



Technical Data Sheet **Hallett 750PN**

www.uvpure.com

Potable Water Applications



Model Validation protocol

Hallett 750PN

NSF/ANSI 55 CLASS A

Operating Range

Flow (single unit) UV dose UV Transmittance [UVT] (water) Hardness (water)

Iron (water)

Temperature (air and water)

Water pressure Relative humidity (air) Up to 27.4 US gpm (104 Lpm) 40 mJ/cm^2

Minimum 80% UVT Maximum 855 mg/L (50 gpg)

Maximum 3 mg/L (3 ppm) 34 - 104°F (1 - 40°C) 5 - 100 psig (34 - 690 kPa)

Maximum 70%

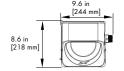
Features

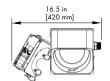
Quartz sleeve cleaning Wiper position switch Purge valve Cooling Flow restrictor Shut-off valve Built-in - automatic mechanical wiper

Built-in Built-in

Built-in - forced air Standard - internal

Optional - automatic solenoid





Electrical/Instrumentation

Voltage

Power consumption (nominal)

Certifications UV lamps

Lamp life (typical)

Lamp cycles (recommended)

Sensors
Dry contacts
Interface
Alarming
Remote start/stop

Onboard diagnostics
4-20mA Output & Modbus

120 V AC, 50/60 Hz

222 W UL 979

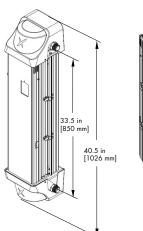
Dual LPHO - air mounted

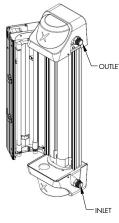
9,000 hours

Maximum 2 per 24 hours

Dual UV - calibrated to NIST standards Built-in - 2 provided (warning and alarm) Colour LCD resistive touchscreen display Indicator light and audible alarms

Built-in Built-in Optional





Physical

Dimensions ($H \times W \times D$) Weight (dry)

Weight (wet)
Wetted parts

Body materials
Body configuration

Inlet/outlet ports
Ingress Protection rating

Multiple units Warranty 40.4 × 9.6 × 8.6 in (1026 × 244 × 218 mm)

34 lb (15.5 kg) 38 lb (17.2 kg)

Meets NSF/ANSI 61 & NSF/ANSI 372 for water up to 73°F (23°C)

Anodized aluminum and 316 Stainless Steel

Double door with side hinges

1" MNPT Stainless Steel, optional - Stainless Steel hose IP 51, optional - IP 66 for NEMA cabinet systems Multiplex manifold and cabinets available

5-year limited warranty for structural, hardware and mechanical components; 3-year limited warranty on electrical components and quartz sleeves; 12-month limited warranty on bulbs; and 1-year limited warranty on sensor probes

info@uvpure.com

Contact a UV Pure representative to confirm product operating parameters for specific applications.

The Hallett 750PN is installed indoors on a wall in a dry location. The unit should be plumbed in downstream of any pretreatment devices but upstream of distribution plumbing. The Hallett 750PN plugs into a 120Vac ground-fault circuit-interrupter (GFCI). The Hallett 750PN incorporates both audible and visual alarms to indicate system status and an optional normally closed solenoid valve is available to shut off the water supply in the event of a system fault.

The automatic quartz cleaning feature is engineered to eliminate the periodic maintenance required by conventional UV systems. The UV lamps p/n C300064, Lamp Pair p/n C300065, require replacement after 12 months of operation.



System Tested and Certified by NSF International against NSF/ANSI Standard 55 for Disinfection Performance, Class A.

This Class A system conforms to NSF/ANSI 55 for the disinfection of microbiologically contaminated water that meets all other public health standards. This system is not intended to convert wastewater or raw sewage to drinking water. The system is intended to be installed on visually clear water.

NSF/ANSI 55 defines wastewater to include human and/or animal body waste, toilet paper, and any other material intended to be deposited in a receptacle designed to receive urine and/or feces (blackwaste); and other waste materials deposited inplumbing fixtures (greywaste).

If this system is used for the treatment of untreated surface waters or ground water under the direct influence of surface water, a device found to be in conformance for cyst reduction under the appropriate NSF/ANSI Standard shall be installed upstream of the system.

Manufactured by: UV Pure Technologies Inc.

455 Milner Avenue Toronto, Ontario, M1 B 2K4 416-208-9884 888-407-9997 info@uvpure.com

All replacement parts may be purchased through $\ensuremath{\mathsf{UV}}$ Pure.