

FUV Series

HIGH PERFORMANCE ULTRAVIOLET SYSTEM

PRODUCT INFORMATION

The Filtrafine FUV Series features a compact design that incorporates a UV treatment chamber with an electrical cabinet base that contains all electrical components and instrumentations.

These compact and one-piece UV models are engineered for indoor installation and controlled operating environments.

MATERIALS of CONSTRUCTION

Shell / Flange : 316L stainless steel for liquid contacted

Cover / Legs : 304 stainless steel

Chamber & Sleeve O-rings : Viton(standard)



All lamps and ballasts are CE certificated.



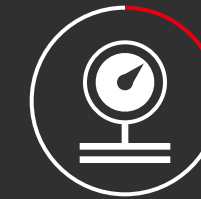
Manufactured under a certificated ISO9001 and ISO14001 quality system.



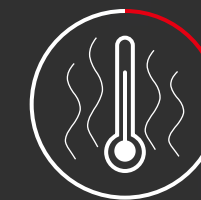
316L stainless steel for liquid contacted.



Lower maintenance and operational cost.



Maximum Operating Pressure 100 psig.



Maximum Operating Temperature 104°F(40°C).



IP54 Water Resistant.



SPECIFICATION - FUV Series HIGH PERFORMANCE ULTRAVIOLET SYSTEM

MODEL	1HSA	1HSB	2HSB	2HSC	2HLB	2HSD	2HLC	2HLD	4HLC	6HLC	5HLD	6HLD	8HLD	8HLE	8HLF	8HLG	10HLG	12HLG	12HLH
MAXIMUM FLOW RATE																			
DISINFECTION @ 94% UVT GPM (CMH)*	20 (4.6)	24 (5.4)	40 (9.2)	64 (14)	84 (19)	89 (20)	134 (30)	188 (42)	235 (53)	297 (67)	410 (93)	466 (106)	551 (125)	687 (156)	839 (190)	933 (212)	1130 (257)	1320 (302)	1440 (327)
DISINFECTION @ 99% UVT GPM (CMH)*	22 (5)	26 (6)	44 (10)	75 (17)	93 (21)	112 (25)	158 (36)	234 (53)	275 (62)	349 (79)	501 (114)	569 (129)	689 (156)	924 (210)	1150 (262)	1370 (311)	1630 (370)	1890 (430)	2190 (498)
NUMBER of UV LAMPS	1	1	2	2	2	2	2	2	4	6	5	6	8	8	8	8	10	12	12
ELECTRICAL REQUIREMENTS																			
ELECTRICAL SUPPLY	220V/50-60Hz, SINGLE PHASE, 2W + GND																		
OPERATION POWER (NOMINAL WATTS)	165		290		430	290	430		740	1050	895	1050		1360			1670		1980
CONTROLLER / DETECTOR																			
LED LAMP STATUS INDICATOR	STANDARD																		
TIME METER	STANDARD																		
LAMP OUT ALERT (LOA)	STANDARD																		
SENSOR (4~20mA SIGNAL)	OPTIONAL																		
TREATMENT CHAMBER																			
MATERIALS of CONSTRUCTION	316L STAINLESS STEEL for LIQUID CONTACTED																		
INTERNAL SURFACE FINISH	Ra 32 (Ra 15 OPTIONAL)																		
OPERATING TEMPERATURE °F (°C)	WATER: 40° - 104° (5° - 40°) AMBIENT AIR: 34° - 104° (1° - 40°)																		
MAX. OPERATION PRESSURE (PSI)	100																		
INLET/OUTLET FLANGE SIZE	1"	1.5"	2"		3"		4"		6"			8"			10"				
HOT WATER SANITIZATION °F (°C)	176° (80°)																		
INLET/OUTLET FITTING	STANDARD: ANSI OPTIONAL: JIS, MPT, SANITARY, DIN																		

* Dose Level: 30 mJ/cm² after 9,000 hours of operation.