



# EXTRA-BUILT (M) SDN BHD

*Innovative & Intelligent Efforts*



## EB01-05 UVC FLOOD INDOOR DISINFECTION & SANITIZATION UNIT

The Extra-Built UVC /TUV light Recessed Tube T8 lamps are double-ended UVC (germicidal) lamps used in professional air disinfection units. TUV T8 lamps offer almost constant UV output over their complete lifetime, for maximum security of disinfection and high system efficacy. Moreover, they have a long and reliable lifetime, which allows maintenance to be planned for in advance.

### **BENEFITS.**

- Improvement of indoor air quality by reducing of airborne pathogens
- Odor reduction (when due to bio-contamination)
- Allergy relief
- Effective air disinfection

### **UV can substantially reduce the spread of airborne illness**

Indoor air that is continuously re-circulated through 254nm UV light will show a dramatic reduction in the count of bacteria and other microorganisms. EB06 equipment for commercial HVAC systems, is designed specifically for airstream disinfection, with design emphasis placed on achieving a balance between intensity and exposure time. Their design reflects EB06 in-depth knowledge of ultraviolet light—and how it is optimized for airstream applications. Improves Indoor Air Quality (IAQ) by reducing bacteria, viruses and mold that either grow or pass through the air handling systems

Reduces the risk of cold, flu, allergies and other illnesses associated with air handling systems

"Green" lamps contain  $\leq 8\text{mg}$  of mercury

Two-year guarantee on lamps with only 20% decrease in output over two years

Five-year, non-prorated warranty on the ballast

Continuously cleans coils, drain pans, plenums and ducts, eliminating costly cleaning programs and the use of harmful chemicals and disinfectants

Reduces HVAC energy costs by restoring heat transfer and net cooling capacity

Produces no ozone or other secondary contaminants

Plug-in connections mean no field wiring required to connect fixture to fixture when building banks of rack systems (except for 277 Volt applications)

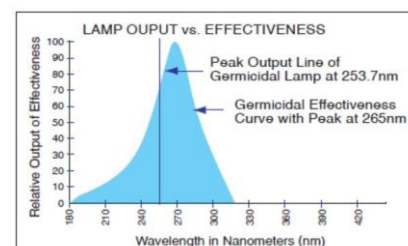
### **Enquiry:**

Email: [sales@extrabuilt.com](mailto:sales@extrabuilt.com) (03-5525 2907)



### **APPLICATION:**

- OFFICE:** Cold room, Lobby, Hall
- HOUSE:** Living Hall, Kitchen
- WORKSHOP:** Car Service Area, Car wash Area
- FACTORIES:** Production Area, Storage, Disposal area
- EDUCATION CENTER:** Hall, Classroom, Cafeteria
- HOSPITALS**



# EB01-05 UVC FLOOD INDOOR DISINFECTION & SANITIZATION UNIT

## Lighting Specification for one TUV tube

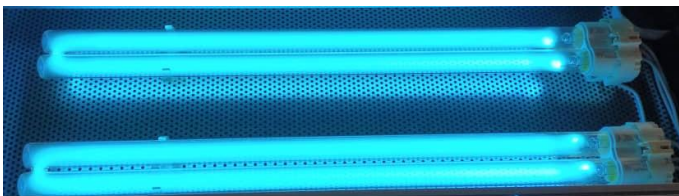
TUV Lamp Product	Lamp Holder	Lamp Current	Voltage	Power	Mercury (Hg) Content	Useful Life (nom)	UV-C radiation
TUV 15W (PLL)	G5	0.34A	54V	15.9W	2.0mg	9000 h	4.9 W
TUV 25W (PLL)	G5	0.60A	48V	25.5W	2.0mg	9000 h	7.0 W
TUV 36W (PLL)	G5	0,44A	103V	36.0W	2.0mg	9000 h	15.0 W

## TUV tube Specification Size

TUV Lamp Product	Lamp Holder	D (max)	B (max)	B (min)	C (max)	A (max)
TUV 15W (PLL)	G5	28 mm	444.5 mm	442.1 mm	451.6 mm	437.4 mm
TUV 25W (PLL)	G5	28 mm	444.5 mm	442.1 mm	451.6 mm	437.4 mm
TUV 36W (PLL)	G5	28 mm	1206.5 mm	1204.1 mm	1213.6 mm	1199.4 mm

## Other Specification

Housing & Casing	Heavy gauge sheet steel / Aluminium Extrusion
Short-Wave UV radiation	253.7 nm
Ingress Protection	IP20
Input Power Rating	240V @ 50-60Hz
Power Factor	>0.95
Operating Temperature	-25 Celsius to +40 Celsius



## Ordering Code & Installation Guide

Ordering Code	EXTRA-BUILT UVC-TX - TUVXX <div style="display: flex; justify-content: center; gap: 20px; margin-top: 5px;"> <div style="text-align: center;">               Size         </div> <div style="text-align: center;">               Wattage         </div> </div>
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