



SAF-T Pump™ System

A safe, simple,  
economical solution



# Minimizing the risk...

Working with infectious liquid medical waste presents significant challenges to the health-care workers who must dispose of it. The threat of exposure to bloodborne pathogens such as HIV or hepatitis B and C has led many government and industry groups to develop guidelines and regulations for the handling and disposal of this material:

## The EPA...

"Because it is impractical to test all blood for the presence of every possible pathogen, it is logical to extend this practice to the wastes associated with blood specimens and to handle them as though they were contaminated."<sup>1</sup>

## AORN...

"Blood, body fluid, disinfectant solutions and other hazardous materials should be disposed of in accordance with local, state and federal recommendation and with concern for the environment."<sup>2</sup>

## The CDC...

"Bulk blood, suctioned fluids, excretions and secretions may be carefully poured down a drain connected to a sanitary sewer."<sup>3</sup>

## OSHA...

"Universal precautions shall be observed to prevent contact with blood or other potentially infectious materials... Engineering and work practice controls shall be used to eliminate or minimize employee exposure."

**"All procedures involving blood or other potentially infectious materials shall be performed in such a manner as to minimize splashing, spraying, spattering and generation of droplets of these substances."**<sup>4</sup>

<sup>1</sup> Environmental Protection Agency, Guide for Infection Waste Management, 530-SW-86-014, May 1986, PB86-199130, 5.4 Human Blood and Blood Products.

<sup>2</sup> Association of Operating Room Nurses, Recommended Practices V.

<sup>3</sup> Centers for Disease Control, Guideline for Hospital Environmental Control, Section 4: Infective Waste; 3. Processing and Disposal of Infective Waste.

<sup>4</sup> Occupational Safety & Health Association, Bloodborne Pathogens 1910.1030.

<sup>5</sup> Federal Department of Transportation, Guidelines: Transportation of Regulated Medical Waste, 49 CFR Part 171 — Hazardous Materials: Revision to Standards for Infectious Substance. Effective 2/14/03.

It's clear that handling hazardous materials must be done very carefully, and yet many health-care facilities continue to pour liquid waste into open hoppers or sinks connected to sanitary sewers.

Other facilities choose to dispose of their suction canisters full of waste. This option reduces the threat of exposure; but with the added weight, the canisters cost more to transport. And, according to new Federal Department of Transportation standards, most suction canisters are considered medical devices not rated for transportation purposes.<sup>5</sup> In effect, additional packing materials would be required, resulting in additional costs.

*There is a safe, simple and economical alternative – the SAF-T Pump™ system from Cardinal Health.*

# A new approach to safety

The SAF-T Pump™ system quickly and safely disposes of 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 Guardian™, CRD™ and Flex Advantage® suction canister sizes including Guardian LVC (large-volume collection container), which empties from rolling stand or from floor height to eliminate need for lifting
- Provides a closed system when used with Cardinal Health canisters



*Disposing of infectious liquid medical waste is now safe and economical.*



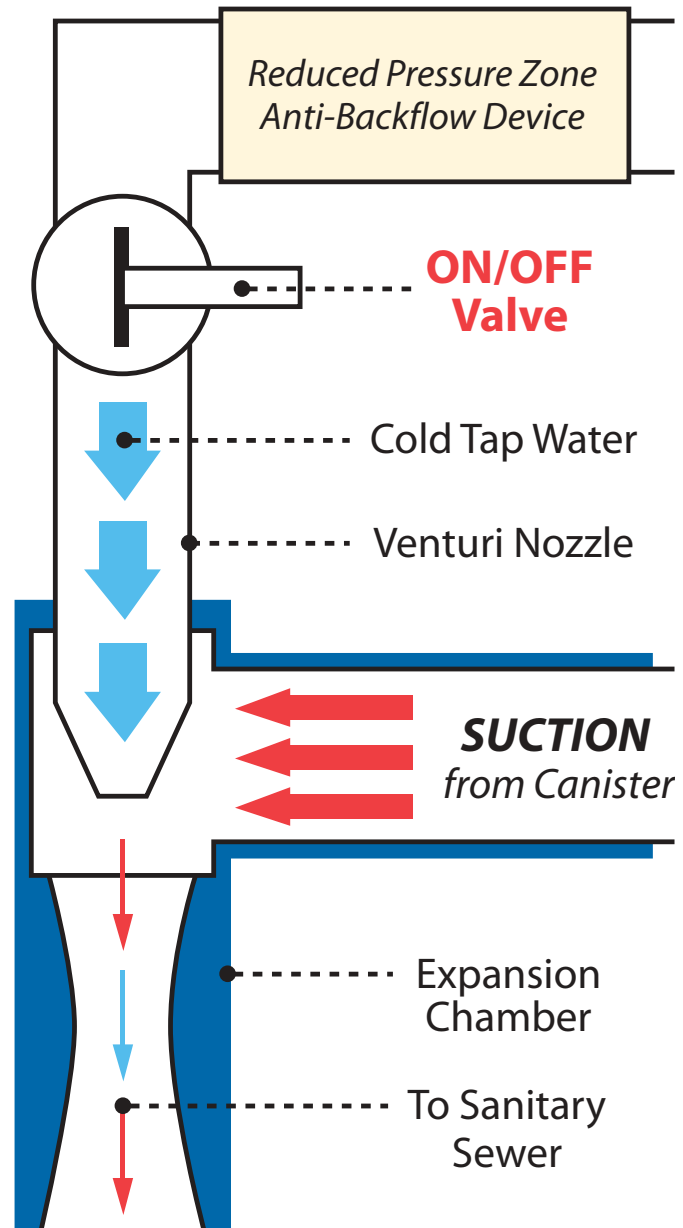
# How it works

The SAF-T Pump™ system is designed for years of trouble-free operation with little maintenance required. Because the system uses suction created by tap water moving through a venturi, there is no need for a motorized pump and, therefore, it has no moving parts to adjust or wear out.

Fluid drawn by the pump flows directly into the sanitary sewer connection. This eliminates the risk of health-care workers being exposed to splashing waste or aerosol droplets that can form when canisters are emptied into open sinks.

Using the SAF-T Pump system is quick and easy. Insert a dip tube into the accessory port of a full canister, attach the pump tube and turn on the pump.

When the canister is empty, move the pump tube to the next full canister or simply turn the pump off if there are no more canisters to empty.



# A complete solution

The SAF-T Pump™ system is compatible with all Medi-Vac® suction canisters from Cardinal Health.



CRD™ Canister



Guardian™ Canister



Flex Advantage® Canister

## Ordering Information

Cat. No.	Description	Qty. Cs.
65652-000	SAF-T Pump™	1
65652-008	Dip tube, 8"	50
65652-011	Dip tube, 11"	50
65652-016	Dip tube, 16"	50
65652-024	Pump tube, 24"	10
65652-044	Pump tube, 44"	10
65652-001	Dispenser for dip tubes	1

## Dip Tube Size Compatibility

	65652-008	65652-011	65652-016
Guardian LVC			X
3000cc Guardian canisters		X	
2000cc Guardian canisters	X		
1200cc Guardian canisters	X		
3000cc Flex Advantage canisters			X
1500cc Flex Advantage canisters	X		
1000cc Flex Advantage canisters	X		
CRD canisters (all sizes)	X		

*Protect your employees and your budget with the SAF-T Pump™ system, only from Cardinal Health.*

## SAF-T Pump™ System

**To place an order or for additional information, please contact your Cardinal Health, Medical Products and Services sales representative or call customer service at 1.800.964.5227.**

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