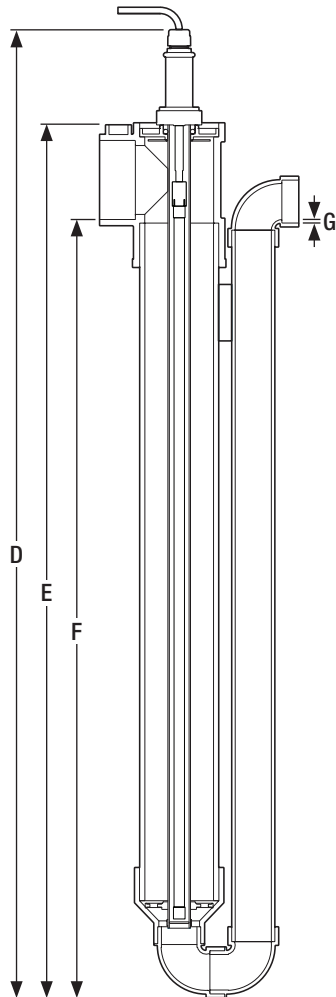


Orenco AXUV disinfection unit
(top view)



Orenco AXUV disinfection unit
(side cutaway view)

Materials of Construction

Contact chamber	Schedule 40 black ABS
Cord grip	Nylon
Inlet tee	Schedule 40 black ABS
Lamp assembly seal	EPDM rubber
Lamp sleeve	Fluorinated ethylene propylene
Other fittings	Black ABS
Outlet	Black ABS
Quick-disconnect couplings	Black ABS

Specifications

Dimensions, in (mm)

A	5.63 (143)
B	10.06 (256)
C	1 1/2 NPS
D	42.25 (1073)
E	38.56 (979)
F	34.50 (876)
G Inlet-to-outlet fall	0.5 (13)

AXUV Unit Performance

Ballast	120V, AC, 50 or 60Hz; end-of-life-feature protects UV lamp and cord; housed in UL-listed Orenco control panel
Cord plug	UL-listed four-pin connector, lampholder, electric discharge, 1000V or less
Lamp	31 in (787mm), 92VAC, 50 or 60Hz, 425mA, 38W; 254nm UVC intensity at 1m is 125mW/cm ²
Power cord	600V, 18/2 UL Type TC
Target dose, minimum	30,000-38,000μW-s/cm ²
Typical contact chamber UV dose (65% transmittance, 20% lamp degradation)	276,000μW-s/cm ² at 1gpm (0.06L/sec) 55,000μW-s/cm ² at 5gpm (0.32L/sec) 28,000μW-s/cm ² at 10gpm (0.63L/sec)