1854mm)
Women	44" (1118mm)	68" (1727mm)
Physically Impaired	38" (965mm)	46" (1168mm)
Children 6-10	34" (864mm)	43" (1092mm)
Children 11-14	42" (1067mm)	56" (1422mm)

\*Above are recommended mounting heights from lower mounting point above the finished floor.

### NOTES

Formerly Model #: U1521EA



# U450-21

Surface Mounted Waste Receptacle

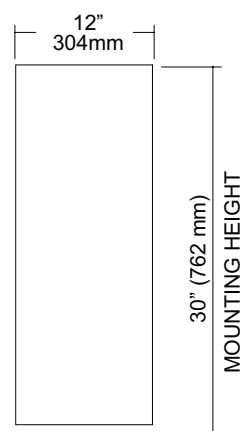
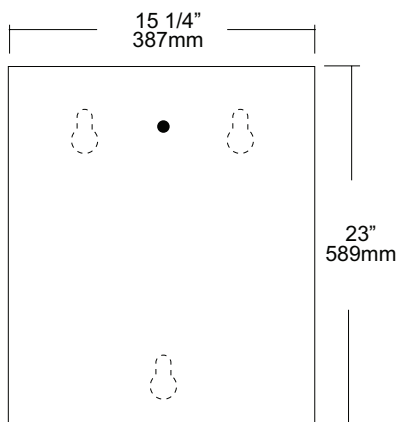
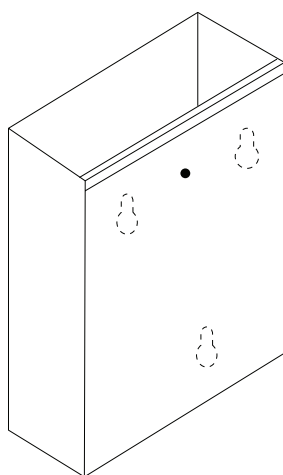
Revision 03/11

JOB #:

ITEM #:

QUANTITY:

MOUNTING	HANDING	TYPE	SIZE	OTHER



## SPECIFICATIONS

**Waste:** Fabricated of #22 ga stainless steel with a #4 satin finish on all exposed surfaces. All leading edges are hemmed and have a radius to prevent injury.

**Back:** Fabricated of stainless steel formed for rigidity with multiple welds to cabinet body.

**Overall Size:** 15 1/4"W x 23"H x 12"D

**387mm x 584mm x 305mm**

**Waste Capacity:** 21 gallons (2.8 cu ft)

### Options:

-CV: Covered Waste

-VL2: 25 gallon liner

## INSTALLATION

Provide an area on wall surface at desired or specified location. Hold unit to wall surface, making sure unit is level and transfer mounting points. Drill pilot holes. Using proper fasteners per application, secure unit to wall surface.

