

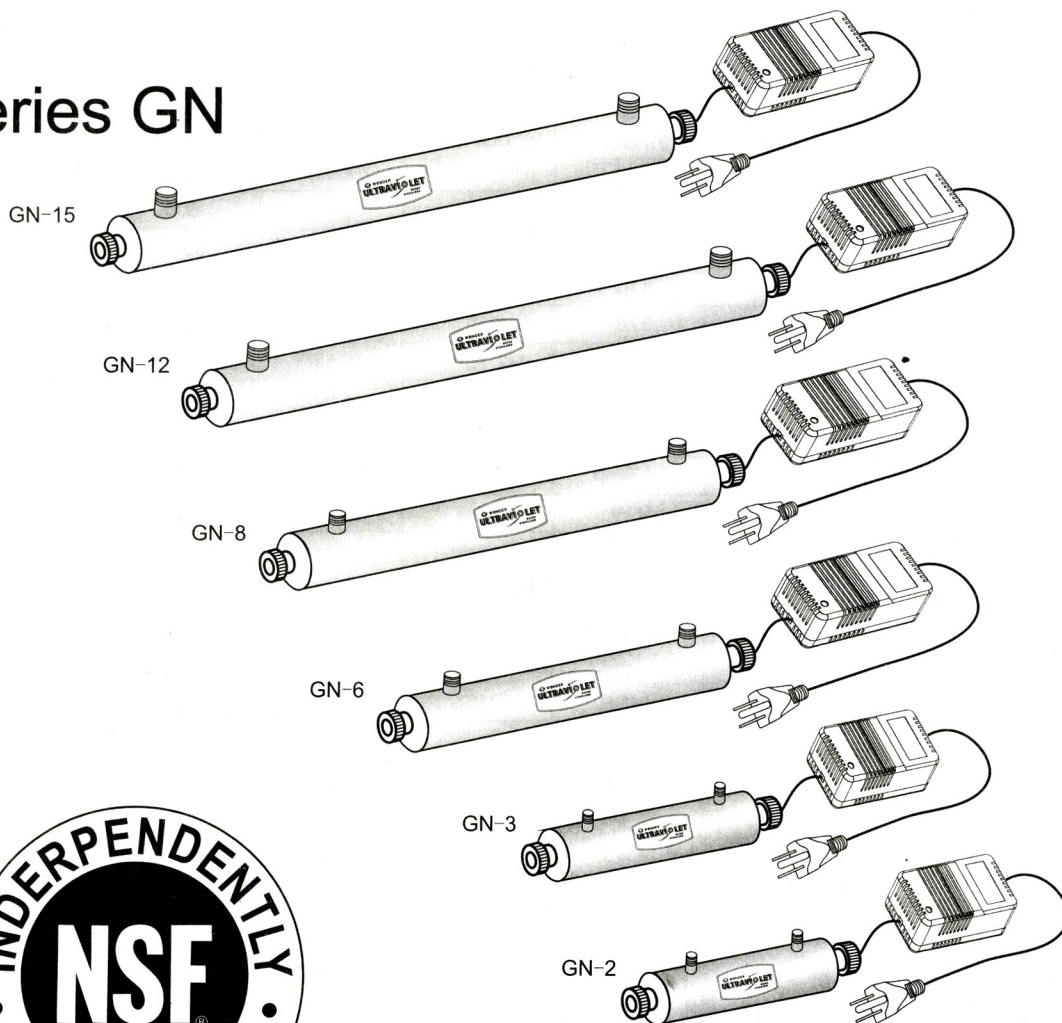


ULTRAVIOLET

WATER
STERILIZER

OPERATING INSTRUCTIONS

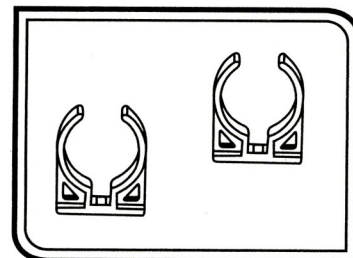
Series GN



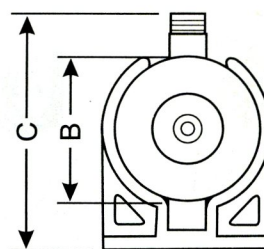
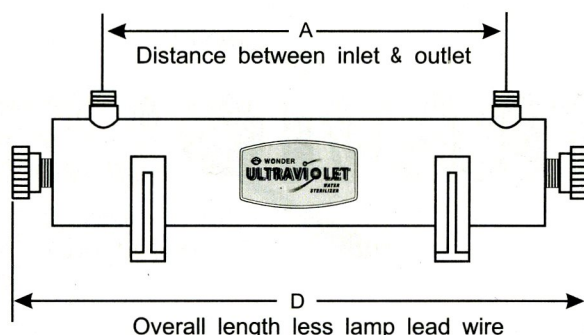
System tested and Certified by
NSF International against
NSF/ANSI Standard 55 for the
reduction of class B



