



Medi-Vac® Suction and Fluid Collection Products

# CRD™ Suction Canister System

  
**CardinalHealth**  
*Essential to care™*

# Medi-Vac<sup>®</sup> suction and fluid collection products

As the industry leader in suction canisters, Cardinal Health is proud to offer three different suction canister systems to meet the diverse fluid collection and disposal needs of your facility. Our broad portfolio of CRD<sup>™</sup>, Flex Advantage<sup>®</sup> and Guardian<sup>™</sup> systems focuses on providing safe, convenient and economical solutions.

The CRD<sup>™</sup> semirigid liner suction canister system is one of the most economical and widely used fluid waste collection systems in the healthcare industry. The CRD<sup>™</sup> system provides the benefits of both hard canisters and flexible liner products. CRD<sup>™</sup> semirigid liners are sturdy, yet lightweight, easily stacked for storage and readily compacted, thus helping to minimize the volume of red bag waste. In addition, CRD<sup>™</sup> semirigid liners weigh as much as 50 percent less than similar-sized hard canisters, which can translate into significant red bag disposal savings for your facility.

**For more information about the CRD<sup>™</sup> system or to place an order, please contact your Cardinal Health sales representative, call customer service at 800.964.5227 or visit [cardinalhealth.com/medivac](http://cardinalhealth.com/medivac).**

# Disposable semirigid liners

CRD™ disposable liners are easily assembled by snapping the lid onto the liner. Engineered for clinician safety, CRD™ lids contain integrated filters and shut-off valves. The lids also lock into place after assembly in order to minimize the risk of spillage during the transport process.

CRD™ disposable liners require the use of a reusable outer canister. Cardinal Health offers various types of reusable outer canisters, to meet the diverse needs of your facility.

CRD™ disposable liners are also available in kits. For more information, please contact your Cardinal Health sales representative.



## 1000cc liner

Cat. No.	Qty.
65651-510	100/cs



## 1500cc liner

Cat. No.	Qty.
65651-515	100/cs



## 3000cc liner

Cat. No.	Qty.
65651-530	50/cs

# Reusable outer canisters

Reusable clear plastic canisters used to hold the disposable semirigid liners.



## Canister with built-in on/off valve

Reusable polycarbonate canister/bracket assembly for use with disposable CRD™ liner. Has preattached bracket assembly with built-in on/off valve and preattached tubing for connection to disposable liner.

Cat. No.	Size	Technical information	Qty.
65652-511	1000cc	Wall to outer edge of canister: 8 in.	1/cs
65652-516	1500cc	Wall to outer edge of canister: 9 in.	1/cs
65652-531	3000cc	Wall to outer edge of canister: 10¾ in.	1/cs



## Canister for wall mount

Reusable polycarbonate canister/bracket assembly for use with disposable CRD™ liner. Bracket assembly has preattached tubing for connection to disposable liner.

Cat. No.	Size	Technical information	Qty.
65652-513	1000cc	Wall to outer edge of canister: 8 in.	1/cs
65652-518	1500cc	Wall to outer edge of canister: 9 in.	1/cs
65652-533	3000cc	Wall to outer edge of canister: 10¾ in.	1/cs



## Canister with extended bracket for regulator (with D.I.S.S. and hose assembly)

Reusable polycarbonate canister/bracket assembly for use with disposable CRD™ liner. Used to mount regulator on bracket assembly. Comes with the following preattached: 65652-131 Universal female D.I.S.S. Preattached tubing for connection to canister.

Cat. No.	Size	Technical information	Qty.
65652-512	1000cc	Wall to outer edge of canister: 12¾ in.	1/cs
65652-517	1500cc	Wall to outer edge of canister: 13¾ in.	1/cs
65652-532	3000cc	Wall to outer edge of canister: 15¾ in.	1/cs

# Reusable outer canisters (continued)



## Canister with D.I.S.S. (Diameter Index Safety System) for direct to regulator connection

Reusable polycarbonate canister/bracket assembly for use with disposable CRD™ liner. Connects reusable outer canister directly to vacuum regulator where no wall mount is available.

Cat. No.	Size	Technical information	Qty.
65652-555	1000cc	Arm to outer edge of canister: 7¼ in.	1/ea
65652-562	1500cc	Arm to outer edge of canister: 9 in.	1/ea



## Canister with tee connection

Reusable polycarbonate canister for use with disposable CRD™ liner.