## NOTES

Formerly Model #: U465



# U472-13 Free Standing Waste Receptacle

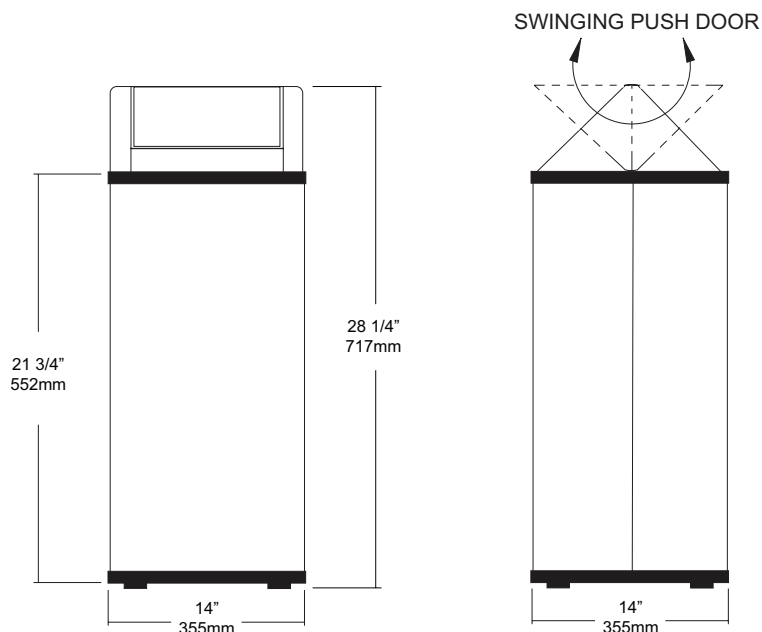
Revision 03/11

JOB #:

ITEM #:

QUANTITY:

MOUNTING	HANDING	TYPE	SIZE	OTHER



## SPECIFICATIONS

**Body:** Fabricated of #22 ga stainless steel with a #4 satin finish. Fully welded construction to form a one-piece body with radius corners to prevent injury. Each corner has an additional angled bracket to insure maximum rigidity.

**Swing Top:** Fabricated of #20 ga stainless steel with #4 satin finish. Fully welded construction and heavy duty internal mechanism allows flip top to pivot in both directions. All areas around opening have been hemmed and deburred to prevent injury.

**Base:** Fabricated of stainless steel welded to body with multiple welds.

**Bumpers:** Top and bottom wall vinyl bumpers protect wall surface from damage when receptacle is being moved around or serviced.

**Feet:** Rubber feet provide unit stability and prevent floor from being scratched.

**Overall Size:** 14"W x 28 1/4"H x 14"D

**355mm x 717mm x 355mm**

**Waste Capacity:** 13 gallons (1.73 cu ft)

## INSTALLATION

Waste receptacles can be placed in area that will not interfere or obstruct passage areas. Units can be easily serviced by removing swing top and emptying contents.