Option : clips



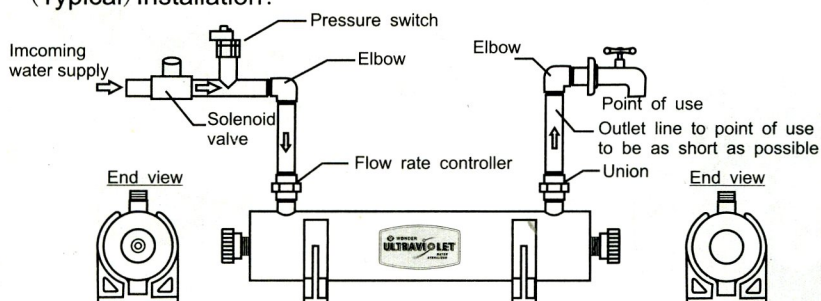
Please read these instructions completely before operating this unit and retain it for future reference.



Note: Line cord and lamp lead wire omitted for clarity.

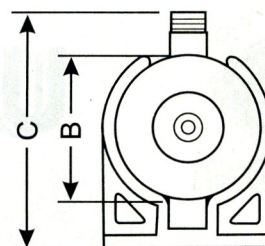
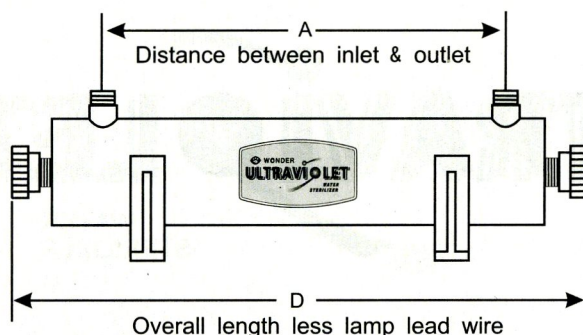
Model	GN-2	GN-3	GN-6	GN-8	GN-12	GN-15
NSF Suggested Flow Rate	2.5GPM (567LPH)	3.5GPM (794LPH)	5.5GPM (1247LPH)	7.8GPM (1769LPH)	12GPM (2722LPH)	12GPM (2722LPH)
Maximum Flow Rate	3GPM (680LPH)	3.7GPM (839LPH)	6GPM (1361LPH)	9.1GPM (2064LPH)	12.9GPM (2926LPH)	13GPM (2948LPH)
A	235	260	440	585	800	800
B	63.5	63.5	63.5	63.5	63.5	63.5
C	110	110	110	110	113	113
D	350	370	550	700	930	930
Inlet & outlet size	1/2" NPT	1/2" NPT	1/2" NPT	3/4" NPT	1" NPT	1" NPT
Volts	100-240V 50-60Hz	100-240V 50-60Hz	100-240V 50-60Hz	100-240V 50-60Hz	100-240V 50-60Hz	100-240V 50-60Hz
Max.current	0.4 Amp	0.4 Amp	0.4 Amp	0.4 Amp	0.5 Amp	0.9 Amp
Lamp Power	14W	15W	21W	29W	40W	65W
Operating pressure	10-100Psi (69-689Kpa)	10-100Psi (69-689Kpa)	10-100Psi (69-689Kpa)	10-100Psi (69-689Kpa)	10-100Psi (69-689Kpa)	10-100Psi (69-689Kpa)
Ambient Temperature	2°C-40°C (32-122)°F	2°C-40°C (32-122)°F	2°C-40°C (32-122)°F	2°C-40°C (32-122)°F	2°C-40°C (32-122)°F	2°C-40°C (32-122)°F
Chamber Material	304SS	304SS	304SS	304SS	304SS	304SS

(Typical) Installation:



NOTES:

