

# Technical Data Sheet **Hallett™ 750W**

**Wastewater Applications** 



## Model Validation protocol

Hallett 750W Third Party (PENDING)

### **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 40 US gpm (151 Lpm) Min.  $30 \text{ mJ/cm}^2$ 

50 - 95% ÜVT 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 Optional - 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

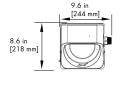
9,000 hours

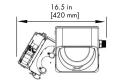
Maximum 2 per 24 hours

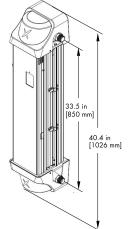
Dual UV - calibrated to NIST standards
Built-in - 2 provided (warning and alarm)
Colour LCD resistive touchscreen display

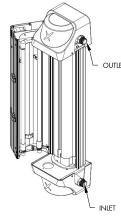
Indicator light and audible alarms

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

 $40.4 \times 9.6 \times 8.6$  in  $(1026 \times 244 \times 218$  mm)

34 lb (15.5 kg) 38 lb (17.2 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

