



Aqua-Box

Canister & Liner Disposal System

GENERAL INFORMATION	
Feature	Description
OSHA Considerations	<p>OSHA's Bloodborne Pathogens Standard (29CFR1910.1030) dictates the manner in which staff members are to handle medical waste fluid as well as other potentially infectious waste. OSHA's Compliance Directive, which is designed to provide clarification to inspectors to ensure uniform inspections, requires employers to "...update their Bloodborne Pathogen Exposure Control Plan annually to document consideration and implementation of safer medical devices". Employers are also required to have a comprehensive program that includes engineering controls (i.e., the use of safer medical devices) and proper work practices to eliminate all exposure, or reduce it to the lowest extent feasible. Employers must provide training to all employees in the use of these safer medical devices.</p> <p>More information concerning OSHA requirements can be found on OSHA's website at www.osha.gov.</p> <p>While OSHA does not specifically review any products on the market and certify them as "OSHA approved", the use of the Aqua-Box does facilitate compliance with the standard.</p>
Sales & Distribution	The Aqua-Box and Aqua-Box accessories are sold exclusively direct through DeRoyal.
Evaluation & Return Policy	Evaluations may be arranged through one of several options: (a) a site visit to reference facility using the Aqua-Box; (b) a visit to DeRoyal's Corporate offices to view a working unit; or (c) the temporary use of one of a limited number of evaluation units. Please contact your local DeRoyal Sales Representative to further discuss these options and details. DeRoyal regrets that units that have been installed and used cannot be returned (except under the warranty coverage as described below).
Pricing and Financing	The Aqua-Box prices vary depending on the model(s) chosen, group purchasing organization contracts and individual pricing agreements with DeRoyal. Please contact your local DeRoyal Sales Representative for details.
Warranty	<p>The Aqua-Box (all models) is covered under a three (3) year parts & labor warranty. For three years from the date of purchase (invoice date) by the original owner, DeRoyal will, at its option, repair or replace any part of the unit, which proves to be defective in material or workmanship under normal use. During this period DeRoyal will provide all parts and labor necessary to correct such defects free of charge, so long as the unit has been installed and operated in accordance with the written instructions in this manual. If there is a unit failure that cannot be resolved by phone, by a visit from a DeRoyal representative, or by a sub-contracted plumber during the warranty period, DeRoyal will ship a replacement unit.</p> <p>A three-year (3) extension for all Aqua-Box models is available for an additional charge. Contact your local DeRoyal Sales Representative for more details on the standard or extended warranties.</p>

GENERAL INFORMATION

Feature	Description
Vacuum source	Generates own vacuum by utilizing water flow through unit.
Unit Placement	Wall mounts easily near hoppers or sinks in workrooms or on any wall containing water and sewer lines.
Backflow Prevention	A Reduced Pressure Zone (RPZ) back flow preventer (Wilkins model 975XL) is included and must be installed with the system per local codes. The RPZ valve requires annual certification by a licensed plumber. It may require periodic maintenance in accordance with the manufacturer's instructions. Maintenance kits are available at most plumbing supply stores.
Installation	<p>The installation of the Aqua-Box is simple enough to be done by in-house biomedical or maintenance department in less than three hours. A complete User's Manual and Installation Video are included with the purchase of any Aqua-Box. Technical Support is also available via telephone during normal business hours.</p> <p>Installation by a third party contractor can be arranged through DeRoyal for an additional installation fee.</p>
Disinfectant Solution	<p>This feature has been added mainly to accommodate those facilities that prefer to more safely dispose of their waste fluid by adding a disinfectant solution. This feature can be easily turned on or off.</p> <p>The ratio of sodium hypochlorite (common household bleach) to waste fluid is pre-set at 1,100 PPM (parts per million).</p>
Maintenance & Support	<p>The Aqua-Box must have an enzymatic cleaner flushed through it on a weekly basis to prevent mineral and organic build-up. This will keep the unit running at peak efficiency. One gallon of concentrated cleaner will last well over a year in most facilities.</p> <p>Any stocked enzymatic cleaner will work. One recommended enzymatic cleaner is available from Enzyme Industries, Heath, OH; Phone: 888-236-9963, product #4198-1.</p> <p>All Aqua-Box models include unlimited telephone technical support during normal business hours.</p>
References	A number of reference facilities are available upon request. Contact your local DeRoyal Sales Representative for details.
Patents	The Aqua-Box is covered under US patent #7,273,585.

For additional information call:

888.938.7828



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TECHNICAL INFORMATION / MODEL COMPARISON				
Feature	Automatic with Canister Rinsing	Large Automatic	Small Automatic	Small Manual
Model #	1300-R	1500-00	1300-00	1200-00
Fluid Evacuation Flow Rate (# seconds/liter)	3.5 seconds	3.5 seconds	3.5 seconds	6 seconds
Adjustable Canister Rinsing Cycle	Yes	No	No	No
Automatic Adjustable Electronic with On/Off Switch	Yes	Yes	Yes	No
Power Switch / Timer	Power button is pre-set for 2 minutes. A "kill" switch turns off the unit prior to the end of the timed cycle.	Power button is pre-set for 2 minutes. A "kill" switch turns off the unit prior to the end of the timed cycle.	Power button is pre-set for 2 minutes. A "kill" switch turns off the unit prior to the end of the timed cycle.	None
Works with Any Brand/Style Canister	Yes	Yes	Yes	Yes
Disinfectant Solution Additive Option	Yes	Yes	Yes	Yes
Suction Hose	5 Feet	5 Feet	5 Feet	5 Feet
Plumbing Inlet Connection	3/4" tap water @ 12 GPM	3/4" tap water @ 12 GPM	3/4" tap water @ 12 GPM	3/4" tap water @ 12 GPM
Sanitary Sewer Outlet Connection	1" drain	1" drain	3/4" drain	3/4" drain
Electrical Requirements	120 Volt AC @ 3 AMPS	120 Volt AC @ 3 AMPS	120 Volt AC @ 3 AMPS	None
Installation Instructions & Video	Included	Included	Included	Included
Reduced Pressure Zone (RPZ) Valve	Included	Included	Included	Included
Dimensions (W" x H" x D") of Main Unit	18" (45.7 cm) x 16" (40.6 cm) x 10" (25.4 cm)	16" (40.6 cm) x 14" (35.6 cm) x 6" (15.2 cm)	14" (35.6 cm) x 12" (30.5 cm) x 7" (17.8 cm)	14" (35.6 cm) x 12" (30.5 cm) x 7" (17.8 cm)
Dimensions (H" x W" x D") of Controller Unit	7" (17.8 cm) X 7" (17.8 cm) X 6" (15.2 cm)	7" (17.8 cm) X 7" (17.8 cm) X 6" (15.2 cm)	7" (17.8 cm) X 7" (17.8 cm) X 6" (15.2 cm)	NO Controller Unit
Weight	21 lbs. (9.5 kg)	17 lbs. (7.7 kg)	10 lbs. (4.5 kg)	10 lbs. (4.5 kg)