



# Esophageal Dilator Wall-Mount Storage Cabinet

## *Instructions for Use*

*Read carefully prior to use.*



Manufactured For:  
**Diversatek Healthcare**

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## PRODUCT SPECIFICATIONS

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Dilator Storage Capacity	Size Closed	Size Open	Weight Empty
24	19"W x 4"D x 38"H	38"W x 2"D x 38"H	33 lbs

### Features:

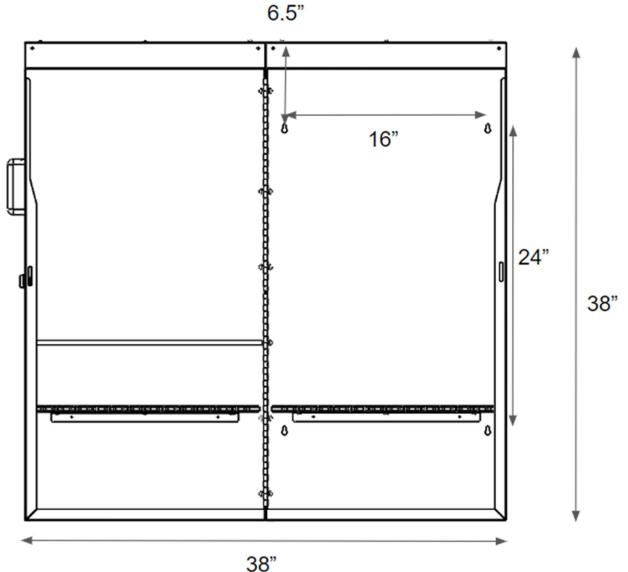
- Slim design allows for 24 vertical hung dilators
- Patent Pending, FDA compliant soft grip system for 5mm to 20mm dilators
- Key locking system
- 405nm disinfecting light
  - Electromagnetic spectrum: Visible spectrum 405nm
  - Electrical Specs: 120V 0.5A Outlet required for AC/DC Power supply providing 12V 0.5A to LED lights
  - Lights are waterproof
- HEPA filtering system
  - Filter Size and rating: 99.97% of the 0.3-micron particles
  - Electrical Specs: 120V 0.5A Outlet required for AC/DC Power supply providing 12V 0.5A to fans
  - Two Fans: 12V DC, 33Db(A), 17 CFM each

## INSTALLATION INSTRUCTIONS

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Before installation of the Esophageal Dilator Wall-Mount Storage System, check that proper clearance between the floor, rub rails, ceilings, and other objects is available for the unit to be at an appropriate height and the doors to fully swing open. See individual diagrams for keyhole locations to calculate desired hole location. It recommended that the top <sup>1</sup> of the cabinet is no higher than 72" off the ground for ease of use.

The Esophageal Dilator Wall-Mount Storage System is outfitted with four keyhole slots that allow for #8 or #10 size pan head screws for installation to the wall. If wall stud installation is available, it is recommended that the top two screws are attached to the wall first, allowing the Esophageal Dilator Wall-Mount Storage System to be hung on those top two screws. Once the unit is hung, the top two screws can be tightened down and then the bottom two screws installed after. If wall stud installation is not available, then appropriately sized anchors must be placed in the wall substrate first and screws attached per anchor recommendations. **All screws must be attached into studs or appropriate anchors and screws must be used that can hold a total 100 lbs.**



