

Laboratory Distillation System Guide

Need to replace your current distillation system and having trouble finding one that will meet the needs of your lab? LabStrong™ has your solution. Our water purification experts can help you to easily replace your existing water system with a high quality LabStrong system. Our team has over 25 years of experience working with water systems and we know pure water. LabStrong is committed to providing the best laboratory distillation systems and making sure you get the product when you need it.

In 2010 LabStrong became the authorized distributor of all Fi-Streem™ Stills in North America. The reliable LabStrong Fi-Streem Stills consistently produce high quality ASTM Type II water at a rate of 1.4 to 8 liters per hour (LPH). Stills have the broadest removal capabilities of any single form of water purification and can remove impurities such as inorganic ions, dissolved gases, organics, particles, bacteria and pyrogens from water through the process of distillation.

LabStrong Fi-Streem Stills are ideal for general laboratory applications and are suitable as a Type I ultrapure water system pretreatment. If you want an easy to use still that will meet your water needs, while remaining budget-friendly, our stills are for you! Listed below are some of the most common water stills found in laboratories. Locate your still model number below in the left hand column and compare it to the LabStrong Fi-Streem Still offerings in the right hand column.

Jencons Aquatron® Stills Compared to LabStrong Fi-Streem Stills:

Jencons Aquatron Still Model Number:	Output:		LabStrong Fi-Streem Still Model Number:	Output:
A4000, A4000/200	4 LPH	→	A74420LS, A74428LS, A56210-857LS, A56218-857LS	4 LPH
A8000, A8000/200	8 LPH	→	A56220-857LS, A56228-857LS	8 LPH
A4000D, A4000D/220	4 Bi-Distilled LPH	→	A56230-857LS, A56238-857LS	4 Bi-Distilled LPH

Jencons Autostill™ Stills Compared to LabStrong Fi-Streem Stills:

Jencons Autostill Still Model Number:	Output:		LabStrong Fi-Streem Still Model Number:	Output:
703-025, 703-030, 703-051, 703-036, 703-001, 703-051	4 LPH	→	A74420LS, A74428LS, A56210-857LS, A56218-857LS	4 LPH
703-070, 703-007	8 LPH	→	A56220-857LS, A56228-857LS	8 LPH
703-048, 703-054, 703-057	4 Bi-Distilled LPH	→	A56230-857LS, A56238-857LS	4 Bi-Distilled LPH

Important Note: Jencons Autostill Stills are discontinued.

Jencons Nova 4 Stills Compared to LabStrong Fi-Streem Stills:

Jencons Nova 4 Still Model Number:	Output:		LabStrong Fi-Streem Still Model Number:	Output:
703-062, 703-063	4 LPH	→	A74420LS, A74428LS, A56210-857LS, A56218-857LS	4 LPH

Thermo Fisher Scientific Barnstead Cabinetized Stills Compared to LabStrong Fi-Stream Stills:

Barnstead Cabinetized Still Model Number:	Output:	→	LabStrong Fi-Stream Still Model:	Output:
A1065-B, A1065-C, A1065-D (Model 210)	7.6 LPH	→	A56220-857LS, A56228-857LS	8 LPH

Thermo Fisher Scientific Barnstead Classic Stills Compared to LabStrong Fi-Stream Stills:

Barnstead Classic Still Model Number:	Output:	→	LabStrong Fi-Stream Still Model Number:	Output:
A1007	1.9 LPH	→	A74415-60LS	1.4 LPH
A1011-A, A1011-B-61	3.8 LPH	→	A74410LS , A74415LS	2 LPH
A1013-B-61, A1013-C, A1013-C	7.6 LPH	→	A74420LS, A74428LS, A56210-857LS, A56218-857LS	4 LPH
		→	A56220-857LS, A56228-857LS	8 LPH

Thermo Fisher Scientific Barnstead Fi-Stream Stills Compared to LabStrong Fi-Stream Stills:

Barnstead Fi-Stream Still Model Number:	Output:	→	LabStrong Fi-Stream Still Model Number:	Output:
A74415-60 (Fi-Stream 2S)	1.4 LPH	→	A74415-60LS	1.4 LPH
A74415, A74410 (Fi-Stream 2S)	2 LPH	→	A74410LS , A74415LS	2 LPH
A56210-857, A56218-857 (Fi-Stream III)	4 LPH	→	A74420LS, A74428LS, A56210-857LS, A56218-857LS	4 LPH
A56220-857, A56228-857 (Fi-Stream III)	8 LPH	→	A56220-857LS, A56228-857LS	8 LPH
A56230-857, A56238-857 (Fi-Stream III)	4 Bi-Distilled LPH	→	A56230-857LS, A56238-857LS	4 Bi-Distilled LPH

Important Note: Thermo Fisher Scientific Barnstead Fi-Stream Stills are discontinued. They have been replaced with LabStrong Fi-Stream Stills.

