



## IPURE UF Units Improve Water Filtration



IPURE HF Ultrafiltration Unit

The iPURE Hollowfiber Ultrafiltration (HFUF) units are designed to treat surface water, ground water, seawater and wastewater as either primary treatment or as pretreatment to reverse osmosis (RO) and/or nanofiltration (NF) units. Compared to conventional pretreatment; iPURE HFUF units allow for higher flux rates for RO and NF systems while maintaining longer intervals between membrane cleanings. These units can also replace conventional pretreatment for potable water, water recycling and ground water recharge. Each unit is provided completely assembled, ready for quick on-site hook up to service utilities and your distribution network.

**MODULAR UNIT DESIGN** insures that each system is exactly the same, pre-engineered and factory tested; significantly reducing on site commissioning times.

**EASY UNIT OPERATION AND CONTROL** via the standard English message interface simplifies operator interaction with the system. The unit not only clearly displays current operational modes but also includes; malfunction alarm notification with user selectable alarm indication points, required component maintenance and consumable component replacement notification and current operational parameters displays.

**COMPREHENSIVE SERVICE AND SUPPORT** program simplifies unit operation by insuring that each unit can be cleaned, sanitized and maintained using either our simple to follow maintenance support instructions or by having our factory trained and certified technicians provide comprehensive on site maintenance services.

**INNOVATIVE AND SIMPLE OPERATION** insures cost effective production of filtered water without the maintenance and down time of traditional pretreatment systems.

# Hollowfiber UF Series Unit

## *Product Technical Specifications*

<u>Model Number</u>	<u>Product Rate* (GPM)</u>	<u>Inlet/Outlet/Drain Connection Size</u>	<u>Unit Dimensions (WXLXH)</u>
HFUF-40M002	14-38	2"	42" x 78" x 96"
HFUF-40M003	21-57	2"	42" x 78" x 96"
HFUF-40M004	28-76	2"	42" x 78" x 96"
HFUF-60M002	22-60	2"	42" x 78" x 96"
HFUF-60M003	33-90	2"	42" x 78" x 96"
HFUF-60M004	44-120	3"	42" x 78" x 96"
HFUF-60M006	60-180	4"	48" x 84" x 102"
HFUF-60M008	80-240	4"	48" x 84" x 102"
HFUF-60M0010	100-300	6"	54" x 168" x 108"
HFUF-60M0012	120-360	6"	54" x 168" x 108"
HFUF-60M0014	140-420	6"	54" x 168" x 108"
HFUF-60M0016	160-480	6"	54" x 168" x 108"

\*System capacity is based on operation of the unit at a membrane flux rate of 35 to 85 GFD. Actual operating flux rates may vary depending on feed water conditions and water quality. Contact your local representative for further details.

## **Standard Features**

- Modular design for easy expansion
- Epoxy-coated steel frame for floor mounting
- PES HFUF membranes
- PVC pressure vessels
- Stainless steel high pressure gauges
- PVC pipe manifold
- Automated sequence control valves

## **Optional Features**

- UF supply booster module
- Inlet sediment pre-filter
- UF backwash booster module
- Automatic inlet low pressure shutoff
- Automatic outlet high pressure shutoff
- Automatic differential pressure system
- PLC control system
- UL/CE label