

SELECTION GUIDE



**HOME DRINKING
WATER SOLUTIONS**

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REVERSE OSMOSIS

Recommended Models

<u>Item No.</u> ⁽¹⁾	<u>Model</u>	<u>Output GPD</u> ⁽²⁾	<u>TDS Monitor</u>
12302002	4VTFC50G	50	None
12302003	4VTFC75G	75	None
12303001	4VTFC25G-PB	25	Push Button
12303002	4VTFC50G-PB	50	Push Button
12303003	4VTFC75G-PB	75	Push Button
12304002	4VTFC50G-FM	50	Faucet
12304003	4VTFC75G-FM	75	Faucet

(1) Add "- 00" to end of item number for Canada (e.g. 12302002-00) or "- 01" to end of item number for U.S. (e.g. 12302002-01)

(2) Manufacturers' output specifications only with inlet conditions of 345 kPa (50 psig), 25°C (77°F), going to atmosphere.

Conditions for Use

Source Water Supply		Source Water Parameters	
Community/Private	Chlorinated/Non-Chlorinated	Hardness (CaCO ₃)	<20 gpg
Feed Water Pressure	242-690 kPa (35-100 psig)	Iron (Fe)	<0.1 ppm
Temperature	4°-38°C (40°-100°F)	Manganese (Mn)	<0.05 ppm
pH Range	3.0 - 11.0	Hydrogen Sulfide (H ₂ S)	0 ppm
Maximum TDS Level	2000 ppm	Residual Chlorine (Cl ₂)	<2.0 ppm
Turbidity*	<1.0 NTU *Nephelometric Turbidity Unit		
Maximum SDI**	<4.0 **Silt Density Index: Value stated in SDI Units		



A complete line is available for other applications including NSF standard 58 certified models.

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AQUAFIER ADVANCED MULTI-STAGE WATER TREATMENT SYSTEM

Recommended Models

<u>Item No.</u>	<u>Model</u>	<u>Service Flow</u> <u>GPM</u>	<u>Capacity</u> <u>Gallons</u>	<u>Gallons</u> <u>Monitor</u>
10401000	AQ 4V	0.5	1050	None
10403001	AQ 4V PB	0.5	1750	Push Button
10403002	AQ 4V FM	0.5	1750	Faucet

Conditions for Use

Source Water Supply Profile	
Community / Private	Chlorinated / Non-Chlorinated
System Pressure	173 - 690 kPa (25 - 100 psig)
Temperature	4°C - 38°C (40°F - 100°F)

Application Guidelines

Use this system on potable water supplies only. Do not use this system where water is microbiologically unsafe or with water of unknown quality without adequate disinfection before or after the system.



A complete line is available for other applications including NSF standard 42 & 53 certified models.



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ULTRAVIOLET DISINFECTION

Features	UVB Series	UV20 Series	DLR A Series	DLR M Series
Effective microbiological protection	●	●	●	●
NSF Standard Class A				●
Stainless steel disinfection chamber	●	●	●	●
High-intensity UV lamps	●	●	●	●
High performance electronics	●	●	●	●
Lamp operation indicator	●	●	●	●
Micro-computer controller				●
Audible alarm	●*	●*	●	●
Visual alarm	●*	●*	●	●
Push button alarm/computer reset				●
Optional automatic safety shut-off valve	●	●		●
Pre filtration	●	●		
EPCB cyst rated carbon filter	●	●		
UV intensity monitor and LED readout				●
UL listed	●	●	●	●

*Optional

Recommended Models



Item No.	Model	Flow Rates (GPM) at UV Dosage ⁽¹⁾			Inlet/Outlet Size Inches
		≥40 ml/cm ²	≥30 ml/cm ²	≥16 ml/cm ²	
15013001	UVB1-EPCB	.5	1.1	2	1/2"
15016201	UV20-2 w/CB	4	6	10	3/4"
8700	A1	4	5	10	1/2"
8701	A2	10	13	25	3/4"
8708 ⁽²⁾	M1 NSF	4	5	10	1/2"
8709 ⁽²⁾	M2 NSF	10	13	25	3/4"

⁽¹⁾ Recommend systems be sized for the flow rate given at a minimum UV dose of 30 ml/cm²

⁽²⁾ Models M1 & M2 are NSF Standard 55, Class A certified and include a flow control to maintain a 40 ml/cm² dose.

Water must be clear for the UV disinfection system to function properly. Pre-treatment may be required. Other models available for larger flow requirements.

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