

# LANTIS

## ULTRAFILTER

### **FEATURES:**

- HOLLOW FIBER TUBES
- BWS LANTIS VALVE TECHNOLOGY
- DEALER NAME/SERVICE CALL SCROLL SCREEN
- LINEARY RECIPROCATING PISTON OPERATION
- SHORT BACKWASH CYCLES
- MOTORIZED ISOLATION VALVE
- BATTERY BACKUP HOLDS T.O.D./SETTINGS
- BACK LIT MICROPROCESSOR CONTROL VALVE
- WEATHERPROOF NEMA 3R CONTROLLER
- NSF CERTIFIED COMPONENTS
- FILTERS DOWN TO 0.02 MICRON
- \*\*\*\*PILOT TESTING AVAILABLE\*\*\*\*



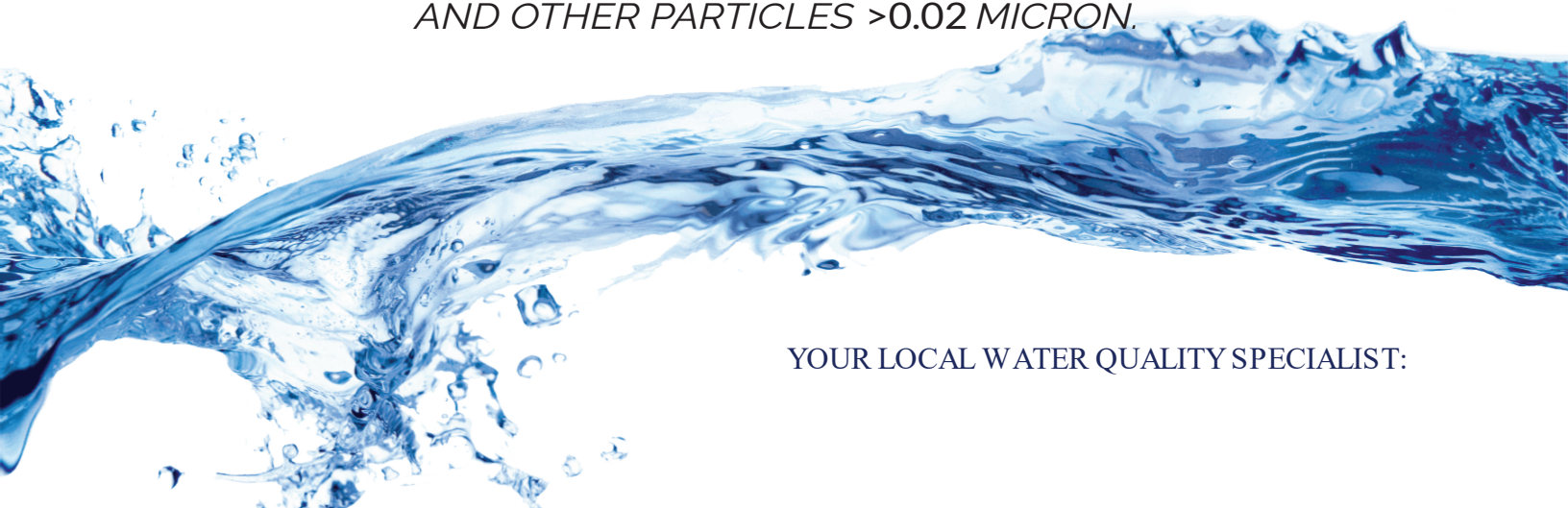
“Making Water Better!”

MODEL NUMBER SERIES	UF04C	UF04CS	UF04CT	UF04CTS	UF04CD	UF04CDS	UF10C1	UF10C1S	UF10C1T	UF10C1TS	UF10C1D	UF10C1DS
NOMINAL SERVICE FLOW (GPM)	4				8		10				20	
BACKWASH FLOW (GPM)					5.3							
BOTTOM FLUSH FLOW (GPM)					5							
BW/FLUSH FLOW DURATION	4 MIN				8 MIN		4 MIN				8 MIN	
BW/FLUSH FLOW TOTAL VOL	16* GALLONS		32 GALLONS				16* GALLONS		32 GALLONS			
IN/OUT CONNECTIONS	3/4" SHARKBITE						1" SHARKBITE					
BACKWASH DRAIN CONNECTION	5/8" O.D. TUBE OR 3/4" NPTM											
BOTTOM FLUSH DRAIN CONNECTION (IN)	1" NPTF											
SYSTEM CONFIGURATION	SINGLE TANK		TWIN ALTERNATING		DUPLEX PARALLEL		SINGLE TANK		TWIN ALTERNATING		DUPLEX PARALLEL	
SANITANT OPTION INCLUDED	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES	NO	YES
SPACE REQUIRED WxDxH (IN)	10/18/50	22/18/50	20/18/50	32/18/50	20/18/50	32/18/50	10/18/72	22/18/72	20/18/72	32/18/72	20/18/72	32/18/72
SHIPPING WEIGHT (LBS)	23LBS	28LBS	46LBS	51LBS	46LBS	51LBS	33LBS	38LBS	66LBS	71LBS	66LBS	71LBS

\*INSTALL BLADDER TANK (SOLD SEPARATELY) ON UF OUTLET WITH MINIMUM 10.6 GALLON DRAWDOWN CAPACITY TO PROVIDE FILTERED WATER FOR BACKWASH ON SINGLE TANK UNITS ONLY. INCREASE TANK CAPACITY TO ALSO SUPPLY TREATED WATER FOR USE DURING BACKWASH.

*THE BWS ULTRAFILTER SYSTEM IS A POINT-OF-ENTRY, WHOLE HOUSE FILTER WHERE MILES OF HOLLOW FIBER TUBES ARE BUNDLED TOGETHER AND ENCAPSULATED INSIDE AN 8" DIAMETER COMPOSITE PRESSURE VESSEL. THE UF VESSEL IS COUPLED WITH THE LANTIS CONTROL VALVE OFFERING ONE OF THE INDUSTRIES MOST VERSATILE AND PROGRAMMABLE SYSTEMS AVAILABLE. AND WITH THE ADDITION OF A TIMED CONTROLLED BOTTOM FLUSH VALVE, BWS HAS CREATED A DYNAMIC AND AUTOMATICALLY CONTROLLED SYSTEM, REQUIRING VERY LITTLE HOMOEOWNER INTERVENTION.*

*UF IS A FILTRATION PROCESS WHEREBY SOLIDS AND HIGH MOLECULAR WEIGHT ORGANIC MOLECULES ARE REMOVED FROM WATER AS IT PASSES THROUGH THE SEMI-PERMEABLE UF MEMBRANE. TINY PORES IN THE MEMBRANE ALLOW THE WATER AND ANY DISSOLVED MINERALS TO PASS THROUGH THE MEMBRANE, WHILE ANY SOLIDS AND ORGANIC COMPOUNDS LARGERS THAN THE MEMBRANE'S MOLECULAR WEIGHT CUT OFF, ARE REJECTED. THE RESULT IS TREATED WATER WITH RECUEDED LEVELS OF BACETERIA, VIRUSES, AND CYSTS, THAT IS ALSO VIRTUALLY FREE OF COLLOIDS, SEDIMENT, TANNINS, TURBIDITY, AND OTHER PARTICLES >0.02 MICRON.*



YOUR LOCAL WATER QUALITY SPECIALIST:



"Making Water Better!"