Thermo Fisher Scientific Barnstead Mega-Pure® Stills Compared to LabStrong Fi-Stream Stills:

Barnstead Mega-Pure Still Model Number:	Output:	→	LabStrong Fi-Stream Still Model Number:	Output:
A7981, A440266, A440267, A7982 (MP-1)	1 LPH	→	A74415-60LS	1.4 LPH
A440696, A440367 (MP-3A)	3 LPH	→	A74410LS, A74415LS	2 LPH
A440697, A440518 (MP-6A)	6 LPH	→	A74420LS, A74428LS, A56210-857LS, A56218-857LS	4 LPH
		→	A56220-857LS, A56228-857LS	8 LPH

LabStrong offers multiple sizes of carboys and tanks to meet almost any water storage need. The carboys and tanks range in size from 8 to 50 liters (L). When connected to a LabStrong Fi-Stream Still they allow for 24-hour automatic operation of the still. Listed below are some of the most common water carboys and tanks found in laboratories. Locate your product part number below in the left hand column and compare it to the LabStrong offerings in the right hand column.

Jencons Water Storage Accessories Compared to LabStrong Storage Accessories:

Jencons Part Number:	Capacity:	→	LabStrong Part Number:	Capacity:
WR20*	20 L	→	B00122, B00123	20 L, 20 L
703-065*	50 L	→	B00121	40 L
		→	A1058LS	50 L

Thermo Fisher Scientific Storage Accessories to LabStrong Storage Accessories:

Thermo Fisher Scientific Part Number:	Capacity:
A1052	8 L
A1058	50 L
A56290-857	30 L
B3043*	40 L

LabStrong Part Number:	Capacity:
A1052LS, B00123	8 L, 20 L
B00122, A1058LS	20 L, 50 L
B00121	40 L

LabStrong offers economical pretreatment kits designed to remove organics and chlorine from feed water entering your still. The kits can help to keep your still cleaner longer by reducing the level of scaling ions entering the still. Our water experts can help you to evaluate your feed water to determine the appropriate pretreatment system for you. Listed below are some of the most common pretreatment accessories found in laboratories. Locate your product part number below in the left hand column and compare it to the LabStrong offerings in the right hand column.

Jencons Water Pretreatment Accessories Compared to LabStrong Water Pretreatment Accessories:

Jencons Part Number:	Item Description:
WCK/N*	Water Feed Conversion Kit
AFH*	Filter Housing
AFI*	Filter Elements (Pack of 3)
ADH*	Deionizer Housing
ADI*	Ion Exchange Cartridges (Pack of 3)
703-035*	Spare Water Softener

LabStrong Part Number:	Item Description:
AY0017-1	Wall Mount Kit (Bracket and Pressure Regulator)
AY0017-2	Dual Holder (Pressure Feed Assembly)
AY0017-3	Add on Holder Kit (For AY0017-1 and AY0017-2)
D00171	Ultrapure/Organic Removal Cartridge
D00172	High Capacity Two Bed Cartridge
AY0012-2	Pretreatment Cartridge Wall Mount Kit
D00121	Pretreatment Cartridge

Thermo Fisher Scientific Water Pretreatment Accessories to LabStrong Water Pretreatment Accessories:

Thermo Fisher Scientific Part Number:	Item Description:
A56285	Pretreatment Mounting Kit
D0832	Hose Nipple Cartridge
A56280	Pretreatment Kit

LabStrong Part Number:	Item Description:
AY0017-1	Wall Mount Kit (Bracket and Pressure Regulator)
AY0017-2	Dual Holder (Pressure Feed Assembly)
AY0017-3	Add on Holder Kit (For AY0017-1 and AY0017-2)
D00171	Ultrapure/Organic Removal Cartridge
D00172	High Capacity Two Bed Cartridge
AY0012-2	Pretreatment Cartridge Wall Mount Kit
D00121	Pretreatment Cartridge

As you can see, LabStrong offers a variety of high quality water stills and accessories to meet your water needs. If you would like to discuss your unique water purification needs with one of our helpful experts, please contact LabStrong today by calling 563-588-8900 or emailing sales@labstrong.com. For the most current information about LabStrong water products, visit www.LabStrong.com or call 563-588-8900.

**Contact LabStrong for installation instructions prior to purchasing products marked with an asterisk.*