


UVC TECHNICAL DATA SHEET (aka "CUT SHEET")



MODEL PUV80G

PURITY UVC is the best provider of UV sanitation in the swimming pool market. In terms of the number of pathogens destroyed, our systems perform more than 200 times better than our nearest competitor and more than 400 times better than the second leading national brand! Our UV performance exceeds the national drinking standard, as certified by NSF TWICE as efficiently as required. Our UV systems are more reliable and less expensive to maintain because we build to a higher medical standard. Our lamps are better (16,000 hours of lamp life compared to the typical 12,000 hours). We use Stainless Steel reactors instead of plastic, which reflect and magnify the UV radiation back into the water to deliver maximum UV dosage. Chlorine takes up to 10 days to kill harmful pathogens and has negative side effects such as red eyes, green hair, stinging eyes; including serious asthma aggravation. UV eliminates the chlorine side effects and has superior sanitizing and disinfection. UV has no side effects and kills cryptosporidium instantly; no byproducts.

REACTOR		REACTOR	
DESCRIPTION		DESCRIPTION	
Dimensions	36" Length x 4.25" Diameter; 12" Overall Height	Material	300 Series Stainless Steel (Medical Grade)
Weight	17 lbs.; 7.711 kg	Validated Water Flow	80 GPM Maximum
Mounting	Wall, Rack, or Pad	Validated UVC Dosage	40+ mJ/cm ²
Orientation	Horizontal or Vertical	Pool Size	80,000 Gallons
Water Connect's	2-1/2" PVC Socket	Water Connections	2-1/2" PVC Socket
Lamp Type	253.7 Low Pressure; High Output	Lamp Type	253.7mm Low Pressure- High Output
Lamp Life Hours	16,000 Hours	Number of UVC Lamps	Two (2)
Quartz Sleeve	Integrated with Lamp, Cell Configuration	Recognized Performance Standard	ANSI/NSF 50 A (Drinking Water Std)
Max Operating Pressure	8 BAR (116 PSI)	Operating Temperature	0°C (32°F) Minimum; 70°C (158°F) Maximum
POWER BOX		CERTIFICATIONS	
Dimensions	9" W x 11" H x 2.5" D		PURITY TEK LLC
Weight	9 lbs.; 4.08233 kg		Att: Steve Hansen, MGR
Power	120-277 VAC; 50/60 Hz		Technical Support
Enclosure	Aluminum, NEMA 4X		T: (512) 255-2271
Mounting & Orientation	Wall, Rack or Pad; Vertical or Horizontal		Customer Support:
Output	10' Lamp Wires; 2 Each		Ace Sorensen, MGR T: (801) 687-1521