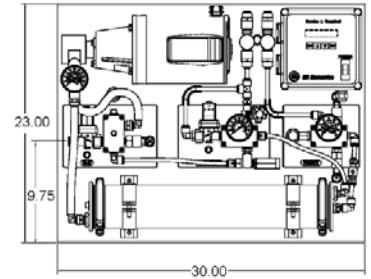
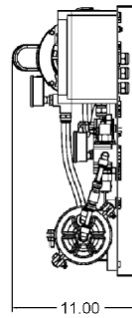


BEV Rite* WM 800

Water Purification System



Description and Use

The BEV Rite* WM-800 is a compact, wall-mountable system that purifies water using reverse osmosis technology. Feed water is pressurized and passed through a reverse osmosis membrane element. The element splits the stream into a stream of purified water (permeate) and concentrated water (concentrate).

Performance

Permeate Rate = 33 GPH (800 GPD)

Concentrate Rate = 99 - 33 GPH

Feed Rate = 132 - 66 GPH

Recovery = 25-50%

Design Temperature = 77°F (15.6°C)

Controller

GE Osmonics proprietary RO system controller

Process parameters measured:

- > Permeate and concentrate flow
- > Permeate quality (TDS)
- > Permeate temperature

Other Features

- > Two-line liquid crystal display
- > Simple, four button operation
- > Auto-flush on shutdown
- > Delays programmed to protect pump
- > Change filter reminder based on run time

Instrumentation

Flow: Permeate, Concentrate

Conductivity: Permeate

Temperature: Permeate
Pressure: Pump discharge (primary),
Operating (concentrate),
Permeate - locally mounted gauges

Pressure Switch: Feed, Permeate (high/low)

Installation and Utility Requirements

Inlet: 0.5-in (12.7mm) tube

Permeate / Concentrate: 0.38-in (9.7mm) tube

Inlet Water Pressure: 15 -60 PSI

Drain to be sized for: 135 GPH

Motor Power: 115 VAC,
1-phase, 60 Hz

Control Circuit: 115 VAC,
1-phase, 60 Hz

Dimensions: 23 in height x 30 in width x
11 in depth (584mm x
762mm x 279mm)

Shipping Weight: 119 lb (54 Kg)

Operating Weight: 110 lb (50 Kg)

Pump Model

Model: Procon - 114A240F11CA170

Motor Hp, Type: 0.75 HP, ODP

Amp Draw: 11.6A

Design Flow Rate: 240 GPH

Agency Approvals and Standards

UL: 508A

cUL: CSA-C22.2 No.14

NSF: 58 (when used with PF-110 Post-filter and
Storage tank)



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