

UV ANGEL AIR WITH & WITHOUT DOWNLIGHT

Unobtrusive, Effective Pathogen Control Technology

Features

- Patented UV Angel Air is engineered with the latest in advanced UV-C purification technology
- Sealed UV air treatment chamber is safely hidden in ceiling plenum allows for use in occupied spaces
- Air treatment is integrated into a 2x4 in-ceiling LED lighting panel
- Designed with today's critical architectural and clinical considerations in mind
- Engineered to operate without interruption 24/7/365
- Works automatically and continuously

Benefits

- Air is circulated through the UV-C chamber where it is treated with the enclosed high-intensity UV-C light to inactivate bacteria, fungus and viruses
- Treated air is then returned to the room, creating a safer environment
- Proven effective - UV Angel Air results showed laboratory elimination rates up to 99.99%
- The in-ceiling design maintains valuable floor space
- Doesn't interfere with workflow requirements



With LED downlight



Without downlight

UV ANGEL AIR WITH DOWNLIGHT

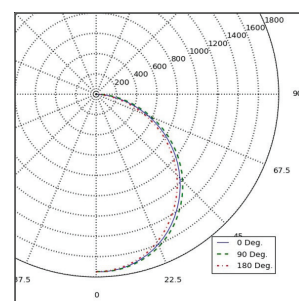
Specifications

MECHANICAL	
Housing/Lens	Sheet aluminum, non-yellowing acrylic
Dimensions	23.8" x 47.75" x 3.94"
Weight	26 lbs.
Finish	Pre-finished white is standard, black exterior is available upon request
Mounting	Standard recess into T-grid acoustical ceiling. Hard ceiling flush mount kit, Surface mount, and Suspension cable kits are all sold separately - see accessories

ELECTRICAL	
Power Consumption	115 watts for UV system 50 watts for LED Downlight
Input Voltage	120-277 VAC, 347 VAC available upon request
Frequency	50/60HZ
Input AC Current (Max.)	1.0A at 120V for UV; 0.45A for light 0.44A at 277V for UV; 0.20A for light
Control	0-10V dimming protocol
Dimming Range	5% to 100% via 0-10V dimming
UV Generator	120-277V ballast, dedicated 95 watt ballast

AIR TREATMENT SYSTEM	
Filtration	MERV 6 rigid polyester filter
Air Flow Rate	50 CFM
UV Power	UV-C, 27 watt lamp, 90 watt dosage at 254 nanometers >300J/m2
UV Lifespan	>9000 hours
Sound	35-42 db (A)
Lighting Efficacy	116 Lm/w

ILLUMINATION	
Correlated Color Temperature (CCT)	4000K (standard), 3000K, 3500K, 5000K upon request
Lumen Output	5400 lumens @ 4000K
Color Rendering Index (CRI)	82 CRI (standard), >90 CRI upon request
Light Distribution	Lambertian, see Polar Curve
Lifetime to L80	>83,000 hours



Light efficacy >116 Lm/w

UV ANGEL AIR WITHOUT DOWNLIGHT

Specifications



MECHANICAL	
Housing/Lens	Sheet aluminum
Dimensions	23.8" x 47.75" x 3.94"
Weight	23.5 lbs.
Finish	Pre-finished white is standard, black exterior is available upon request
Mounting	Standard recess into T-grid acoustical ceiling. Hard ceiling flush mount kit, Surface mount, and Suspension cable kits are all sold separately - see accessories

ELECTRICAL	
Power Consumption	115 watts for UV system
Input Voltage	120-277 VAC, 347 VAC available upon request
Frequency	50/60HZ
Input AC Current (Max.)	1.0A at 120V for UV 0.44A at 277V for UV
UV Generator	120-277V ballast, dedicated 95 watt ballast

AIR TREATMENT SYSTEM	
Filtration	MERV 6 rigid polyester filter
Air Flow Rate	50 CFM
UV Power	UV-C, 27 watt lamp, 90 watt dosage at 254 nanometers >300J/m2
UV Lifespan	>9000 hours
Sound	35-42 db (A)

ILLUMINATION	
N/A	



UV ANGEL AIR

Ordering Information

ORDERING INFORMATION		
Model	CCT	Voltage
100-1185 Air Unit with LED	3000 3500 4000 5000	120-277 VAC 347 VAC
100-1186 Air Unit without Light	n/a	120-277 VAC 347 VAC

ACCESSORIES PART NUMBER	PRODUCT DESCRIPTION
100-1210	UV Angel Air - Recessed Hard Ceiling Kit
100-1179	UV Angel Air - Surface Mount Kit
100-12XX	UV Angel Air - Suspension Cable Kit (must order 100-1179 with cable kit)
100-1187	UV Angel Air - Replacement Kit - Filter and Lamp

