

Materials of Construction

Resin Polymer Structure:	Heavy Metal Removing Macroporous Polyacrylic Crosslinked with Divinylbenzene
Cartridge:	Polypropylene
End Caps:	Polypropylene
Gasket:	Thermoplastic Elastomer (TPE)
End Cap Filter Pad:	Polypropylene
Pre-Filter:	100µ Reticulated Polyfoam
Post Filter:	20µ Spun-Bonded Polypropylene

Certification

- WRAS approved.



Construction Notes

- Cartridge shells are manufactured from robust polypropylene for durability and chemical compatibility.

Technical Data

Operating Conditions	Maximum Operating Temperature (°C)	37		
	Maximum Operating Pressure (bar)	8.6		
	Maximum Capacity Heavy Metals* (mg) at Maximum Flow Rate (lpm)	SRHM-10	34,300 at 0.4	
		SRHM-20	70,000 at 0.8	
		SRHM-10BB	98,000 at 1	
SRHM-20BB		190,000 at 2.3		

*Heavy metal capacity based on Copper (Cu), Lead (Pb) and Zinc (Zn) removal

Physical Properties	Functional Group	Carboxylic Acid R-COOH
	Ionic Form	H ⁺
	Physical Form	Spherical beads >90%
	Uniform Coefficiency	1.70
	Particle Size Distribution	16 - 50 mesh
	Moisture Retention (%)	53 - 58

Resin Cartridge Range

Also available from the SPECTRUM Ion-X family:

- Ion-X Standard De-Ionising (SRDI)
- Ion-X Standard Heavy Metal Removal (SRHM)
- Ion-X Standard Nitrate Removal (SRNI)
- Ion-X Premier De-Ionising (PRDI)

