

## Thermo Scientific Barnstead Hose Nipple Cartridges

**Economical and simple way to purify water in small volumes up to 75L/hr**



- Barnstead™ Hose Nipple Cartridges may be installed in a series using simple tubing for greater capacity
- Color change indicator identifies when resin is exhausted in specific cartridges
- Designed for non-pressurized applications
- Cartridges include 0.38in. hose barb connection on each end except D8822, D8950 and D8951, which include tapered straight nipple for 0.38in. ID tubing
- Constructed of 100% virgin polypropylene cartridge with excellent quality resin

**Applications:** Softening, deionization, organic and chlorine removal  
**Alert:** Alcohol-containing samples cannot be used in cartridges containing the color indicator  
**System Warranty<sup>†</sup>:** One year parts, 90 days labor  
**Cartridge Warranty<sup>†</sup>:** 1 year parts

Cat. No.	Description	Flowrate	Length
<b>D8900</b>	Hose Nipple Cartridge Holder	Up to 75L/hr	1/2 Size: 25.9cm (10.2in.) 2/3 Size: 33.8cm (13.3in.) Full Size: 47.5cm (18.7in.)

### Required Accessories

Cat. No.	Description	Resin Type(s)	Capacity	Color Indicator <sup>†</sup>
<b>D50220</b>	1/2 Size Mixed Bed	Ultrapure Ion Exchange	430 grains	No
<b>D8822</b>	1/2 Size Mixed Bed with Oxygen Removal	Ultrapure Mixed Bed with Strong Anion Exchange	280 grains/4.4g	No
<b>D8950</b>	2/3 Size High Capacity	Two bed Ion Exchange with Strong Cation Exchange	1100 grains	Yes
<b>D8951</b>	2/3 Size Mixed Bed and Organic Removal	Mixed Bed Ion Exchange with Activated Carbon	470 grains/ 2000 gal.	Yes
<b>D8905</b>	Full Size Cation Removal	Cation Exchange	3000 grains	Yes
<b>D8901</b>	Full Size High Capacity	Two Bed Ion Exchange	1650 grains	Yes
<b>D8908</b>	Full Size Macroreticular, Cation Removal	Macroreticular Cation Exchange	n/a	No
<b>D8904</b>	Full Size Organic Removal	Activated Carbon	5000 gal.	No
<b>D8903</b>	Full Size Oxygen Removal	Strong Anion Exchange	30g	No
<b>D8921</b>	Full Size Pretreatment and Scale Eliminator	Mixed Bed and Strong Cation Exchange, Activated Charcoal	1250 grains/1000 gal.	Yes
<b>D8911</b>	Full Size Ultrapure	Ultrapure Ion Exchange	915 grains	No
<b>D8902</b>	Full Size Ultrapure	Ultrapure Mixed Bed Ion Exchange	915 grains	Yes
<b>D8922</b>	Full Size Ultrapure with Organic Removal	Mixed Bed Ion Exchange with Activated Carbon	730 grains/2000 gal.	Yes

<sup>†</sup>Alcohol-containing samples cannot be used in cartridges containing the color indicator.