

Ultraviolet Sterilizers

Ultraviolet Sterilizers

- Reliable, economical and chemical free way to safeguard drinking water
- Designed and tested against the most rigorous validation and testing methods in the industry
- Equipped to inactivate chlorine-resistant parasites such as *Cryptosporidium* and *Giardia*, harmful bacteria like *E.Coli* and viruses not visible to the naked eye
- The high output validated UV lamp is engineered to treat variable water conditions
- Lamps and sleeves are assembled together for ease of handling. They can be replaced separately, in minutes, without tools
- Lamp plug ensures no one can power the UV lamp if it's not in the UV chamber
- Safety-Loc Connector prevents accidental UV exposure (UL 979 compliant)
- 304 Stainless Steel Chamber
- Max Operating Pressure: 125 psi
- Vertical or horizontal installation
- Replace lamp after 9000 hours of continuous use



VT1



S2Q-PA



S5Q-PA, SV5Q-PA & VP600



S8Q-PA, SV8Q-PA & VP950



D4 & D4-V



D4+, D4-V+, E4+ & E4-V+



D4 Premium, E4 & E4-V



F4 & F4-V



F4+ & F4-V+

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Ultraviolet Sterilizers Selection Chart

Features	Voltage	Min Disinfection Flow Rate 40 mJ/cm ² @ 95% UVT Water	Chamber Dimensions	Connection Size Inlet / Outlet	Power Consumption	Flow Control to Add	Part Number
Tap Series Entry level point of use system that is small, durable and easy to install. Perfect for single faucet, water fountain or low-flow applications.							
Visual Power On	120 VAC	0.7 GPM	12 1/2" x 2 1/2"	3/8" FNPT/ 1/2" MNPT	13W	FCGB-1NL	VT1
Tap Plus Series Compact point of use (single tap) system							
Visual Power On Visual Lamp Life Remaining Audible Lamp Failure Audible Lamp Repl. Reminder	120 VAC	2 GPM	15" x 2 1/2"	1/2" MNPT	22W	FCGB-2NL	S2Q-PA
Home Series Designed for use in small or average sized homes or cottages.							
Visual Power On Visual Lamp Life Remaining Audible Lamp Failure Audible Lamp Repl. Reminder	120 VAC	4.5 GPM	22" x 2 1/2"	3/4" MNPT	30W	FCGC-4.5NL	S5Q-PA
	120 VAC	*3.6 GPM	22" x 2 1/2"	3/4" MNPT	30W	Included	*SV5Q-PA
	120 VAC	8 GPM	35" x 2 1/2"	3/4" MNPT	46W	FCGC-8NL	S8Q-PA
	120 VAC	*7.0 GPM	35" x 2 1/2"	3/4" MNPT	46W	Included	*SV8Q-PA
Home Plus Series Highly featured whole home system with graphical interface designed for use in average or larger sized homes. Models with LCD Controller: Large backlit display simultaneously displays lamp life remaining, UV intensity status, support contact information and lamp replacement reminder. Models with UV Sensor: Continuous feedback of disinfection performance.							
Visual Power On Visual Lamp Life Remaining Audible Lamp Failure Audible Lamp Repl. Reminder	120 VAC	9 GPM	20 1/2" x 4"	3/4" MNPT	50W	FCGC-10NL	650694-R (D4)
	120 VAC	*8.9 GPM	20 1/2" x 4"	3/4" MNPT	50W	Included	*660039-R (D4-V)
LCD Controller Visual Power On Visual Lamp Life Remaining Audible Lamp Failure Audible Lamp Repl. Reminder	120 VAC	9 GPM	20 1/2" x 4"	3/4" MNPT	50W	FCGC-10NL	660089-R (D4 Premium)
LCD Controller UV Sensor Visual Power On Visual Lamp Life Remaining Audible Lamp Failure Audible Lamp Repl. Reminder	120 VAC	9 GPM	20 1/2" x 4"	3/4" MNPT	50W	FCGC-9NL	650695-R (D4+)
	120 VAC	*8.9 GPM	20 1/2" x 4"	3/4" MNPT	50W	Included	*660042-R (D4-V+)

* NSF 55 Class B Certified Version. Disinfection Flow Rate 16 mJ/cm² @ 70% UVT Water.



