

ULTRAFILTER

"MAKING WATER BETTER"

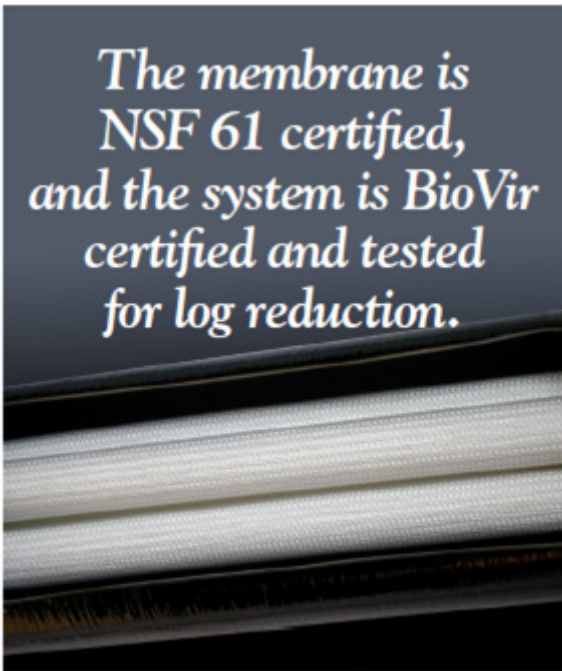
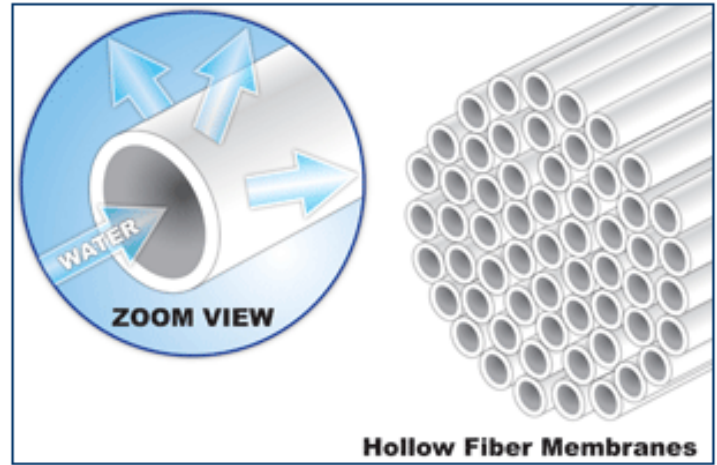
THE BWS ULTRAFILTER OFFERS A CREATIVE YET SIMPLE SOLUTION TO REMOVE SEDIMENT DOWN TO .02 μm WITHOUT SACRIFICING WATER FLOW



BWS
WATER SOLUTIONS

FEATURES

- ✓ HALLOW FIBER TUBES
- ✓ SHORT BACKWASH CYCLE
- ✓ MOTORIZED ISOLATION VALVE
- ✓ LIMITED WASTE DISCHARGE
- ✓ NSF CERTIFIED COMPONENTS



How it works

The BWS UltraFilter (UF) 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 BWS Voda control valve for backwashing. The addition of a timer controlled bottom flush valve creates, a complete, automatically controlled system requiring very little homeowner intervention.

UF is a filtration process whereby solids and high molecular weight organic molecules are removed from water as it passes through the semipermeable 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 larger than the membrane's molecular weight cut off, are rejected. The result is treated water with recued levels of bacteria, viruses, and cysts, that is also virtually free of colloids, sediment, tannins, turbidity, and other particles >0.02 µm.

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 (MINS)	4				8		4				8	
BW/FLUSH FLOW TOTAL VOL (GAL)	16*		32				16*		32			
IN/OUT CONNECTIONS	3/4" SHARKBITE						1" SHARKBITE					
BACKWASH DRAIN CONNECTION (IN)	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 MINCLUDED	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

