

NIMBUS CUF-2500

Portable Ultrafiltration System

The rugged CUF-2500 system is designed for field-use under challenging conditions. The system produces 2,500 gpd (1.7 gpm) of purified drinking water using a combination of filters including: high-capacity gradient depth prefilter, hollow-fiber ultrafiltration membrane, and granular activated carbon postfilter.

The system is configured for use with a gravity feed source (18 psi minimum); no electrical input required. Options include: solar power configuration with solar panels, submersible pump and controller, or generator power configuration with submersible pump and converter.

All system components are built into the rolling case. Feed, product and backwashing ports are positioned along the top edge of the case along with pressure gauges and system valves.

This system is light enough to be moved and deployed by one person. At 75 lbs., the system may also be checked as baggage on most commercial airlines.



(Shown with optional submersible pump.)



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FEATURES AND SPECIFICATIONS

- Output: 2,500 GPD, 1.7 GPM*
- Hollow fiber ultrafiltration membrane removes 99.999% of bacteria and cysts while substantially reducing viruses.
- Prefilter: High efficiency, gradient depth filter
- Postfilter: 10" granular activated carbon
- External product/drain quick connect fittings
- External standard hose-fitting feed connection
- Prefilter in/out pressure gauges
- Manual product, feed, drain, tank flush valves
- Stainless steel membrane housing
- Rugged case is unbreakable, watertight, airtight, dustproof, chemical resistant and corrosion proof.
- Case dimensions: 32-1/2" x 20-1/2" x 11-5/16" (82.5 cm x 52 cm x 28.7 cm)
- Total weight: 75 lbs

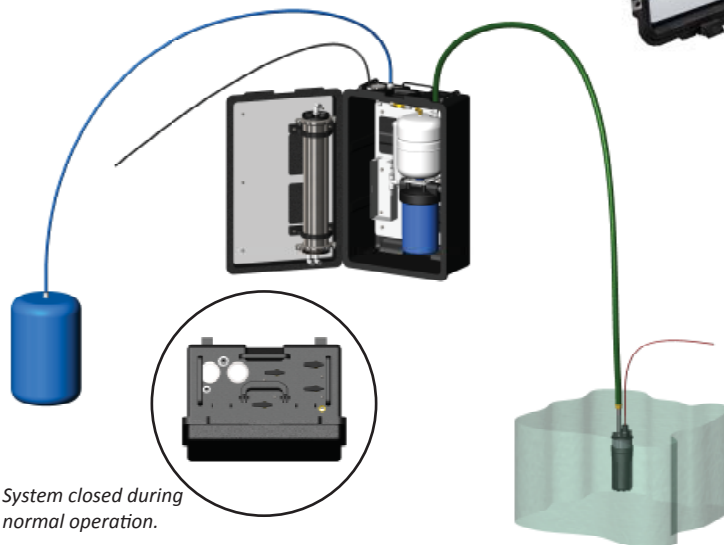
*Based on 24 hour operation with feed water at 35 psi, 77°F/25°C.

OPTIONS

- Solar power configuration
- Generator power configuration
- Atmospheric storage tank
- Delivery pump

TYPICAL INSTALLATION DIAGRAM

(shown with optional submersible pump)



System closed during normal operation.