## NOTES

Formerly Model #: U470-13/473

## U640

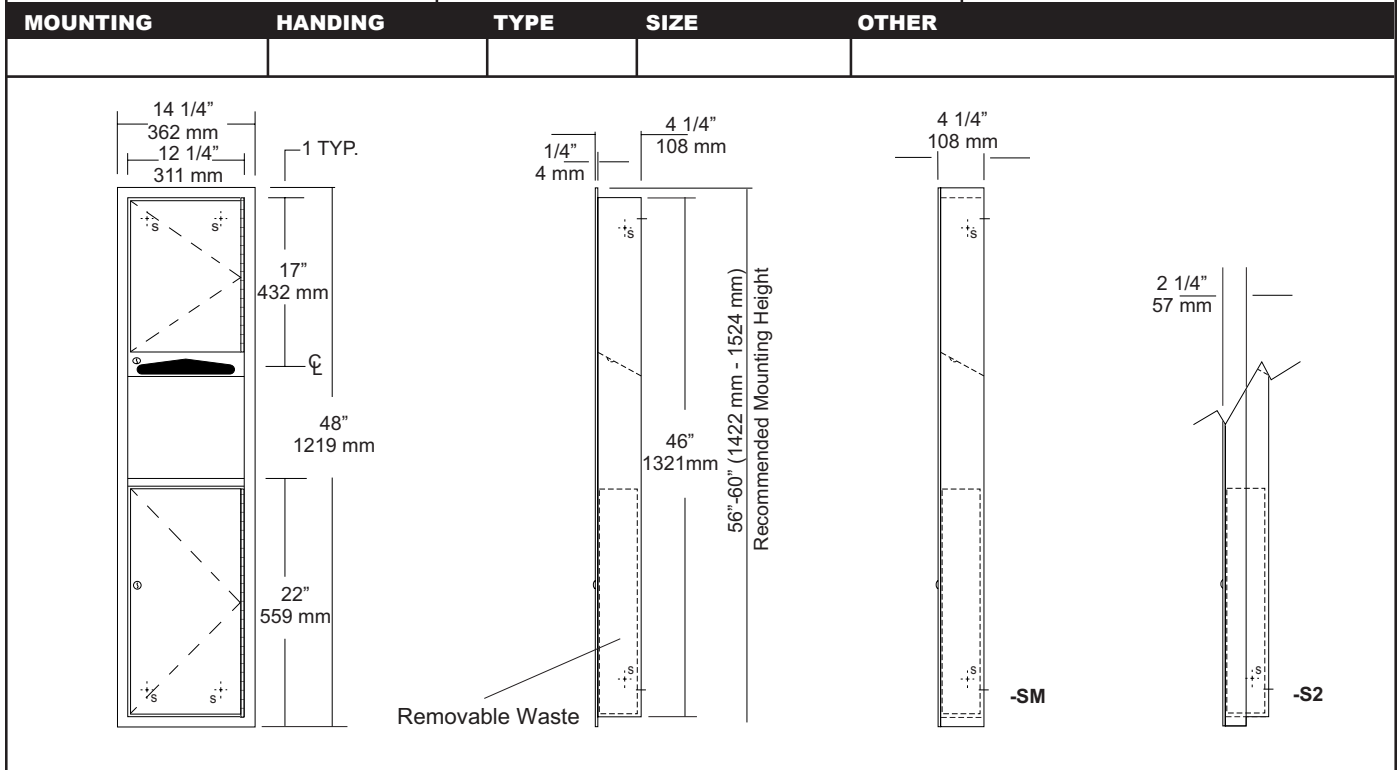
Folded Towel & Waste Combination Unit

Revision 03/11

JOB #:

ITEM #:

QUANTITY:



### SPECIFICATIONS

**Body:** Fabricated of #22 ga stainless steel with a #4 satin finish.

**Flange:** Fabricated of #22 ga stainless steel with #4 satin finish and 1/4" returns to wall, no miters or welds.

**Cabinet Back:** Fabricated of stainless steel formed for rigidity with multiple welds to cabinet body.

**Cabinet Door:** Fabricated of #22 ga stainless steel with #4 satin finish with full length door stop to prevent vandalism

**Towel Dispenser:** Dispensing area has hemmed edges to prevent injury and towel tearing.

**Removable Waste:** Stainless steel removable waste, with heavy duty handle for easy removal.

**Hinges:** Heavy duty, full length, stainless steel piano type hinge.

**Lock:** Pin tumbler commercial quality keyed like all other AJW cabinets.

**Collars:** Fabricated of #22 ga #4 satin finish stainless steel finished to match cabinet body.

**Overall Size:** 14 1/4"W x 48"H x 4 1/4"D  
362mm x 1219mm x 108mm

**Wall Opening:** 12 3/4"W x 46 1/2"H x 4"D  
324mm x 1181mm x 102mm

**U640-S2:** semi-recessed with 2" collar. (2" wall opening 51mm)

**U640-SM:** Surface mounted with full skirt.

**Towel Capacity:** 600 c-fold or 800 multifold

**Waste Capacity:** 3 gallons (.40 cu ft)

### INSTALLATION

Coordinate installation with contractor and architect to avoid interference with pipes vents etc. Provide a rough wall opening 12 3/4"W x 46 1/2"H. Wall opening depth will depend on style mounting. If a collar is required, slip over back of unit. Remove waste & install unit in opening. Make sure cabinet will sit flush in wall and secure with proper fasteners per application. Install waste back into cabinet and load paper towels.

When cleaning cabinet, use a soft cloth, a non-abrasive or chloric solutions.

