

UFL Series Single Cartridge Ultra Filtration System



UFL - 440



UFL - 420

We partner with companies from around the globe to produce an ultra filtration system simple to use and very effective. Sized for point-of-use and point-of-entry applications, these systems are designed to reduce particulate matter, bacteria*, and viruses* from potable and process water (cooling water, fish tanks, etc.). This is the same technology now being used by municipal filtration plants to operate at lower costs, and do a more effective job of filtering water in a small space.

This system utilizes a patented, multi-bore ultra filtration membrane, the first of a new era of revolutionary products that provide the latest innovations in reusable surface filtration technology. The units require minimal pretreatment, small installation space, and use very little water for cleaning. Recovery ratios of 98% or more are typical.

Features:

- **Patented Multi-Bore Ultra-Filtration Membrane Technology.**
- **Removes Bacteria from Water**
*(Tested and verified by independent laboratory testing).
- **Substantial Reduction of Viruses**
*(Tested and verified by independent laboratory testing).
- **Easy to Program .**
- **Intelligent System For Self Cleaning.**
- **Durable Membranes For Long Life.**
- **Perfect for Residential use or OEM Applications (NSF does not certify process water).**




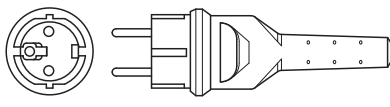
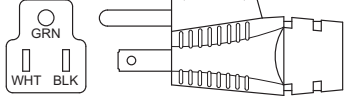
System Tested and Certified by NSF International against NSF/ANSI Standard 42 and 53 for the reduction of:

Standard No. 42: Aesthetic Effects
Nominal Particulate Reduction Class I
Standard No. 53: Health Effects
Cyst Reduction
Turbidity Reduction.





Electrical Ratings			
Model	Voltage	Watts	Hertz
UFL- 420	120/230	10	50/60
UFL- 440	120/230	10	50/60

Electrical Cord & Plug Configurations		
Letter Code*	Description	Configuration
C H	Commercial Cord Harmonized Cord	
(H)C**	CEE 7/7, 16 amp, 250 VAC (Assembly Only)	
(C)E***	5-15P, 15 amp, 120 VAC, Non – Locking (Assembly Only)	

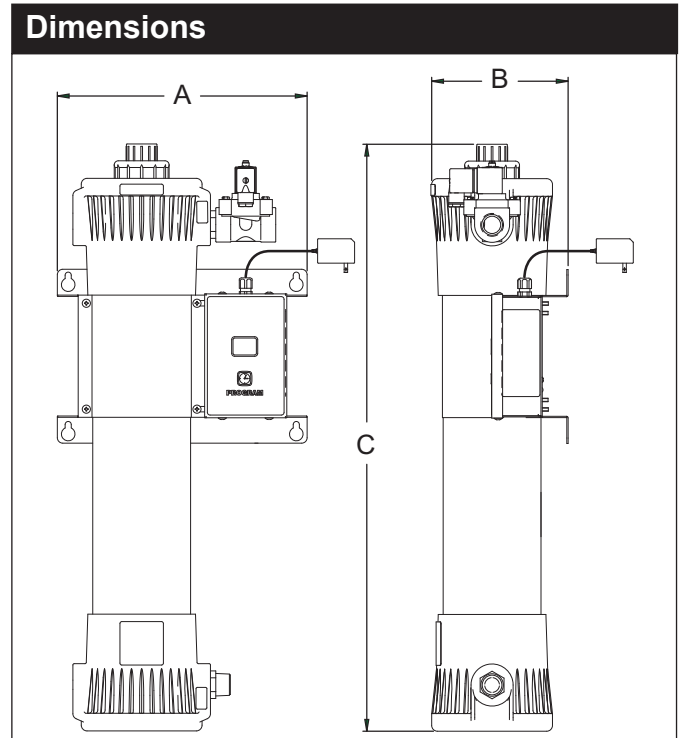
* Used in Model Designation

** Indicates that the Plug comes with a Harmonized Cord

*** Indicates that the Plug comes with a Commercial Cord

Specifications (Filter Cartridges)	
Maximum Operating Pressure	100 psig (690 kPa)
Maximum Operating Temp.	104°F (40°C)
Maximum Trans Membrane Pressure	45 psi (3.1 bar)
pH Range	3-10
MWCO	100 kD

Capacity:	SERIES	
	UFL - 420	UFL - 440
Liters per hour	1045	2089
Liters per minute	17	35
Gallons per hour	276	552
Gallons per minute	4.6	9.2



UFL-420


A Width	B Depth	C Height	Operating Weight (w/water)	Min. Clearance for Cartridge Change above or below unit
11.5 in	6 in	28 in	28 lbs.	19 in

UFL-440

A Width	B Depth	C Height	Operating Weight (w/water)	Min. Clearance for Cartridge Change above or below unit
11.5 in	6 in	47 in	42 lbs.	38 in

REPLACEMENT CARTRIDGE

UFL-420	L-420 (P/N 7000411)
UFL-440	L-440 (P/N 7000412)



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- Standard No. 53: Health Effects
- Cyst Reduction
- Turbidity Reduction.



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