Cat. No.	Size	Technical information	Qty.
65652-553	1000cc	Used with 65652-584 or 65652-585 rings	1/ea
65652-551	1500cc	Used with 65652-563 or 65652-567 rings	1/ea
65652-550	3000cc	Used with 65652-561	1/ea

# Reusable base stands and ring brackets

## Base Stands

Holders for CRD™ reusable canisters.



## Single-Canister Base Stand

Holds CRD™ canister for mounting on surfaces such as portable pumps, shelves and carts. Double-sided foam tape for mounting is preattached.

Cat. No.	Size	Qty.
65652-582	1000cc	1/ea
65652-574	1500cc	1/ea



## Single-Canister Roll Stand

Holds one CRD™ canister. Mounted on four casters for stability and mobility.

Cat. No.	Size	Qty.
65652-575	1500cc	1/ea
65652-570	3000cc	1/ea

## Ring Brackets

Reusable ring brackets are constructed of durable polycarbonate for years of maintenance-free use.

Brackets slide into a wall plate or roll stand.



## Close-to-wall CRD™ ring bracket

Cat. No.	Technical Information	Size	Qty.
65652-585	Used with 65652-553 canister; wall to outer edge of ring: 7¼ in.	1000cc	1/cs
65652-567	Used with 65652-551 canister; wall to outer edge of ring: 8¼ in	1500cc	1/ea
65652-565	Used with 65652-550 canister; wall to outer edge of ring: 10 in.	3000cc	1/ea



## CRD™ ring bracket extended for regulator

Cat. No.	Technical Information	Size	Qty.
65652-584	Used with 65652-553 canister; wall to outer edge of ring: 9¼ in.	1000cc	1/ea
65652-563	Used with 65652-551 canister; wall to outer edge of ring: 10¼ in.	1500cc	1/ea
65652-561	Used with 65652-550 canister; wall to outer edge of ring: 11¼ in.	3000cc	1/ea

# Reusable roll stands

## Roll stands

Roll stands allow flexibility in the location and configuration of Medi-Vac® canister (CRD™, Flex Advantage® or Guardian™ systems) installations.



30 in. Roll stand



30 in. Roll stand with regulator mount



20 in. Roll stand



20 in. Roll stand with regulator mount



11 in. Roll stand



11 in. Roll stand with regulator mount



30 in. Eight-canister dual-head roll stand

## Four-canister roll stand, 30 in.

30 in. from floor to canister top. Four slide mounting locations for canister placements.

Cat. No.	Description	Qty.
65652-586	30 in. roll stand	1/ea
65652-596	30 in. roll stand with regulator mount	1/ea

## Four-canister roll stand, 20 in.

20 in. from floor to canister top. Four slide mounting locations for canister placements.

Cat. No.	Description	Qty.
65652-500	20 in. roll stand	1/cs
65652-510	20 in. roll stand with regulator mount	1/cs

## Four-canister roll stand, 11 in.

11 in. from floor to canister top. Four slide mounting locations for canister placements.

Cat. No.	Description	Qty.
65652-587	11 in. roll stand	1/ea
65652-597	11 in. roll stand with regulator mount	1/ea

## Eight-canister dual-head roll stand, 30 in.

Each head has four slide mounting locations for canister placement (holds a total of eight canisters).

Cat. No.	Description	Qty.
65652-686	30 in. roll stand	1/cs

# Reusable accessories

Medi-Vac® reusable accessories are the common denominators for all Medi-Vac® suction systems. The valves, manifolds and connectors work in conjunction with CRD™, Flex Advantage® and Guardian™ suction canister systems. These interchangeable parts make it easy to customize and change your suctioning systems.

## Wall plate and adapter

Attachment devices for use with ring brackets.



Variable height adapter

## Variable height adapter (low boy)

Used with existing wall plate to attach ring brackets at varying heights below the original wall plate height.

Cat. No.	Qty.
65652-134	1/ea



Wall plate

## Wall plate

Used to attach ring brackets to a vertical surface. Pre-drilled with four 1/4 in. holes.

Cat. No.	Qty.
65652-145	1/ea

## Vacuum manifolds

Used to connect one vacuum source to multiple canisters.