### NOTES

## UG120-U

Grab Bars

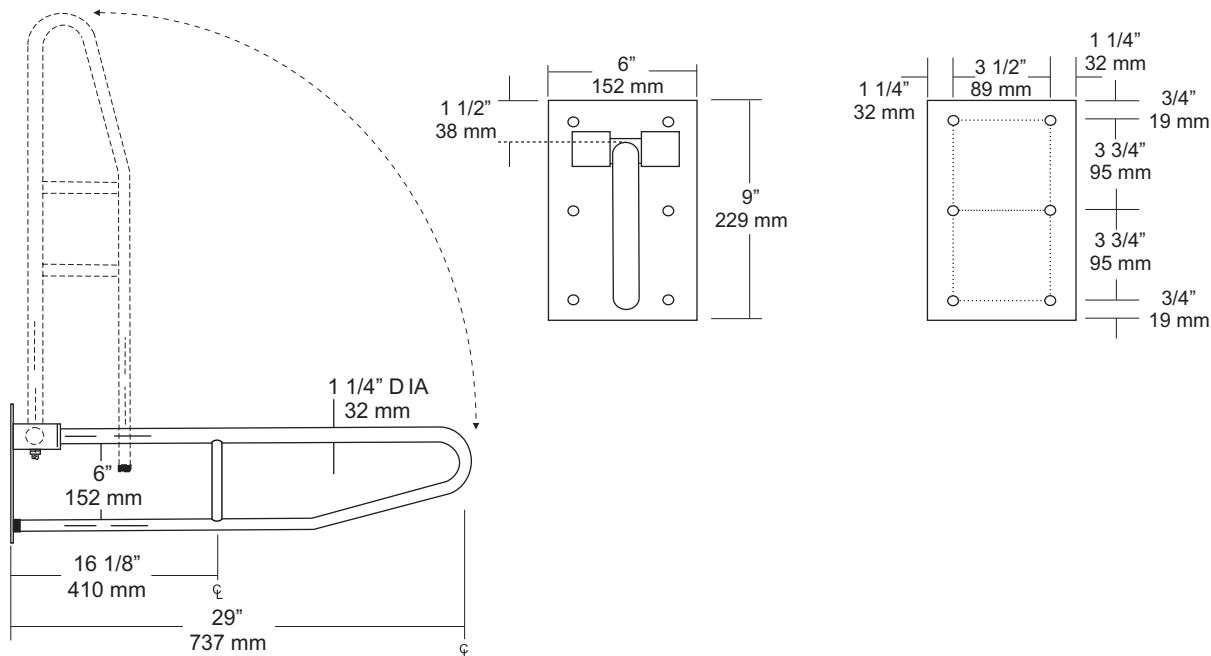
Revision 1/14

JOB #:

ITEM #:

QUANTITY:

MOUNTING	HANDING	TYPE	SIZE	OTHER



### SPECIFICATIONS

**Mounting Plate:** Fabricated of #11 ga stainless steel, #4 satin finish with 6, 1/4" dia exposed mounting points.

**Bar:** #18 ga, 1 1/4" diameter, stainless steel with a #4 satin finish. All bends formed by an automatic mandrel bending process which maintains a uniform bar diameter around bends.

**Gripping Surface:** Standard surface is satin finish. Use suffix X for peened grip. (Anti-slip)

**Intermediate Supports:** Same material as bar with contour cuts that are heliarc welded.

**Pivot Brackets:** Dual supports fabricated of #18 ga square stainless steel tube with capped ends.

**Tension Control Mechanism:** An adjustable clutch to control the amount of tension on the bar required to raise and lower the bar. This prevents bar from falling when in the up-right position.

**Check all state and local building codes for proper mounting heights and locations. ADA code specifies 33"-36" above finished floor for maximum mounting height.**

**When properly mounted, swing-up type bar will sustain a static load of 250 lbs.**

**Finish:**

**-PC:** White Powder Coat

### INSTALLATION

Installation: Coordinate installation with architect and contractor to avoid interference with toilet, stall doors, etc. Place unit on wall surface making sure unit is level, transfer mounting points and drill pilot holes. Secure unit with proper fasteners per application.

