

# LabStrong Fi-Streem™

## Water Purification Catalog

### Distillation Systems



# Fi-Stream Glass Stills & Accessories

## Fi-Stream 2S Glass Stills

- Patented vapor trap eliminates carry-over of contaminants in the vapor-borne water droplets
- Easy push-button controls for automatic operation
- Fi-Stream 2S was designed with dual feed capabilities for tap or pretreated inlet feedwater
- Heating elements are protected with an over temperature switch
- 24-hour automatic operation when used with the 8 L Storage Reservoir (2011-0019)
- Feed Water Pressure: Minimum 15 PSI & Maximum 80 PSI



## Fi-Stream III Glass Stills (4 Liter & \* 8 Liter)

- Patented vapor trap eliminates carry-over of contaminants in the vapor-borne water droplets
- Totally enclosed still assures safety from breakage or hot surfaces
- Fully automatic microprocessor controls simplify operation and cleaning, while assuring high reliability
- Thermistor and heat sensor offer double protection against low water conditions
- For convenience, unit is designed with capabilities for tap or pretreated inlet water
- Automatic start/stop feature when connected to 40 L Storage Tank (2011-0021) or 50 L Storage Reservoir (2011-0020)
- Feed Water Pressure: Minimum 15 PSI & Maximum 80 PSI
- \* 8 liter glass still, is not pictured



## Fi-Stream III Bi-Distiller Glass Stills

- Patented vapor trap eliminates carry-over of vapor-borne contaminants
- Totally enclosed still assures safety from breakage or hot surfaces
- Double distillation process increases water purity to above 1 Megohm-cm
- Glass components eliminate the leaching impurities
- Fully automatic microprocessor controls simplify operation and cleaning, while assuring high reliability
- 24-hour automatic control activates still as required to maintain a full reservoir
- Thermistor and heat sensor offer double protection against low water conditions
- For convenience, unit is designed with capabilities for tap or pretreated inlet water
- Space-saving design
- Bench or wall mounting options
- Automatic start/stop feature when connected to 40 L Storage Tank (2011-0021) or 50 L Storage Reservoir (2011-0020)



## Fi-Stream Storage Tank

### 40 Liter Capacity

- Fully automatic operation when connected to Fi-Stream 4 L, 8 L or Bi-Distiller stills
- Vent filter prevents airborne contamination
- Contains sight window for observation of water level
- Bench or wall mounting options
- 22L x 18W x 25H in.
- Operating Weight: 124 lbs.



## Fi-Stream Storage Reservoir

### 8 Liter Capacity

- High density polyethylene rectangular carboy
- Easy installation
- Portable design is ideal for transporting distilled water to different lab sites
- Includes draw valve
- 6L x 11W x 18H in.
- Use with 2S glass stills
- Operating Weight: 19 lbs.



## Fi-Stream Storage Reservoir

### 50 Liter Capacity

- Fully automatic operation when used with Fi-Stream 4 L, 8 L or Bi-Distiller stills
- Low density polyethylene portable carboy
- Includes draw valve for easy dispensing of water
- 15L x 17W x 26H in.
- Operating Weight: 116 lbs.



# Fi-Stream Water Purification Specifications

## Fi-Stream 2S Glass Stills

Model	Product Water Capacity (LPH)	Cooling Water (LPH)	Depth (Inches)	Width (Inches)	Height (Inches)	Operating Weight (lb.)	Shipping Weight (lb.)	Volts (AC)	Amps	Feed Water Type	# of Heaters
2011-0016	1.4	30	13.8	10.5	31	48.5	60	120V	15	Tap/pre-treated	2
2011-0017	2	30	13.8	10.5	31	48.5	60	120V	20	Tap/pre-treated	2
2011-0018	2	30	13.8	10.5	31	48.5	60	220V	13	Tap/pre-treated	2

## Fi-Stream III Glass Stills

Model	Product Water Capacity (LPH)	Cooling Water (LPH)	Depth (Inches)	Width (Inches)	Height (Inches)	Operating Weight (lb.)	Shipping Weight (lb.)	Volts (AC)	Amps	Feed Water Type	# of Heaters
2011-0010	4	60	15	12	30	65	74	240V	13	Tap/pre-treated	2
2011-0011	4	60	15	12	30	65	74	208V	13	Tap/pre-treated	2
2011-0012	8	120	15	22	30	80	93	240V	30	Tap/pre-treated	4
2011-0013	8	120	15	22	30	80	93	208V	30	Tap/pre-treated	4

## Fi-Stream III Bi-Distiller Glass Stills

Model	Description	Product Water Capacity (LPH)	Cooling Water (LPH)	Depth (Inches)	Width (Inches)	Height (Inches)	Operating Weight (lb.)	Shipping Weight (lb.)	Feed Water Type
2011-0014	Bi-Distiller	4	120	15	22	30	80	93	Tap/pre-treated
2011-0015	Bi-Distiller	4	120	15	22	30	80	93	Tap/pre-treated

Model	Description	Maximum Pressure (PSI)	Minimum Pressure (PSI)	Volts (AC)	Amps	Hz	# of Heaters
2011-0014	Bi-Distiller	80	15	240V	30	50/60	4
2011-0015	Bi-Distiller	80	15	208V	30	50/60	4

## Fi-Stream Storage Reservoirs

Model	Capacity
2011-0019	8 Liter Carboy
2011-0021	40 Liter Storage Tank
2011-0020	50 Liter Carboy

## Fi-Stream Hose Nipple Cartridge & Wall Mount Bracket

Model	Description	Size & Weight
2011-0022	Hose Nipple Cartridge	3L x 3W x 17H in. 3 lbs.
2011-0023	Hose Nipple Cartridge Wall Mount Bracket	7L x 3.5W x 20H in. 4 lbs.

- Lower cost alternative
- Ideal for small volume, pressure applications and pretreatment of Fi-Stream stills
- Optional wall mount system includes hose fittings and flow control valve
- Contains activated carbon to remove organics and chlorine from feedwater
- Cartridge life capacity indicated by resin color change at two windows in cartridge



## ABOUT US

LabStrong Corporation was formed to deliver innovative designs and equipment to the laboratory industry. We have over 75 years of experience in the design, manufacturing, and sales of laboratory, medical and scientific equipment. LabStrong focuses on product development for high quality laboratory equipment applications. Our sales and design teams are available to work directly with all members of your staff to understand the needs of your laboratory. LabStrong is your one stop laboratory equipment supplier and custom manufacturer.

## WARRANTY INFORMATION

Seller warrants that its products are free from defects in materials and workmanship (under normal conditions of use and service) for the period specified on the warranty statement enclosed with the product from date of shipment to the original purchaser and will conform to the contract specifications or such other specifications which constitute technical improvements to the product. Please visit [www.labstrong.com](http://www.labstrong.com) for more details about our warranty policies.

## QUESTIONS OR COMMENTS?

If you have any questions or concerns, please feel free to contact LabStrong via phone or our website. LabStrong is a full line manufacturer of standard, custom and OEM laboratory equipment. We are committed to providing superior laboratory equipment for all applications and look forward to working with you. If you have specific custom or OEM product needs, visit our web site and fill out our OEM product needs request form. Our strength is helping you be innovative in your product design and needs.

## CONTACT INFORMATION

LabStrong Corporation  
7709 Commerce Park  
Dubuque, Iowa 52002  
United States of America

Telephone: (563) 588-8900  
Fax: (563) 588-3601  
Website: [www.labstrong.com](http://www.labstrong.com)  
Email: [info@labstrong.com](mailto:info@labstrong.com)

