

8" PRESSURE VESSEL I-SERIES

R8040I Series

Value-Engineered for RO Applications | Installation Simplicity. System Reliability. Project Economics.



MODEL SPECIFICATIONS

MODEL	DESIGN / OPERATING PRESSURE	MAX. OPERATING TEMP.	MIN. OPERATING TEMP.	ELEMENT LENGTH
R8040I300S-00	300 PSI / 21 Bar	49° (120 F)	-7° (20 F)	40" (1-8 elements)
R8040I450S-00	450 PSI / 31 Bar	49° (120 F)	-7° (20 F)	40" (1-8 elements)
R8040I600S-00	600 PSI / 41 Bar	65° (150 F)	-10° (14 F)	40" (1-8 elements)
R8040I1000S-00	1000 PSI / 69 Bar	65° (150 F)	-10° (14 F)	40" (1-8 elements)

Specifications subject to change without notice, contact us for the most current information.

MATERIALS OF CONSTRUCTION

COMPONENT	DESCRIPTION	MATERIAL
Pressure Shell	Filament-wound vessel body	Epoxy / Glass FRP
Bearing Plate	End closure bearing surface	Engineering Thermoplastic
Head Seal	End closure O-ring seal	EPDM
Side Port	Feed / concentrate port 300 PSI & 450 PSI models	316L Stainless Steel
Side Port	Feed / concentrate port 600 PSI & 1000 PSI models	2507 Super Duplex Stainless Steel
Adapter	Port adapter fitting	Engineering Thermoplastic
Locking Kit Segment	Head locking mechanism	Stainless steel incl. screw and spring pad
Saddle	Vessel support saddle	Engineering Thermoplastic
Thrust Ring		Engineering Thermoplastic
Strap	Mounting Strap Assembly	Stainless steel and brass rubber

CERTIFICATIONS



Sustainable Materials. Scalable Solutions. Global Water Stewardship.

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Please contact your local Impact Filtration sales representative for the most current information.