EWP-US

Technical Data Sheet Hallett[™] 500R

Reuse & Rainwater Applications



Operating Range

Flow (single unit) UV dose UV Transmittance [UVT] (water) Hardness (water) Iron (water) Temperature (air and water) Water pressure Relative humidity (air)

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

Physical

Dimensions (H x W x D) Weight (dry) Weight (wet) Wetted parts Body materials Body configuration Inlet/outlet ports Ingress Protection rating Multiple units Warranty Up to 37.5 US gpm (142 Lpm) Min. 40 mJ/cm² 50 - 95% 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%

120 V AC, 50/60 Hz

Dual LPHO - air mounted

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

196 W

UL 979

Built-in

Built-in

Optional

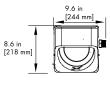
9,000 hours

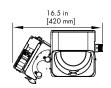
Model Validation protocol

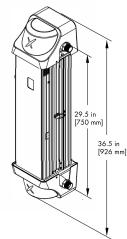
Features

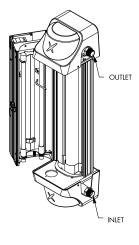
Quartz sleeve cleaning Wiper position switch Purge valve Cooling Flow restrictor Shut-off valve Hallett 500R Third Party (PENDING)

Built-in - automatic mechanical wiper Built-in Built-in Built-in - forced air Optional - internal Optional - automatic solenoid









36.5 x 9.6 x 8.6 in (926 x 244 x 218 mm) 32 lb (14.6 kg) 36 lb (16.3 kg) Meets NSF/ANSI/CAN 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