Four-canister manifold

## Four-canister manifold

Used to connect one vacuum source to four canisters.

Cat. No.	Qty.
65652-004	1/cs



Three-canister manifold

## Three-canister manifold

Used to connect one vacuum source to three canisters.

Cat. No.	Qty.
65652-003	1/cs



Two-canister manifold

## Two-canister manifold

Used to connect one vacuum source to two canisters.

Cat. No.	Qty.
65652-002	1/cs

## Bracket

Support device for a regulator.



Regulator bracket

## Regulator bracket

Used to attach regulator to wall plate or mobile suction cart.

Cat. No.	Qty.
65652-149	1/ea



## D.I.S.S. connection accessories

Allow use with standard vacuum regulator Diameter Index Safety System (D.I.S.S.) connections.



Male D.I.S.S. (metal)



Universal female D.I.S.S.

## Valve



In-line vacuum on/off valve

## Connectors

Allows customization of your suction system.



Tee connection



Pigtail connector



Tubing barb

## Male D.I.S.S. (metal)

Metal replacement for plastic adapter 1/8 in. national pipe thread metal adapter.

Cat. No.	Qty.
65652-137	1/ea

## Universal female D.I.S.S.

Used to support a regulator on a ring bracket or roll stand or to suspend a regulator ring bracket from a regulator. 1/8 in. national pipe thread plastic adapter.

Cat. No.	Qty.
65652-131	1/ea

## In-line vacuum on/off valve

Used to turn vacuum supply on and off as well as regulate the flow of the vacuum supply to the canister.

Cat. No.	Qty.
65652-580	1/ea

## Tee connection

Used to connect tubing for various applications.

Cat. No.	Qty.
65652-543	1/ea

## Pigtail connector

For connection to vacuum source on portable pumps or to connect large I.D. vacuum tubing to small tubing barbs. Contains latex. 3 in. latex tube attached to tubing barb.

Cat. No.	Qty.
65652-104	1/ea

## Tubing barb

Used to connect two pieces of tubing. Male to male.

Cat. No.	Qty.
65652-108A	1/cs

# Disposable accessories

Medi-Vac® disposable accessories make it easy to add auxiliary items to your system. Designed for use with CRD™, Flex Advantage® and Guardian™ systems, Medi-Vac® accessories are interchangeable to help you select the most effective setup for your needs.

## Specimen socks

Used to collect and retain specimens for analysis.



Standard specimen sock



Short specimen sock



Short specimen sock without stick



Large-port specimen sock



Female specimen sock

## Accessory port convertors

Used to convert the accessory port into an additional patient port.



Accessory port convertor



Accessory port convertor/large

## Standard specimen sock

Used to convert accessory port into a male port specimen retainer. Accepts up to 3/8 in. I.D. tubing with male port. Length 9 in.

Cat. No.	Qty.
65652-122	10/cs

## Short specimen sock

Used to convert accessory port into a male port specimen retainer. Accepts up to 3/8 in. I.D. tubing with male port. Length 4 1/2 in.

Cat. No.	Qty.
65652-123	10/cs

## Short specimen sock without stick

Used to convert accessory port into a male port specimen retainer. Accepts up to 3/8 in. I.D. tubing with male port. Length 4 1/2 in.

Cat. No.	Qty.
65652-132	10/cs

## Large-port specimen sock

Used to convert accessory port into a male port specimen retainer. Accepts 3/8 in. to 1/2 in. I.D. tubing with male port. Length 9 in.

Cat. No.	Qty.
65652-124	10/cs

## Female specimen sock

Used to convert the accessory port into a female port specimen retainer. Accepts tubing sets with preattached hard plastic (or metal) male end fittings. Length 9 in.

Cat. No.	Qty.
65652-169	10/cs

## Accessory port convertor

Used to convert the accessory port into an additional patient port. Accepts up to 3/8 in. I.D. tubing with male port.

Cat. No.	Qty.
65652-119	10/cs

## Accessory port convertor/large

Used to convert the accessory port into an additional patient port. Accepts 3/8 in. to 1/2 in. I.D. tubing with male port.

Cat. No.	Qty.
65652-120	10/cs

## Tubing

Flexible, connecting tubing to adapt your system for various setups.



