

SPECIFICATION

The Ultraviolet Sanitizer Unit shall be a Delta Ultraviolet E Series Model E- _____, rated at _____ Volts, 50/60 Hz. The unit shall be equipped with a 14.5 foot long power cord. The wet chamber shall be a 8 inch UV inhibited PVC housing with four mounting feet and PVC electrical enclosure bonnet suitable for outdoor installation. PVC Inlet/Outlet unions shall be 2 inch socket size. The UV unit shall include a pressure switch to prevent operation when water is not flowing, a pressure gauge and a clear viewing tail piece to verify bulb ON condition. The UV lamp shall be designed rated at 13,000 hours of continuous use and shall be fully replaceable without requiring special tools. The UV lamp END-OF-Life (EOL) rating shall be no less than 30,000 μ watts/sec/cm2 (Class A drinking water requirement) and shall bear the manufacturer's EPA Registration number on the unit, cartons and printed literature. The UV unit housing shall be warranted two [2] years (All other parts – one [1] year) and shall be accompanied by a printed factory limited warranty, installation instructions and owners manual.



Model	Part Number	Voltage	I/O Size
E-5	35-08150	120V/50/60Hz	2 inch
E-5	35-08160	120V/50/60Hz	63mm
E-5	35-08170	240V/50/60Hz	2 inch
E-5	35-08171	240V/50/60Hz	63mm
E-10	35-08152	120V/50/60Hz	2 inch
E-10	35-08162	120V/50/60Hz	63mm
E-10	35-08172	240V/50/60Hz	2 inch
E-10	35-08173	240V/50/60Hz	63mm

Model	Part Number	Voltage	I/O Size
E-20	35-08154	120V/50/60Hz	2 inch
E-20	35-08164	120V/50/60Hz	63mm
E-20	35-08174	240V/50/60Hz	2 inch
E-20	35-08175	240V/50/60Hz	63mm
E-40	35-08156	120V/50/60Hz	2 inch
E-40	35-08166	120V/50/60Hz	63mm
E-40	35-08176	240V/50/60Hz	2 inch
E-40	35-08177	240V/50/60Hz	63mm

Model	Cord Length	Bulb Output(EOL)	Bulb Watts
E-5	14.5'	30,000 μ W/sec/cm2	30
E-10	14.5'	30,000 μ W/sec/cm2	45

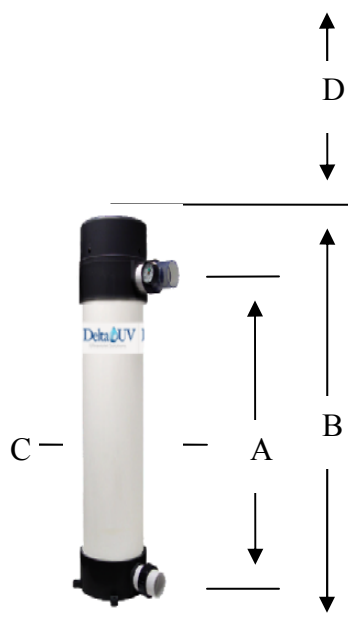
Model	Cord Length	Bulb Output(EOL)	Bulb Watts
E-20	14.5'	30,000 μ W/sec/cm2	90
E-40	14.5'	30,000 μ W/sec/cm2	110

Pools

Ponds

Delta UV EP Model	Maximum Flow Rate (GPM)	Minimum UV Microwatts sec/cm2	Max Volume 12 hr. Turnover (Gallons)	Max Volume 8 hr. Turnover (Gallons)	Max Volume 4 hr. Turnover (Gallons)	Max Volume 3 hr. Turnover (Gallons)	Max Volume 2 hr. Turnover (Gallons)
E-5	31	30390	22320	14880	7440	5580	3720
E-10	57	30390	41040	27360	13680	10260	6840
E-20	80	30180	57600	38400	19200	14400	9600
E-40	110	30310	79200	52800	26400	19800	13200

Physical Dimension



Model	Dim. A	Dim.B	Dim. C	Dim. D	Empty Wt.	Operating Wt.	Shipping Wt.	Carton Size
E-5	9.25 in.	17.75 in.	8 in.	7 in.	16 lbs	40 lbs	21 lbs	19-3/4"x13.5"x14.5"
E-10	16.25 in.	24.75in.	8 in.	18 in.	20 lbs	56 lbs	26 lbs	26-3/4:x13.5"x14.5"
E-20	30.38 in.	38.88 in.	8 in.	32 in.	27 lbs	88 lbs	35 lbs	40-3/8"x13.5"x14.5"
E-40	37.5 in.	46 in.	8 in.	39 in.	30 lbs	105 lbs	38 lbs	48"x13.5"x14.5"

Item	Description	Qty	Part #
4	Pressure Switch	1	70-02315
5	Quartz Tube nut	1	86-02411
6	Quartz Tube Compression Gasket	1	44-02018
7	Pressure Gauge	1	84-82234
8	Bulb O-ring	2	44-02221
9	Bulb Cushion	1	44-02019
10	Union Tail Piece 2" Clear	1	86-02402
11	Union Tail Piece 2" White	1	86-02352
12	Flat O-ring 2" White	2	44-02335
13	Bonnet	1	86-02054

MODEL	POWER	QUARTZ TUBE	BALLAST	LAMP
		ITEM# 2	ITEM# 3	ITEM# 1
E-5	35W	58-50305	70-10192	70-18405
E-10	45W	58-50310	70-10192	70-18410
E-20	90W	58-50320	70-10193	70-18420
E-40	110W	58-50340	70-10193	70-18440

