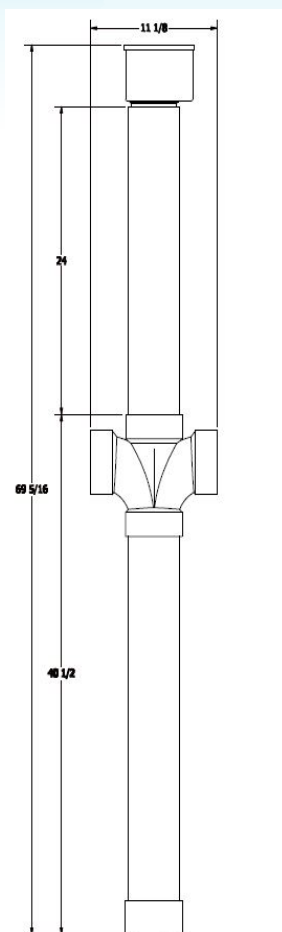


ILLUMI-JET UV DISINFECTION UNIT®



Designed to disinfect the effluent from advanced onsite treatment systems, the model ILLUMI-JET® is capable of reducing fecal coliform bacteria levels to well below the most stringent U.S. treatment standards. The Illumi-Jet utilizes a germicidal lamp which emits 95% of the ultraviolet energy at the wavelength of 254 nanometers. This wavelength is in the region of maximum germicidal effectiveness and is highly lethal to virus, bacteria, protozoa and mold. The disinfection chamber couples directly to any system's 4" discharge pipe and is permanently installed below grade. When fully inserted, the lamp housing is properly positioned by an integrated keyway near the top of the disinfection chamber. This creates a well defined flow path ensuring system effluent has the proper ultraviolet exposure time. Under standard operating conditions, fecal coliform reduction exceeds 99.9%.

Parameter	Specification
UV Lamp	GPH793T5
UV Dose at 10 GPM	64,000 µW at 0-4cm
Lamp Wattage	37
Ballast Type	WH3-120-C
Voltage	120 VAC
Frequency	50/60 HZ
Current	0.4 A
Power	40 W
Alarm Contacts	NC/NO
Indicator Light	Green LED
Enclosure Type	NEMA 6P
Unit Height	53" - 70"
Connections	4"
Material	ABS
Reservoir Capacity	~2 Gallon
Max. Flow Rate	10 GPM
Min. Influent Quality	30 TSS / 30 BOD



DANGER:
Ultraviolet Radiation
Disconnect Power
Before Replacing Lamp



WARNING:
Electric Shock Risk
Disconnect Power
Before Servicing

FOR OUTDOOR USE ONLY!

Electrical Ratings
Voltage: 120 VAC
Frequency: 50/60 Hz
Current: 0.4 Amp
Power: 40 Watts

Manufacturing Data
Model Number: 952
UV Lamp Model: 9521001
Maximum Lamp Wattage: 37 Watts



Patent Pending