Bulk connecting tubing

## Bulk connecting tubing

Used to connect vacuum source to canisters and manifolds.

Cat. No.	Description	Qty.
516500	8mm I.D.	100 ft. roll/bx; 4bx/cs



CRD™ and Guardian™ tandem tube

## CRD™ and Guardian™ tandem tube

Use to connect canisters in a series for high-volume setups. Not compatible with Flex Advantage® liners.

Cat. No.	Description	Qty.
65652-542A	18 in. long x 8 mm I.D.	30/cs

## Critical measure

Small-volume measuring device.



Universal critical measure

## Universal critical measure

Used to closely monitor collected fluid volume when precise measurements are needed.

Cat. No.	Description	Qty.
65651-700	Graduated in 5cc increments up to 300cc, fits over pour/accessory port, includes 12 in. tandem tube	50/cs

## Right-angle adapter

Special-use connector.



Right-angle adapter

## Right-angle adapter

Used to connect patient tubing to CRD™ and Guardian™ patient ports at a 90° angle.

Cat. No.	Qty.
65652-107	50/cs



Right-angle adapter for Flex Advantage® patient port and CRD™ and Guardian™ ortho ports

## Right-angle adapter for Flex Advantage® patient port and CRD™ and Guardian™ ortho ports

Used in 90° right-angle connections.

Cat. No.	Qty.
65652-109	50/cs

# Multiple CRD™ canister tandem assembly

This is a four-canister tandem setup to be used when fluid collection of as much as 12,000cc is anticipated. Other configurations are available to meet your specific suctioning requirements.



Multiple CRD™ canister tandem assembly



Canister with built-in on/off valve  
65652-511 1000cc  
65652-516 1500cc  
65652-531 3000cc



Short specimen sock  
65652-123



Tandem tube  
65652-542A



Four-canister manifold  
65652-004



30 In. Roll stand with regulator mount  
65652-596

# Assembly options

The CRD™ system is available in several assembly options, allowing for flexibility at the point of use.



## Direct to regulator assembly

This is a CRD™ canister direct to regulator installation.

**CAUTION:** This installation can cause stress on the regulator-to-wall connection.



## Wall-mount single-canister assembly

This is a wall-mount single-canister installation, typical of a patient room situation. The CRD™ reusable outer canister is available with or without the on/off valve.



## Base-mounted assembly

This is a typical base-mounted installation, commonly used on portable vacuum pumps, shelves, etc. The CRD™ reusable outer canister is available with or without the on/off valve.

# SAF-T Pump™ waste disposal system

The SAF-T Pump™ system quickly and safely empties canisters containing infectious liquid medical waste into the sanitary sewer with no pouring required.

- **Fast** — drains one liter of fluid in just 4 seconds
- **Powered entirely by tap water** — no moving parts to wear out
- **Easy to use** — just insert a dip tube into your suction canister, connect the pump and turn it on
- **Avoids the added expense of full canister disposal**
- **Accommodates all Medi-Vac® suction canister and liner sizes** — basket holds multiple canisters securely
- **Provides a closed system** when used with Medi-Vac® canisters

## SAF-T Pump™ system and accessories for the CRD™ system

Cat. No.	Description	Qty. Cs
65652-000	SAF-T Pump™ system	1
65652-008	Dip tube, 8 ¼ in.	50
65652-024	Pump tube, 24 in.	10
65652-001	Dispenser for dip tubes	1