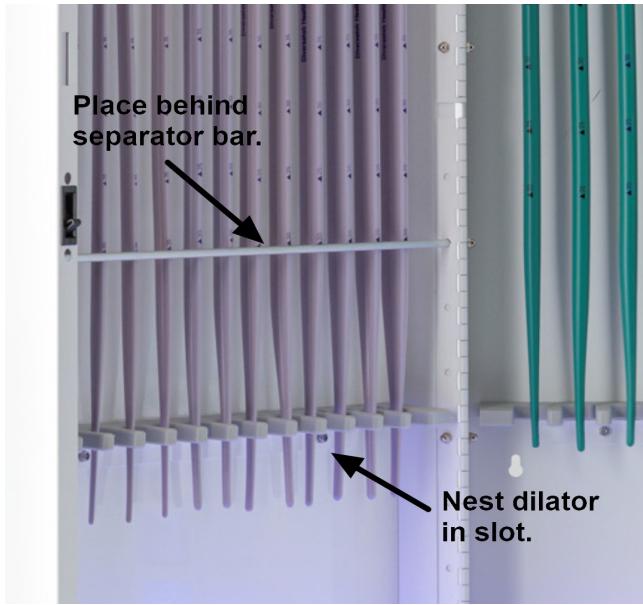
## INSTRUCTIONS FOR USE

Note: The doors should be closed and locked at all times except when removing or replacing dilators / bougies into the storage unit. Single insert key into lock and turn 90 deg to lock/unlock unit.

## Storing Dilators / Bougies

To properly store a dilator/bougie, simply hold the dilator about 5 inches from the proximal non-tapered (non-insertion) end. Align the end of the dilator with an open slot in the storage unit and gently press the dilator up into the gasket until the top of the dilator stops at the top of the cabinet. This should be about 2 inches into the gasket. Be sure to insert the dilator gently to avoid damage to the dilator. Ensure that the dilator is hanging vertically and the distal end is nested into its own slot and is not touching any other dilators. If the dilator is in the door section of the storage unit, be sure the dilator is behind the separator bar. See diagram below.

**Note: Do not hang M-Flex® Blue Silicone Bougies.**



#### **Removing Dilators / Bougies**

To remove a dilator from the storage unit, use one hand to grab the distal end of dilator and the other hand to firmly grip the upper most exposed area for the dilator. Then, slowly and gently pull down on the dilator (estimated force is 0.5-2 lbs). Use caution to not allow the dilator to touch other dilators or the bottom of the cabinet, this will ensure maximum cleanliness and reduce any chance of damage to the dilator.

#### **HEPA Filter / Fan System**

The fans run continuously and require no interaction from the user before scheduled maintenance. Plug in the power adapter to the wall outlet, then insert jack into the cable receptacle coming out of the bottom of the cabinet. See maintenance section for filter replacement details.

#### **405nm Disinfecting Light Strip**

The lights run continuous and require no interaction from user before scheduled maintenance. Plug in power adapter to wall outlet, use extension cable if needed, then plug power jack into receptacle on the bottom for the cabinet. There is no scheduled maintenance.

## **CLEANING**

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The shell of the storage unit is made from epoxy powder-coated steel. The handle is aluminum. The gasket for holding the dilators is FDA approved food grade silicone. All surfaces may be cleaned using any standard hospital grade cleaner. These include but are not limited to cleaning agents containing peroxide (up to 4%), chlorine/bleach, alcohol, or ammonia. The unit should be wiped down using standard disinfecting wipes or a spray applied to a soft cloth to minimize scratching.

A specially designed beaker cleaning brush is available to clean the outer and inner portions of the soft grip gasket inside the storage cassette. Please see “Replacement Parts” section for part number and ordering information. To clean the inside of the cassette, apply your preferred hospital approved cleaner to a soft cloth or the bristles of the brush. Gently run the cloth or brush up and down (in and out) the gasket several times to ensure all inner surfaces have come in contact with the dilators. It is recommended that high touch areas, such as the handle and external cabinet surfaces, be cleaned daily or in compliance with Facility guidelines. It is also recommended that the cassette gasket and the separator slots, along with the interior of the cabinet, be cleaned once a month or in compliance with Facility guidelines.