### NOTES



# UG2-A Grab Bars

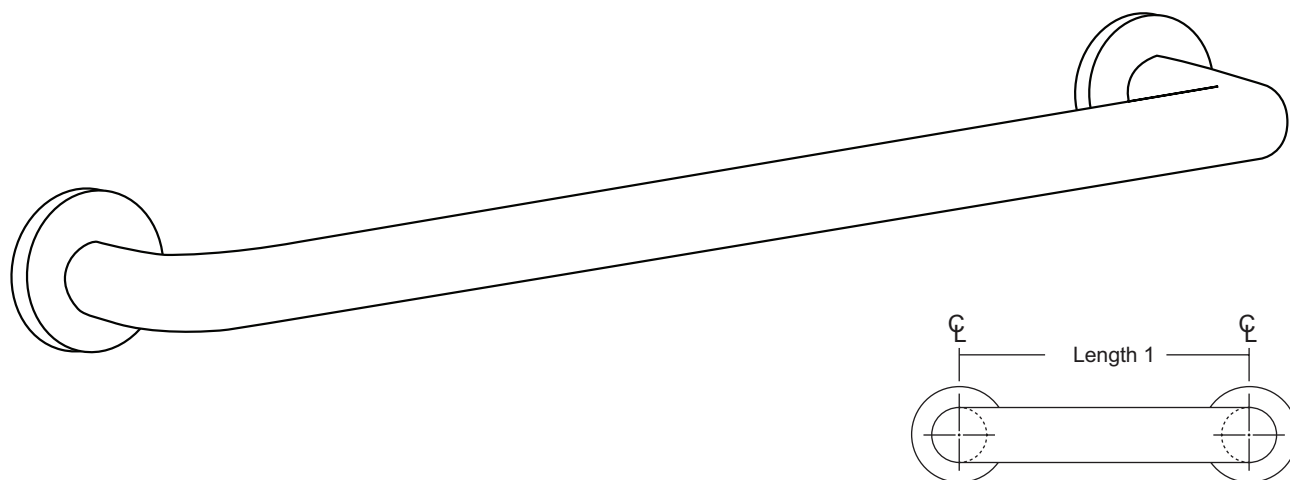
Revised 03/11

JOB #:

ITEM #:

QUANTITY:

MOUNTING	HANDING	TYPE	SIZE	OTHER



## SPECIFICATIONS & INSTALLATION

**Tubing:** Fabricated of #18 ga stainless steel with a #4 satin finish. Available in 1 1/4" outside diameter. All bends are formed by an automatic mandrel bending process. All bars maintain a constant 1 1/2" offset.

**Finish:** Standard finish is a #4 satin finish. For a non-slip finish (peened) add suffix X to model number. (Ex. UG2X-A)

**Flanges:** Snap flanges are fabricated of 3" diameter, 3/8" deep drawn #22 ga stainless steel with #4 satin finish to match tubing. Flanges have dimples that secure over mounting plate.

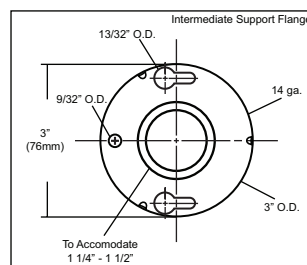
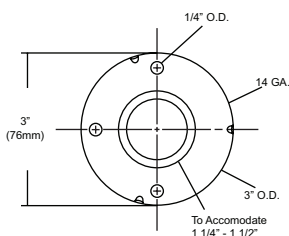
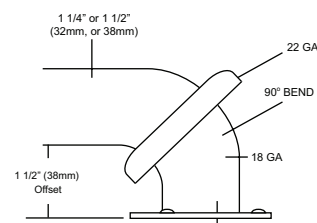
**Strength:** Bars with a 1 1/2" offset clearance will support loads in excess of 900lbs when properly installed. Bars with greater offsets will support loads up to 250lbs when properly installed.

**Installation:** Before installing grab bars, verify with all state and local codes for requirements on bar diameter and type finish. Recommended mounting heights for grab bars are 33" - 36" centerline above finished floor. All mounting of grab bars when possible should have in wall mounting back plates. Find centerline mounting points and place bar on line making sure to be on center. Transfer mounting points (3 per flange) to wall. Drill pilot holes and secure bar with proper anchors per application. Snap cover over mounting plate.