# CRD™ hardware catalog information

Cat. No.			Description (unit of measure)
3000cc	1500cc	1000cc	
			<b>CRD™ reusable canisters and disposable liners</b>
<input type="checkbox"/> 65652-531	<input type="checkbox"/> 65652-516	<input type="checkbox"/> 65652-511	Canisters with built-in on/off valve (1 each)
<input type="checkbox"/> 65652-533	<input type="checkbox"/> 65652-518	<input type="checkbox"/> 65652-513	Canisters for wall mount (1 each)
<input type="checkbox"/> 65652-532	<input type="checkbox"/> 65652-517	<input type="checkbox"/> 65652-512	Canisters with extended bracket for regulators (D.I.S.S. and hose assembly) (1 each)
—	<input type="checkbox"/> 65652-562	<input type="checkbox"/> 65652-555	Canisters with D.I.S.S. for direct to regulator connection (1 each)
<input type="checkbox"/> 65652-550	<input type="checkbox"/> 65652-551	<input type="checkbox"/> 65652-553	Canisters with tee connections (1 each)
<input type="checkbox"/> 65651-530	<input type="checkbox"/> 65651-515	<input type="checkbox"/> 65651-510	Disposable liners (1000cc and 1500cc = 100/case; 3000cc = 50/case)
—	<input type="checkbox"/> 65652-574	<input type="checkbox"/> 65652-582	Single-canister base stands (1 each)
<input type="checkbox"/> 65652-570	<input type="checkbox"/> 65652-575	—	Single-canister roll stands (1 each)
<input type="checkbox"/> 65652-565	<input type="checkbox"/> 65652-567	<input type="checkbox"/> 65652-585	CRD™ close-to-wall ring brackets (1 each)
<input type="checkbox"/> 65652-561	<input type="checkbox"/> 65652-563	<input type="checkbox"/> 65652-584	CRD™ ring brackets extended for regulator (1 each)
			<b>Disposable accessories</b>
			<input type="checkbox"/> 65652-122 Standard specimen sock (10/case)
			<input type="checkbox"/> 65652-123 Short specimen sock (10/case)
			<input type="checkbox"/> 65652-132 Short specimen sock without stick (10/case)
			<input type="checkbox"/> 65652-124 Large-port specimen sock (10/case)
			<input type="checkbox"/> 65652-169 Female specimen sock (10/case)
			<input type="checkbox"/> 65652-119 Accessory port convertor (10/case)
			<input type="checkbox"/> 65652-120 Accessory port convertor/large (10/case)
			<input type="checkbox"/> 516500 Bulk connecting tubing (100 ft roll/box, 4 boxes/case)
			<input type="checkbox"/> 65652-542A CRD™ and Guardian™ tandem tube (30/case)
			<input type="checkbox"/> 65651-700 Universal critical measure (50/case)
			<input type="checkbox"/> 65652-107 Right-angle adapter for CRD™ and Guardian™ patient ports (50/case)
			<input type="checkbox"/> 65652-109 Right-angle adapter for Flex Advantage® patient port and CRD™ and Guardian™ ortho ports (50/case)
			<b>Reusable accessories</b>
			<input type="checkbox"/> 65652-134 Variable height adapter (low boy) (1 each)
			<input type="checkbox"/> 65652-145 Wall plate (1 each)
			<input type="checkbox"/> 65652-004 Four-canister manifold (1/case)
			<input type="checkbox"/> 65652-003 Three-canister manifold (1/case)
			<input type="checkbox"/> 65652-002 Two-canister manifold (1/case)
			<input type="checkbox"/> 65652-149 Regulator bracket (1 each)
			<input type="checkbox"/> 65652-137 Male D.I.S.S. (metal) (1 each)
			<input type="checkbox"/> 65652-131 Universal female D.I.S.S. (1 each)
			<input type="checkbox"/> 65652-580 In-line vacuum on/off valve (1 each)
			<input type="checkbox"/> 65652-543 Tee connection (1 each)
			<input type="checkbox"/> 65652-104 Pigtail connector (1 each)
			<input type="checkbox"/> 65652-108A Tubing barb (1/case)
			<input type="checkbox"/> 65652-587 11 in. roll stand (1 each)
			<input type="checkbox"/> 65652-500 20 in. roll stand (1/case)
			<input type="checkbox"/> 65652-586 30 in. roll stand (1 each)
			<input type="checkbox"/> 65652-597 11 in. roll stand with regulator mount (1 each)
			<input type="checkbox"/> 65652-510 20 in. roll stand with regulator mount (1/case)
			<input type="checkbox"/> 65652-596 30 in. roll stand with regulator mount (1 each)
			<input type="checkbox"/> 65652-686 30 in. eight-canister dual-head roll stand (1/case)
			<b>SAF-T Pump™ system and accessories</b>
			<input type="checkbox"/> 65652-000 SAF-T Pump™ system (1 each)
			<input type="checkbox"/> 65652-008 Dip tube, 8¼ in. (50/case)
			<input type="checkbox"/> 65652-024 Pump tube, 24 in. (10/case)
			<input type="checkbox"/> 65652-001 Dispenser for dip tubes (1 each)

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