EWP-USA

Technical Data Sheet Hallett[™] 750R

Reuse & Rainwater **Applications**





Up to 40 US gpm (151 Lpm)

Maximum 855 mg/L (50 gpg)

Maximum 3 mg/L (3 ppm)

34 - 104°F (1 - 40°C)

Model Validation protocol

Hallett 750R Third Party (PENDING)

Operating Range

Flow (single unit)

UV dose

UV Transmittance [UVT] (water) Hardness (water)

Temperature (air and water)

Water pressure

Iron (water)

5 - 100 psig (34 - 690 kPa)

Min. 40 mJ/cm²

50 - 95% UVT

Maximum 70% Relative humidity (air)

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 Optional - internal

Optional - automatic solenoid

Electrical/Instrumentation

Voltage 120 V AC, 50/60 Hz

Power consumption (nominal) 222 W Certifications UL 979

UV lamps Dual LPHO - air mounted

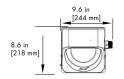
Lamp life (typical) 9,000 hours

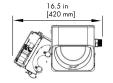
Lamp cycles (recommended) Maximum 2 per 24 hours

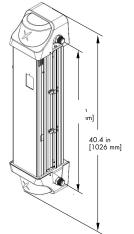
Sensors Dual UV - calibrated to NIST standards Dry contacts Built-in - 2 provided (warning and alarm) Colour LCD resistive touchscreen display Interface Alarming Indicator light and audible alarms Built-in Remote start/stop

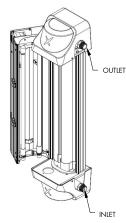
Built-in Optional

Onboard diagnostics 4-20mA Output & Modbus









Physical

Warranty

Dimensions $(H \times W \times D)$ $40.4 \times 9.6 \times 8.6$ in $(1026 \times 244 \times 218 \text{ mm})$

34 lb (15.5 kg) 38 lb (17.2 kg) Weight (dry) Weight (wet)

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

Anodized aluminum and 316 Stainless Steel Body materials

Double door with side hinges Body configuration

1" MNPT Stainless Steel, optional - Stainless Steel hose Inlet/outlet ports IP 51, optional - IP 66 for NEMA cabinet systems Ingress Protection rating Multiple units

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