Options				
Dynamic Flow Restrictor	Temperature Management Valve	Solenoid Valve	Sensor Reading Output	Part Number
-	-	-	-	VT1
-	-	-	-	S2Q-PA
Yes	-	-	-	S5Q-PA
Yes (Included)	-	-	-	SV5Q-PA
Yes	-	-	-	S8Q-PA
Yes (Included)	-	-	-	SV8Q-PA
Yes	Yes	-	-	650694-R (D4)
Yes (Included)	Yes	-	-	*660039-R (D4-V)
Yes	Yes	Yes (with 650717-001)	-	660089-R (D4 Premium)
Yes	Yes	Yes (with 650717-001)	Yes (with 270268-R)	650695-R (D4+)
Yes (Included)	Yes	Yes (with 650717-001)	Yes (with 270268-R)	*660042-R (D4-V+)

See Next Page For More Selections



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Ultraviolet Sterilizers Selection Chart Continued

Features	Voltage	Min Disinfection Flow Rate 40 mJ/cm ² @ 95% UVT Water	Chamber Dimensions	Connection Size Inlet / Outlet	Power Consumption	Flow Control to Add	Part Number
Professional Series							
High efficient, compact system designed for commercial use							
Models with LCD Controller: Large backlit display simultaneously displays lamp life remaining, UV intensity status, support contact information and lamp replacement reminder.							
Visual Power On	120 VAC	22 GPM	30 2/3" x 3 1/2"	1" MNPT	70W	FCGX-20NL	VP600
Visual Lamp Life Remaining Audible Lamp Failure Audible Lamp Repl. Reminder	120 VAC	35 GPM	45" x 3 1/2"	1 1/2" MNPT	95W	FCGH-35NL	VP950
LCD Controller Visual Power On	120 VAC	16 GPM	30" x 4"	1" MNPT	83W	FCGX-15NL	650682 (E4)
Visual Lamp Life Remaining Audible Lamp Failure Audible Lamp Repl. Reminder	120 VAC	27 GPM	44 1/4" x 4"	1" MNPT	130W	FCGX-25NL	650686 (F4)
Professional Plus Series							
Highly featured systems for use in large homes, public or commercial applications							
LCD Controller: Large backlit display simultaneously displays lamp life remaining, UV intensity status, support contact information and lamp replacement reminder.							
Models with UV Sensor: Continuous feedback of disinfection performance.							
LCD Controller Visual Power On	120 VAC	*15.8 GPM	30" x 4"	1" MNPT	83W	Included	*660040-R (E4-V)
Visual Lamp Life Remaining Audible Lamp Failure Audible Lamp Repl. Reminder	120 VAC	*26.1 GPM	44 1/4" x 4"	1" MNPT	130W	Included	*660041-R (F4-V)
LCD Controller UV Sensor Visual Power On	120 VAC	16 GPM	30" x 4"	1" MNPT	83W	FCGX-15NL	650683 (E4+)
Visual Lamp Life Remaining Audible Lamp Failure Audible Lamp Repl. Reminder	120 VAC	*15.8 GPM	30" x 4"	1" MNPT	83W	Included	*660043-R (E4-V+)
	120 VAC	27 GPM	44 1/4" x 4"	1" MNPT	130W	FCGX-25NL	650687 (F4+)
	120 VAC	*26.1 GPM	44 1/4" x 4"	1" MNPT	130W	Included	*660044-R (F4-V+)

* NSF 55 Class B Certified Version. Disinfection Flow Rate 16 mJ/cm² @ 70% UVT Water.