**Standard Lengths (Other sizes available upon request):** 12", 16", 18", 24", 30", 32", 36", 42", 48", 50", 52", 54", 56"

## NOTES

## FLANGE INFORMATION





# UX71-BF

Toilet Tissue Dispenser

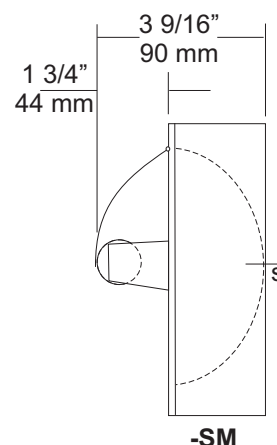
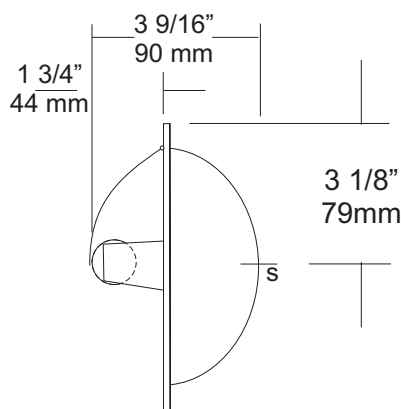
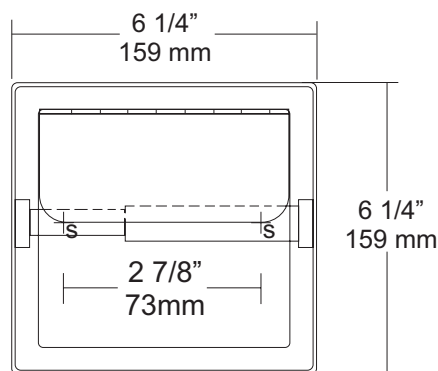
Revision 03/13

JOB #:

ITEM #:

QUANTITY:

MOUNTING	HANDING	TYPE	SIZE	OTHER



## SPECIFICATIONS

**Shell and Flange:** Drawn one piece construction fabricated of #22 ga stainless steel with a bright finish. Two mounting points allow unit to be secured to mounting clamps or framing in wall opening.

**Hood:** Fabricated of bright stainless steel, secured to shell by a welded hinge.

**Support Posts:** Heavy duty cast Zamac with bright chrome finish to match shell.

**Spindle:** Spring loaded, chrome plated plastic roller.

**Collars:** #22 ga stainless steel finished to match unit.

**Overall Size:** 6 1/4\"W x 6 1/4\"H x 3 9/16\"D

**159mm x 159mm x 92mm**

**Wall Opening:** 5 1/4\"W x 5 1/4\"H x 2\"D

**133mm x 133mm x 51mm**

**UX71-SM:** Surface Mounted Single Roll Dispenser with Hood.

**UX71-SF:** Same as UX71-BF with satin finish.

**UX71-SF-SM:** Same as UX71-SF-SM with satin finish.

**Optional U007 Theft Resistant Adapter:** Prevents spindle from being removed until roll has been depleted.

## INSTALLATION

Provide a wall opening at desired or specified area and coordinate with architect or contractor to avoid interference with pipes, vents etc. In wall. See specification for proper wall openings. Secure unit in wall opening with proper fasteners and clamps per application. Insert roller into roll core depress one side and install on posts.

**Toilet Paper Dispensers:** All dispensers that are to meet ADA code cannot have any type of controlled delivery. (4.16)

**Mounting Clamps:**

**B Clamp:** Conventional type, secured to back side of front wall. (Used on UX71 series)

**C Clamp:** For cement, mortar or mud-in installations.(Tile)

**Note: Mounting Clamps are optional and must be ordered separately.**

## NOTES