



IAQA Infection Control Unit UVC Disinfection (Ceiling Mounted)



IAQA Air Purifier Model: ICU 100

Designation of product:	IAQA Infection Control Unit
Model:	ICU 100
Physical dimension:	Customized as per client's requirement (the physical dimension shall be determined as per actual installation condition)
Input voltage	AC220V \pm 15% (187V~253V) ; 50Hz \pm 10% (45 Hz~55 Hz)
Operating power:	200 W
Working voltage of ionizer:	DC8200V, \pm 1.5%
Working voltage of dust collector:	DC4100V, \pm 1.5%
Temp range of working environment:	0~45 $^{\circ}$ C
Humidity of working environment:	<90% RH (40 $^{\circ}$ C)
Synchronous control voltage:	AC25V~AC300V
Audible noise:	<25dB
Purification efficiency:	96.2% (test condition) 85.3% (actual measured condition)
Sterilization efficiency:	99.90%
Dust removal efficiency:	95%
Product description:	<ol style="list-style-type: none"> 1、Installation location: ceiling mounted 2、Product size: 2600*420*320 mm Weight: 45 kg 3、UVC: 80 watts X 4 pieces working @ 60,000 microwatts intensity each 4、Air-blow volume: 500 m³/hour Coverage Area: 1,200 ft² 5、Features: <ol style="list-style-type: none"> A. Multi-purification and sterilization system B. High efficiency aluminum filter size 38.5 cm x 40 cm filtrating E6 + 4R6AL filtrating efficiency L5 ASHRAE 52.2-1999. Rated MERV 16 and coated with SM Nano 1152 TiO₂ solution C. 254 Nm UVC (4 pieces 80watts working at 253.7 nanometers) D. LED display E. Remote control F. Bi-polar electrostatic precipitation and negative ion generation @ 9 million ions per cm³ 6、Application: <p>Hospital, hotel, office building, schools, shopping mall, supermarket, etc.</p>



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