Options				
Dynamic Flow Restrictor	Temperature Management Valve	Solenoid Valve	Sensor Reading Output	Part Number
Yes	Yes	-	-	VP600
Yes	Yes	-	-	VP950
Yes	Yes	Yes (with 650717-002)	-	650682 (E4)
Yes	Yes	Yes (with 650717-002)	-	650686 (F4)
Yes (Included)	Yes	Yes (with 650717-002)	-	*660040-R (E4-V)
Yes (Included)	Yes	Yes (with 650717-002)	-	*660041-R (F4-V)
Yes	Yes	Yes (with 650717-002)	Yes (with 270268-R)	650683 (E4+)
Yes (Included)	Yes	Yes (with 650717-002)	Yes (with 270268-R)	*660043-R (E4-V+)
Yes	Yes	Yes (with 650717-002)	Yes (with 270268-R)	650687 (F4+)
Yes (Included)	Yes	Yes (with 650717-002)	Yes (with 270268-R)	*660044-R (F4-V+)

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Ultraviolet Sterilizer System With Integrated Pre-Filtration



- For whole home, point of entry water treatment
- Includes one 10" filter housing with high flow 5 micron sediment cartridge
- High UV output lamp technology allows for a smaller footprint while maintaining the same UV dose as a longer chamber
- For flow rates up to 12 gpm
- Mounted on a heavy duty, painted steel bracket for simple installation

Features	Voltage	Min Disinfection Flow Rate 40 mJ/cm ² @ 95% UVT Water	Chamber Dimensions	Connection Size Inlet / Outlet	Power Consumption	Part Number
Home Series Designed for use in residential applications						
LCD Controller Visual Power On Visual Lamp Life Remaining Audible Lamp Failure Audible Lamp Repl. Reminder 10" High Flow Sediment Filter	120 VAC	9 GPM	20.5" x 10" x 28"	3/4" FNPT/ 3/4" MNPT	50W	IHS10-D4
Replacement Sediment Cartridge #CMB-510-HF						



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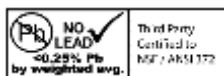


*Ultraviolet Sterilizers
Commercial and Industrial
Systems & Parts Available*



Ultraviolet Sterilizers

Flow Controllers (Dole)



- Used for UV Sterilizers, drip lines / tanks, and various other applications
- Self cleaning
- Delivers a constant volume of water flow output over a wide pressure drop range
- Flexible orifice varies effective area inversely to the applied pressure
- At pressure below threshold point, flexible insert acts as a fixed orifice. Above threshold point, insert begins to reduce orifice area, maintaining desired flow output
- Flow rates maintained to within $\pm 15\%$ up to pressure drops of 125psi
- Flow rate varies due to tolerances and water temperatures

Nickel Plated Brass Housing - To order add Flow Rate to Part No. eg. FCGA-.35NL

Part No.____	Connection	Hex Size	Length	Available Flow Rates
FCGA-__NL	3/8 x 3/8 FPT	7/8"	1 3/4"	.125, .1875, .25, .35, .5, .75, 1
FCGB-__NL	1/2 x 1/2 FPT	1"	2"	1, 1.5, 2, 2.5, 3, 3.5, 4, 5, 6
FCGC-__NL	3/4 x 3/4 FPT	1-1/4"	2-1/4"	1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5, 6, 7, 8, 9, 10, 11.5
FCGY-__NL	3/4 M x 3/4 F	1-1/4"	1-1/2"	1, 1.5, 2, 2.5, 3, 3.5, 4, 5, 6, 7, 8, 9, 10
FCGX-__NL	1 x 1 FPT	1-1/2"	2-3/4"	1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 12, 13.5, 15, 20, 25, 30

Zinc Plated Steel Housing - To order add Flow Rate to Part No. eg. FCGH-30NL

Part No.____	Connection	Hex Size	Length	Available Flow Rates
FCGP-__NL	1-1/4 x 1-1/4 MPT	1-5/8"	3"	2, 2.5, 3, 3.5, 4, 5, 7, 8, 9, 10, 12, 13.5, 15, 20, 25, 30
FCGT-__NL	1-1/2 x 1-1/2 MPT	1-13/16"	3"	1, 1.5, 2, 2.5, 3, 3.5, 4, 5, 6, 7, 8, 9, 10, 12, 13.5, 15, 20, 25, 30
FCGF-__NL	2 x 2 MPT	2-3/8"	3"	10, 11.5, 12, 13.5, 15, 20, 25, 30
FCGH-__NL	1-1/2 x 2-1/2 MPT	2-7/8"	4"	30, 35, 40, 50, 55, 60, 65, 70, 75, 80, 85, 90
FCGK-__NL	3 x 3 MPT	3-1/2"	4"	30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100, 105, 110, 115, 120

