Fellowes Array AR1 UVC

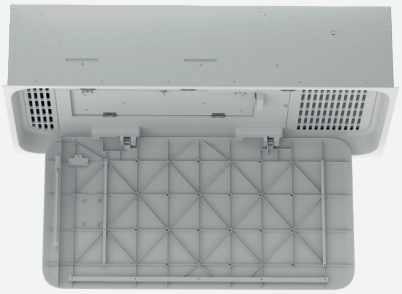
Technical Specifications	
Max Air Flow (CFM)	120
Fan Speed (CFM)	120
Sound Pressure Levels (dB per ISO 3746)	43
Power Requirements	AC120V/60Hz/0.9A
Power Consumption (watts)	77
IoT Connectivity	LTE
Modes	Manual - 1 Speed
Bulb Change Indicator	Yes
Air Intake	Bottom
Air Outlet	Bottom
Warranty	3-Year Limited

Certifications
CARB
UL 507

Virus Testing
H1N1
Rhinovirus

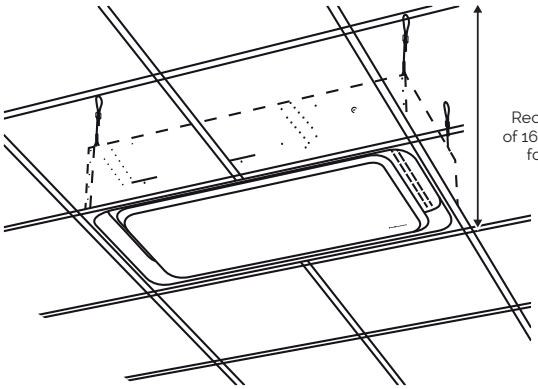
Code	Dimensions (L x W x H)	Weight (lbs.)	Color
	47.2 x 23.3 x 11	62.6	White

Area Coverage (SQFT)			
eACH	Ceiling Height (ft)		
	8	10	12
1	900	720	600
3	300	240	200
5	180	144	120

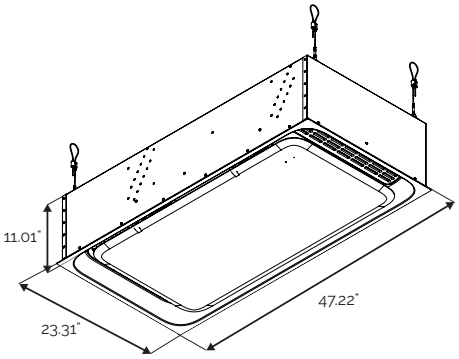


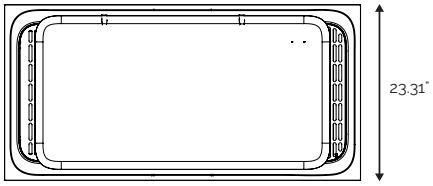
AR1 UVC	
Bulb Type	UVC Bulb
Efficiency	Up to 98.1% Single Pass Kill Rate*
UVC Wavelength	254 nm
Estimated Bulb Life	12 months
Pack Size	Bundle- Includes Pre-Filter & UVC Bulb

*Based on 98.1% Single Pass Reduction in Staphylococcus epidermidis bacteria.
The term "Kill" is used to represent the inactivation of pathogens from the UV-C light.



Recommended clearance of 16" above the drop ceiling for ease of installation





AR1 UVC	
Mounting Type	• Grid-Ceiling recessed • 4 Cable attachments included • 120lb maximum capacity each
Electrical Requirements	• AC120V/60Hz/0.9A • Constant Power Supply • Hardwired within internal junction box of unit
Hardware Provided	• 4x 16' Aircraft cables, 2.5mm (3/32") thick with spring loaded hook • 4x cable clutchers for 2.5mm (3/32") thick cable • 4x spring loaded hooks attaches to unit, cable goes up and through your building attachment • 4x centering blocks
Anchor Materials By Others	• For open joist, nothing required. Loop through joist • For concrete deck, we suggest expansion eyebolts to support 120lb/each • Unistrut option to loop cables where eyebolts aren't optimal
Clearance	• Recommended clearance of 16" above the drop ceiling for ease of installation • Required minimum clearance is the height of the AR1 UVC (11.01") plus mounting hardware

Fellowes Array BMS Integration Components

BACnet/IP
Used in nearly 65% of all projects globally and over 80% in the US, BACnet/IP supports integrating real-time air quality data into existing BMS/BAS to reduce energy costs and maximize building efficiency.

Ethernet
Transmit data using ethernet cable and receive firmware updates.

IEEE 802.3
Data rate: CAT 5e or greater

Array® Relay
BACnet/IP enabled gateway transmits data from Fellowes Viewpoint Plus to your BMS/BAS.

*Pending final test results
BACnet® is a trademark of ASHRAE
For more information on Array, visit new.fellowes.com/array
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