

ULTRA-PURE WATER PRODUCTION

Surpassing the water purity capabilities of the SRDI, the PRDI is capable of producing water with a conductivity of 0.055µS/cm.

Typically installed after a reverse osmosis system, these cartridges are designed 'polish' pre-treated water for exacting applications that require ultra-high purity water.

Typical applications include autoclave, pharmaceutical and laboratory.



FEATURES & BENEFITS



- Uses nuclear grade mixed bed resin to achieve water resistivity of 18.3 MΩ
- Ideal solution for batch ultra-pure water processes

TECHNICAL DATA



Maximum Operating Pressure (bar)	5.5
Maximum Operating Pressure Differential (psi)	1.0 bar at 21°C
Operating Temperature (°C)	4-45

MATERIALS OF CONSTRUCTION



- 50% Strong acid cation gel-type (H+ Form)
- 50% Strong base anion gel-type (OH- Form)

DIMENSIONS



Dimensions (mm)			
Length (")	A	B	C
5	27	124	64
10	27	252	64
20	27	508	64
10LD	27	252	119
20LD	27	508	119

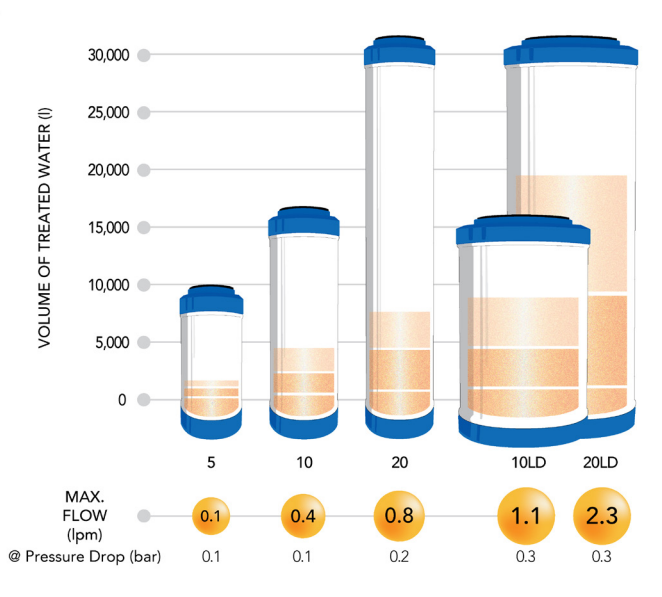
ORDERING GUIDE



Code	Length (")
PRDI	5
	10
	20
	10LD
	20LD

e.g. PRDI-5

PERFORMANCE



Total Dissolved Solids (mg/l)	Volume of Treated Water (l)					
	Cartridge Length (")	5	10	20	10LD	20LD
RO Permeate, 5 mg/l		1000	4000	7800	8775	19500
RO Permeate, 10 mg/l		500	2000	3900	4388	9750
Mains Water, 300 mg/l		17	66	133	150	330

PRODUCT RANGE



The below products have often been associated with this product.



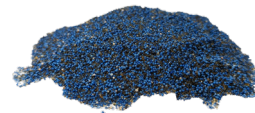
PRDI

Ultra-pure water production



SRDI

Deionised water production



SRDI-IND

Visual indicating DI water production



SRSO

Scale reduction



SRHM

Heavy metal ion removal



SRCA

Acidic water neutralising



SRNI

Nitrate removal from water