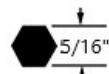
## MAINTENANCE

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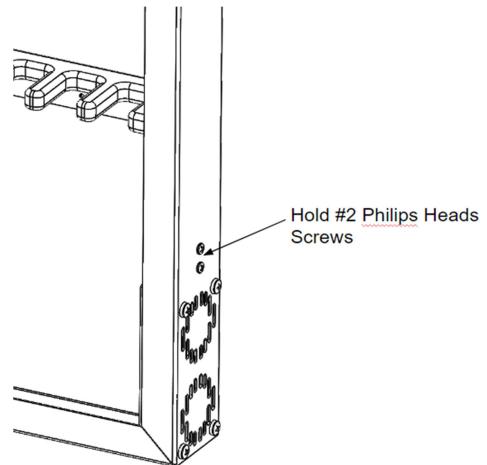
### HEPA Filter

The HEPA filter should be replaced every 6 months or upon visual inspection of excessive dirt buildup.

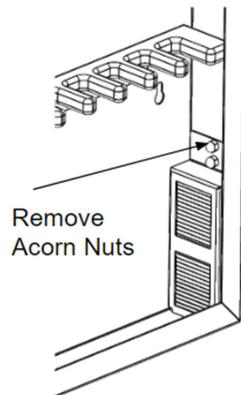
Tools Required: Philips Screws Driver and 5/16" Nut driver



**Step 1:** Hold Screws from rotating with screwdriver

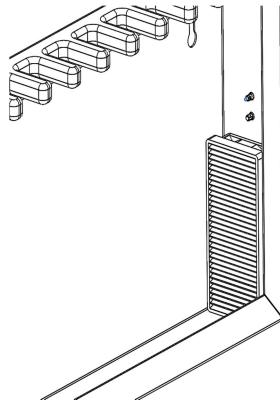


**Step 2:** Remove acorn nuts with nut driver



**Step 3:** Remove and replace HEPA filter.

**Step 4:** Replace cover and attached with acorn nuts and screws.



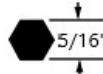
## **Soft Grip Gasket**

In the event of damage or wear overtime, the gasket in the dilator storage cassette can be replaced.

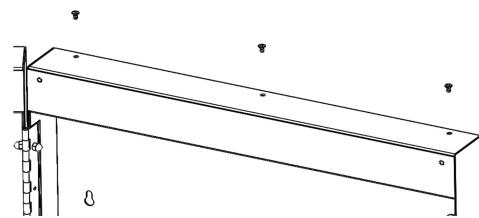
Tools Required:



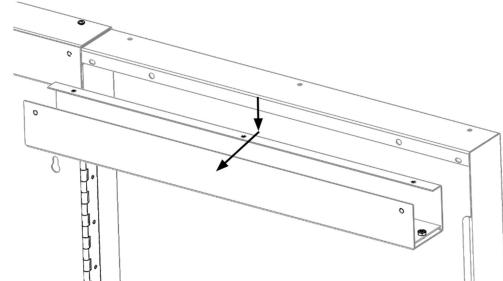
Phillips



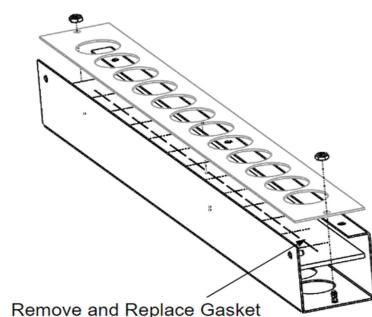
**Step 1:** Remove top screws from cassette.



**Step 2:** Remove the cassette by lowering down and pulling out.



**Step 3:** Remove two nuts from inner cassette, lift off plate, and remove and replace inner gasket.

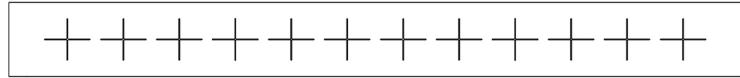


**Step 4:** Re-assemble unit.

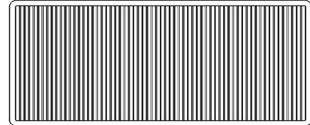
## REPLACEMENT PARTS

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Replacement Soft Grip Gasket  
Part # 1214-75



Replacement HEPA Filter  
Part #1214-73



Storage Cabinet Cleaning Brush  
(10/cs)  
Part #1214-74

