

Designed to connect directly to the tap water feed, the Thermo Scientific Barnstead E-pure can handle all of your laboratory high volume ultrapure water applications with low operating costs.

Thermo Scientific Barnstead E-Pure™

Produces ultrapure water directly from tap water.

Product Description

- Resistivities up to 18.2 megohm-cm and TOC levels below 10 ppb.
- Virgin polypropylene water pathways prevent recontamination.
- Recirculation pump continuously recirculates water throughout the entire system to maintain water purity and reduce the quantity of waste water required for rinse-up.
- Wall mounted; completely assembled for easy installation.
- 1/4 turn quick release canisters allow for easy cartridge replacement.
- 0.2 micron absolute final filter removes bacteria and particulates that could alter your results.
- Digital resistivity meter is automatically temperature compensated to 25°C, preventing fluctuating resistivity readings due to temperature changes.
- Flow rate up to two liters per/min.
- High capacity cartridges provide low operating cost.
- Point of use or direct feed to analytical instruments or glassware washers.



E-pure 4-holder

Accessories for the Thermo Scientific Barnstead E-Pure

Low Pressure Pump Protector

- In the event that the pressurized feedwater line pressure falls below 5 psig (0.35 kg/cm²), a low pressure pump protector interrupts the power supply to the E-pure system.
- Includes a 1/4" NPT (6.35 mm) T-fitting for installation into water feedline.
- Comes complete with 6' (1.8 m) cord to attach directly to the E-pure system.

Low Water Level Pump Protector

- If feeding from a storage reservoir, it is recommended that a low water pump protector be added to the E-pure system. This ensures that the pump is protected in the event the reservoir water level is too low to satisfy the requirements of the system.
- Adaptable to most storage reservoirs, providing a 1/2" NPT (12.7 mm) connection is available.
- Comes complete with 6' (1.8 m) cord to attach directly to the E-pure system.

Thermo Scientific Barnstead E-Pure

E-Pure Product Specifications									
Model #	Electrical (50/60 Hz)	Overall Dimensions Inches (cm)			Shipping Weight Lb. (kg)	Max Inlet Pressure (psig)	Inlet Conn (Inches)	Inlet Water Temp Range °F (°C)	Max Flow Rates
		W	H	D					
E-pure 3-Holder									
D4631	120 VAC	29 (73.7)	28 (71.1)	7.5 (19.1)	50 (22.7)	100	1/4 NPT	40-120 (4-49)	2.0 LPM
D4632-33	240 VAC	29 (73.7)	28 (71.1)	7.5 (19.1)	50 (22.7)	100	1/4 NPT	40-120 (4-49)	1.8 LPM
E-pure 4-Holder									
D4641	120 VAC	35 (88.9)	28 (71.1)	7.5 (19.1)	56 (25.4)	100	1/4 NPT	40-120 (4-49)	2.0 LPM
D4642-33	240 VAC	35 (88.9)	28 (71.1)	7.5 (19.1)	56 (25.4)	100	1/4 NPT	40-120 (4-49)	1.8 LPM

-33 Models CE Marked

Cartridge Kits and Filters		
Model Number	Description	Contents
D5029	3 Module Type I Cartridge Kit - Tap Feed	1-D0835 Pretreatment Cartridge, 2-D5027 Ultrapure Cartridges
D5022	3-Module Type I 1-D0836 Macropure Cartridge, Organicfree Cartridge Kit - Tap Feed	1-D5027 Ultrapure Cartridge, 1-D5021 Organic Free Cartridge
D5028	4 Module Type I Cartridge Kit - Tap Feed	1-D0835 Pretreatment Cartridge, 1-D0803 High Capacity Cartridge, 2-D5027 Ultrapure Cartridges
D5023	4 Module Type I Organicfree Cartridge Kit - Tap Feed	1-D0836 Macropure Cartridge, 1-D0803 High Capacity Cartridge, 1-D5027 Ultrapure Cartridge, 1-D5021 Organic Free Cartridge
D50227	4 Module Type I Cartridge Kit for Pretreated Feed	1-D0835 Pretreatment Cartridge, 1-D0809 Ultrapure Cartridge and 2-D5027 Ultrapure Cartridge
D50228	4 Module Type I Organicfree Cartridge Kit for Pretreated Feed	1-D0836 Macropure Cartridge, 1-D0809 Ultrapure Cartridges, 1-D5027 Ultrapure Cartridges and 1-D5021 Organic Free Cartridge
D3750	Final Filter	
D50223	Cleaning Cartridge	

Accessories	
Model Number	Description
D2706	Low Pressure Pump Protector
D0603	Low Water Level Pump Protector, 120V
D0606	Low Water Level Pump Protector, 240V
D8952	Remote Dispenser