

Barnstead Distillation



FI-Stream® III Bi-Distiller and Pretreatment Kit



FI-Stream III 4 LPH Bi-Distiller



Pretreatment Kit

The Best—Distillation Times Two!

- Maximum water purity
- Fully automatic microprocessor controls
- Pretreatment kit increases purity and reduces cleaning



Product Description

Bi-Distiller

- Double distillation process increases water purity to above 1 megohm-cm.
- Patented vapor trap eliminates carry-over of vapor-borne contaminants.
- Glass components eliminate the leaching of 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.
- Automatic drain cycle in tap feed models reduces cleaning frequency.
- Thermistor and heat sensor offer double protection against low water conditions.

- For convenience, unit is designed with capabilities for tap or pretreated feedwater.
- Space-saving design; wall or bench mounted.
- Automatic start/stop feature when connected to FI-Stream tank or using level monitor provided.

Pretreatment Kit

- FI-Stream deionizers are a simple pretreatment system for FI-Stream III glass stills.
- The use of pretreated water increases purity and decreases cleaning.
- Utilizes disposable cartridges for removal of organics and inorganic.
- Visual “Go/No Go” indicator alerts operator when cartridge replacement is necessary.

*A Barnstead W.A.T.E.R. kit is recommended to ensure feed water suitability.

PRODUCT SPECIFICATIONS

Model #	Description	Water Capacity LPH	Inlet Connection Inches	Product Cooling Water (LPH)	Overall Dimensions Inches (cm)			Operating Weight Lb. (kg)	Shipping Weight Lb. (kg)
					W	H	D		
A56230-857	Bi-Distiller	4	-	120	25.9 (66)	34.6 (88)	20.1 (51)	80 (36.3)	64 (29)
A56238-857	Bi-Distiller	4	-	120	25.9 (66)	34.6 (88)	20.1 (51)	80 (36.3)	64 (29)
A56285	Pretreatment Kit	-	1/4 NPTF	-	11 (27.9)	23.5 (59.7)	8.25 (21)	-	10 (4.5)
A56280	Pretreatment Kit	-	1/4 NPTF	-	11 (27.9)	23.5 (59.7)	8.25 (21)	-	10 (4.5)

ORDERING INFORMATION

Model #	Description	Maximum Pressure (psig)	Minimum Pressure (psig)	Volts	Electrical Hz	Amps	Feedwater Type	No. of Heaters
A56230-857 ¹	Bi-Distiller	80 (5.6 kg/cm ²)	15 (1.1 kg/cm ²)	240	50/60	30	tap/pretreated	4
A56238-857 ¹	Bi-Distiller	80 (5.6 kg/cm ²)	15 (1.1 kg/cm ²)	208	50/60	30	tap/pretreated	4
A56285	Pretreatment Kit*	100	-	120	60	-	-	-
A56280	Pretreatment Kit*	100	-	240	50	-	-	-
D0832	Pretreatment Cartridge/Mixed Bed	-	-	-	-	-	-	-

¹ CSA

*Recommended for use with 4 and 8 liter/hour models only. Pretreatment kit comes without the D0832 cartridge.