

NAM

Certification/Approvals: USEPA UVDGM, MET UL Certified, CE Marked, NSF 50
3 log Crypto, NSF61, NVI

Common Option Features

Features	Standard Chamber Specification	Options
Lamp Life	9,000 Hours	
Lamp design	TWISTLOK™ Quick Release, Enhanced Safety - Medium Pressure	
Lamp and Wiper Access	Single Ended Access	
Design Pressure	100 psi design (150 psi test)	
Number of Sensors	1-off (2-off for model WF-640-16)	
Variable Power	100% to 30% Power (Automatic Dose Pacing)	
Connection Type	ANSI 150	
Generator Material	316L Stainless Steel	Superduplex (25Cr) Stainless Steel
Internal / External Finish	Machined Polished	
Internal Surface Finish	1.6 Ra	
Quartz Type	High Purity Quartz Sleeves	TiO2 Doped quartz
Mounting	Fixed Brackets	
Cleaning system	Automatic Wiper System	
Temperature Probe	AT-487 (PT-100)	
Vent Port	1/2" NPT (Air Release Valve supplied for horizontal installations)	
Drain Port	1 1/2" NPT	
Installation	Horizontal or Vertical (Lamps must be Horizontal)	

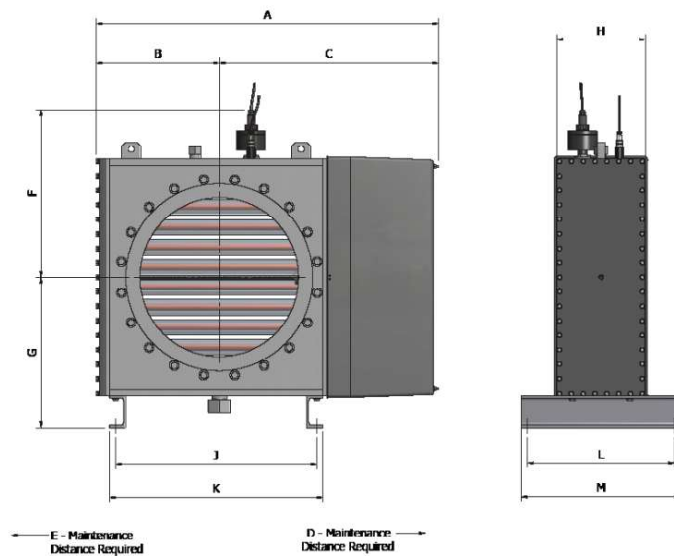
**Common Option Features
(continued)**

Features	Standard Control Cabinet Specification	Options
Material	Epoxy Coated Mild steel - RAL 7035	Stainless Steel (304)
Control Type	Spectra 3 Microprocessor	
Power supply	Electronic Ballast	
Ingress Protection	NEMA 12	NEMA4X
Ventilation	Forced Air (Fan)	
Interface	Spectra Membrane	Spectra Touch (Standard for WF-1060-24 & WF-1280-32)
Communication	Modbus (RS-422 / RS-485)	Profibus DP
Protection	Door Locked Fused Isolator	
Operating Temperature	Max Working Ambient 113°F	
Digital Inputs	3-off selectable	Additional 3-off
Digital Outputs	3-off selectable	Additional 3-off
Analogue Inputs	1-off selectable	Additional 1-off
Analogue Outputs	1-off selectable	Additional 1-off

UV System

WF-640-16

Number of Lamps	6
Connection Size (inch/ mm)	ANSI / DN 16/ 400
Power Consumption (Variable)	7.9 – 26.4 kW
380v - 480v, 3Ph + E, 50/ 60hz	Standard
30 feet	Standard
45 feet	Option
90 feet	Requires local JB



UV System

WF-640-16

Chamber Dimensions

A (mm / inches)	974 / 38.3
B (mm / inches)	326 / 12.8
C (mm / inches)	648 / 25.5
D (mm / inches)	650 / 25.6
E (mm / inches)	250 / 9.8
F (mm / inches)	404 / 19.0
G (mm / inches)	420 / 16.5
H (mm / inches)	278 / 10.9
J (mm / inches)	460 / 18.1
K (mm / inches)	500 / 19.7
L (mm / inches)	460 / 18.1
M (mm / inches)	500 / 19.7
Dry Weight (kg / lbs)	232 / 491.6
Wet Weight (kg / lbs)	312 / 692.3

Cabinet – Dimensions (NEMA12)

Width (mm / inches)	740 / 29.1
Height (mm / inches)	1300 / 51.2
Depth (mm / inches)	660 / 26.0
Weight (kg / lbs)	155 / 341.7



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