

Economical, lab-grade water system easily customised for all pretreatment or deionisation needs



- Engineered for feed water pressures up to 100 psi
- Choose from single, double or half-size holders depending on your application
- Modular design provides ability to add additional holders as needed
- Produces up to 4L/min., depending on model
- Quarter-turn quick-release canisters make cartridge changes easy
- Accepts Barnstead Pura-Lite indicator or digital purity meter to monitor water quality
- Barnstead B-Pure holders are available in full or half-size cartridge configurations supporting space constraints B-Pure™ Single Cartridge Holder
- Simple system without draw-off valve; optional Barnstead Pura-Lite purity indicator available

B-Pure Double Cartridge Holder

- Complete with draw-off valve
- Choose from models with digital purity meter or Barnstead Pura-Lite “Go/No Go” resistivity indicator

B-Pure Half-size Cartridge Holder

- Easily attaches to full-size B-Pure systems
- Small size allows flexibility in mounting location

Applications: Pretreatment, deionisation

Required Accessories: Cartridges (sold separately).

Certifications: CE, CSA

Notes: Free Barnstead H₂O Select Kits are available to help select the correct B-Pure system. For details, contact your Sales Representative.

Cat. No.	Model	L x W x H	Inlet Connection NPTF	Maximum Flowrate	Feedwater Temperature	Max. Feed Water Pressure	Electrical	Requires
D4505	Half-size Holder	17.8 x 17.8 x 38.1cm (7 x 7 x 15in.)	1.3cm (0.5in.) NPTF	2L/min.	4° to 49°C (40° to 120°F)	100psig	N/A	Half-Size B-Pure Cartridge
D4511	Single Holder	17.8 x 17.8 x 61cm (7 x 7 x 24in.)	1.3cm (0.5in.) NPTF	4L/min.	4° to 49°C (40° to 120°F)	100psig	N/A	Full-Size B-Pure Cartridge
D4522-33	Double Holder with Digital Purity Meter	17.8 x 38.1 x 68.6cm (7 x 15 x 27in.)	1.3cm (0.5in.) NPTF	4L/min.	4° to 49°C (40° to 120°F)	100psig	240V	2 Full-Size B-Pure Cartridges

Required Accessories

Cat. No.	Cartridge Size	Type	Characteristics	Resin	Capacity
D0760	Full Size	Anion Removal	Effective removal of weakly ionised impurities, raises the pH of solutions, recovers precious metal complex	Strong Anion Exchange	108 gm
D0815	Full Size	Cation Removal	Converts ionised salts to the acid form resulting in a product water that is low in pH, ideal for precious metal or isotope recovery	Strong Cation Exchange	205 gm
D0803	Full Size	High Capacity	Removes ionised impurities, produces a larger quantity of water than that of the Ultrapure (D0809), however at a lower resistivity	Two-bed Ion Exchange	114 gm
D0835	Full Size	Pretreatment	Effectively removes colloids, bacteria, chlorine and organics	Macroreticular, Activated Carbon	19,000 litre
D0836	Full Size	Macropure	Effectively removes colloids, bacteria, chlorine and organics, increases filter life	Macroreticular, Activated Carbon	7,500 litre
D0813	Full Size	Organic Removal	Removes organics and chlorine	Activated Carbon	19,000 litre
D0811	Full Size	Oxygen Removal	Maintains low oxygen content to prevent corrosion in cooling water. The feedwater should contain less than 10ppm of ionised solids	Porous Strong Ion Exchange	30 gm
D0809	Full Size	Ultrapure	Removes ionised impurities to produce high resistivity water with a neutral pH	Mixed Bed	57 gm
D0832	Full Size	Ultrapure and Organic Removal	Commonly used as still pretreatment. Removes ionised impurities and has a layer of activated carbon to remove chlorine and organics	Mixed Bed, Activated Carbon	51gm / 3,800 litres
D8809	Full Size	Ultrapure and Oxygen Removal	Removes ionised impurities and oxygen to produce high purity water	Ultrapure, Oxygen Removal	24 gm / 30g
D8811	Full Size	Ultrapure, Oxygen & Organic Removal	Removes ionised impurities, oxygen and organics to produce high purity water	Ultrapure, Oxygen & Organic Removal	23.5 gm / 7,500 litre/ 12gm
D50215	Half Size	Organic Removal	Removes organics and chlorine	Activated Carbon	19000 litres /
D50214	Half Size	Oxygen Removal	Maintains low oxygen content to prevent corrosion in cooling water. The feed water should contain less than 10ppm of ionised solids	Porous Strong Anion Exchange	18gm
D50213	Half Size	Ultrapure	Removes ionised impurities to produce high resistivity water with a neutral pH	Mixed Bed	36 gm
D50217	Half Size	Ultrapure & Organic removal	Commonly used as still pretreatment. Removes ionised impurities and has a layer of activated carbon to remove chlorine and organics	Mixed Bed, Activated Carbon	18 gm / 7,500 litre
D50216	Half Size	Oxygen & demineralisation	Removes oxygen and ions. Commonly used in cooling loops	Oxygen Removal Mixed	18 gm / 35 litre