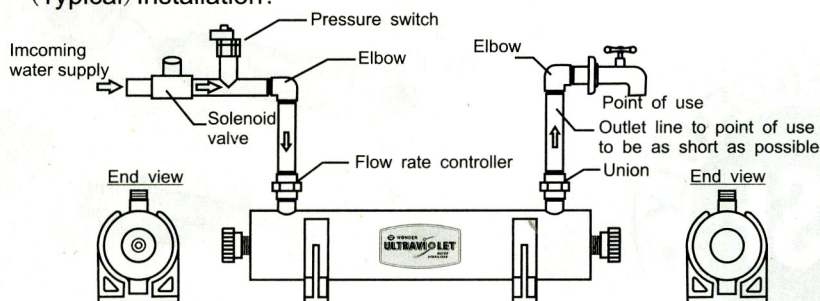
1. Do not allow water sterilizer equipment to freeze.
2. The system and installation shall comply with applicable state and local regulations.
3. This Class B system or component conforms to NSF/ANSI 55 for the supplemental bactericidal treatment disinfected public drinking water or other drinking water that has been tested and deemed acceptable for human consumption by the state or local health agency having jurisdiction. The system is only designed to reduce normally occurring non-pathogenic nuisance microorganisms. Class B systems are not intended for treatment of contaminated water.
4. While testing was performed under standard laboratory conditions, actual performance may vary.



Note: Line cord and lamp lead wire omitted for clarity.

Model	GN-2	GN-3	GN-6	GN-8	GN-12	GN-15
NSF Suggested Flow Rate	2.5GPM (567LPH)	3.5GPM (794LPH)	5.5GPM (1247LPH)	7.8GPM (1769LPH)	12GPM (2722LPH)	12GPM (2722LPH)
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Ambient Temperature	2°C-40°C (32-122)°F	2°C-40°C (32-122)°F	2°C-40°C (32-122)°F	2°C-40°C (32-122)°F	2°C-40°C (32-122)°F	2°C-40°C (32-122)°F
Chamber Material	304SS	304SS	304SS	304SS	304SS	304SS

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4. While testing was performed under standard laboratory conditions, actual performance may vary.

Replacing UV lamp and servicing UV system:

Note: Avoid touching the sides of the quartz sleeve and lamp, handle by the ends only.

1. Disconnect power.
2. Turn water off and open down stream of system to relieve pressure.
3. Remove dust cap(1) and unscrew the aluminum nuts(2).
4. Carefully withdraw lamp(4) approximately 2 inches from chamber(7).
5. While holding lamp end carefully remove lamp socket(3) on end now exposed.
6. Carefully withdraw lamp from chamber.
7. Carefully remove O-rings(5) from the ends of the quartz sleeve(6).
8. Carefully remove the quartz sleeve.
9. To reinstall follow step 8 through 1 in reverse.



Maintenance suggestion:

To operate the sterilizer properly and attain its maximum efficiency that the users need to do some maintenance job as below.

1. Quartz sleeve cleaning or replacement:
 - a) Quartz sleeve is to be cleaned every 6-12 months with glass cleaner.
 - b) Quartz sleeve is to be replaced every 24 months.
2. UV lamp replacement is recommended every 8000-9000 hours of operation (approx. 12 months of continuous service).
3. For purchasing replaceable components, please contact our local agents or our head office.

Performance data sheet:

1. Model number and flow rate: GN-2 (2.5 GPM) ; GN-3 (3.5 GPM) ; GN-6 (5.5 GPM) ; GN-8 (7.8 GPM) ; GN-12 (12 GPM) ; GN-15 (12 GPM)
2. Lamp life: 8000-9000 hours of operation approximate 12 months of continuous service
3. Maximum working pressure: 100 PSI
4. Maximum operating temperature in degrees C (Degrees F): 40°C (104°F)
5. General installation conditions and needs: Avoid touching the sides of the quartz sleeve and lamp, handle by the ends only. Ultraviolet lamp and quartz sleeve are easily damaged.
6. General operation and maintenance: Quartz sleeve is to be cleaned every 6-12 months and to be replaced every 24 months. UV lamp is to be replaced every year.

2 YEARS OF GUARANTEE

We guarantee that this equipment will be free from defects in material and workmanship for a period of two years from the date of shipment. Within the guarantee period we shall repair or replace such products which are returned to us and which are determined by us to be defective. This guarantee will not apply to any product which has been misused negligently, or destructured accidentally, or modified, and repaired by unauthorized persons.

Buyer shall examine the product promptly after receipt and shall notify us at our agent in writing of claims, such as claims of breach of warranty within one week after the buyer discovers. Any submission of written notice of a claim behind one week will be treated as a waiver of the claim.

One year guarantee for UV lamp , one year guarantee only for its efficient radiation dosage of UV lamp.

Please type or print in ink

(1) Customer: _____
Address: _____
Country: _____
Post code: _____
Tel: _____
(2) Procurement from: _____
Country: _____
Tel: _____

Date of purchase: _____
Contact person: _____
Serial No. : _____
Model: _____
Fax: _____
Address: _____
Post code: _____
Fax: _____

IMPORTANT: Please fill out and return this from in order to activate guarantee within two weeks after receipt of the goods.

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