

# Türi

## RSUF Series Ultrafiltration Systems

Advanced Ultrafiltration technology for whole-house water filtration applications

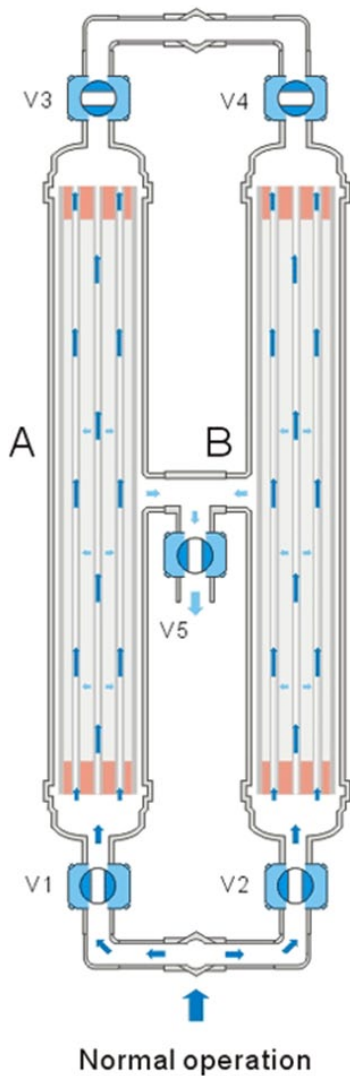


Türi automatic double cartridge UF filtration systems adopt inside-pressure, hollow fibre UF membrane modules. The UF membrane pore size is  $0.01 \mu\text{m}$ , assuring cyst bacteria and virus reduction to over 99% and permeate turbidity to 0.1NTU. Türi systems are ideal for reduction of colour when due to natural tannins. All Türi systems have automatic flushing and backwashing functions, programmable controls, making their operation simple and maintenance-free for the homeowner. The dual membrane design eliminates service interruptions during backwash and flushing operations providing the homeowner with reliable crystal-clear, pure water delivery.

**Waterite**



# TURI SPECIFICATIONS



## GENERAL SPECIFICATIONS

**TYPE:** Hollow fiber UF membranes, dead-end filtration, timer controlled flushing and backwashing.

**VOLTAGE:** 120VAC wall adapter / 6VDC

**FEED WATER PRESSURE:** 30 psi minimum, 80 psi maximum

**FEED WATER TEMP:** 40° C maximum

## MATERIAL SPECIFICATIONS:

**FRAME COLOUR:**  
RSUF24040BS: Galvanized / gray  
RSUF24040SP: White & gray

**FRAME MATERIAL:**  
RSUF24040BS: 304 stainless steel  
RSUF24040SP: Reinforced plastic / galvanized sheet

<b>FRAME DIMENSIONS:</b>	<b>RSUF24040BS</b>	<b>RSUF24040SP</b>
Height:	65.35" (1660mm)	65.35" (1660mm)
Width:	14.29" (363mm)	11.81" (300mm)
Depth:	10.63" (270mm)	9.84" (250mm)

**MEMBRANE:**  
RSUF24040BS: Hollow fiber UF membrane, BME4040UFHF  
RSUF24040SP: Encapsulated UF membrane, BME4040UFMS

**ELECTRICAL BALL VALVE:** 6VDC, 3/4" FNPT, 0 differential

**FEED WATER INLET:** 3/4" FNPT

**WASTE WATER OUTLET:** 3/4" FNPT

**PRODUCT WATER OUTLET:** 3/4" FNPT

**MEMBRANE HOUSING:**  
RSUF24040BS: 304 stainless steel  
RSUF24040SP: PVC

## PERFORMANCE SPECIFICATIONS

**PERMEATE PRODUCTION RATE:** 8.8 GPM\*

\*Production rate @ feed water of 300 TDS, 25°C @ 60 psi.

**BACKWASH RATE:** 4.4 GPM

## RECOMMENDED FEED WATER PRETREATMENT SPECIFICATIONS:

Free Chlorine	
Long exposure:	< 50 ppm
Short exposure:	< 300 ppm
pH:	2 - 10
Microbiological activity:	0
S.D.I.:	3 - 7

## DRY WEIGHT

RSUF24040BS: 70.50lbs (32.09kgs)  
RSUF24040SP: 59.52lbs (27.00kgs)



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Head Office Winnipeg, MB  
Branch sales offices and warehouses in  
Langley, BC •  
Barrie, ON • St-Laurent QC •  
Minneapolis MN  
[www.waterite.com](http://www.waterite.com)