

# 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

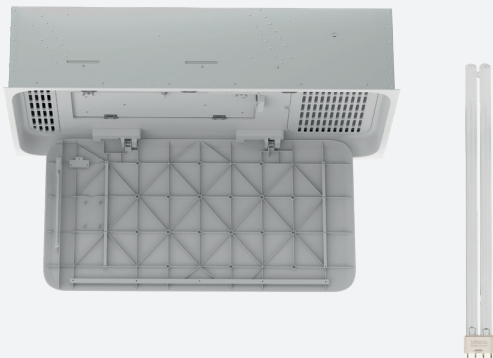
Rhinovirus



Code	Dimensions (L x W x H)	Weight (lbs.)	Color
5889501	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

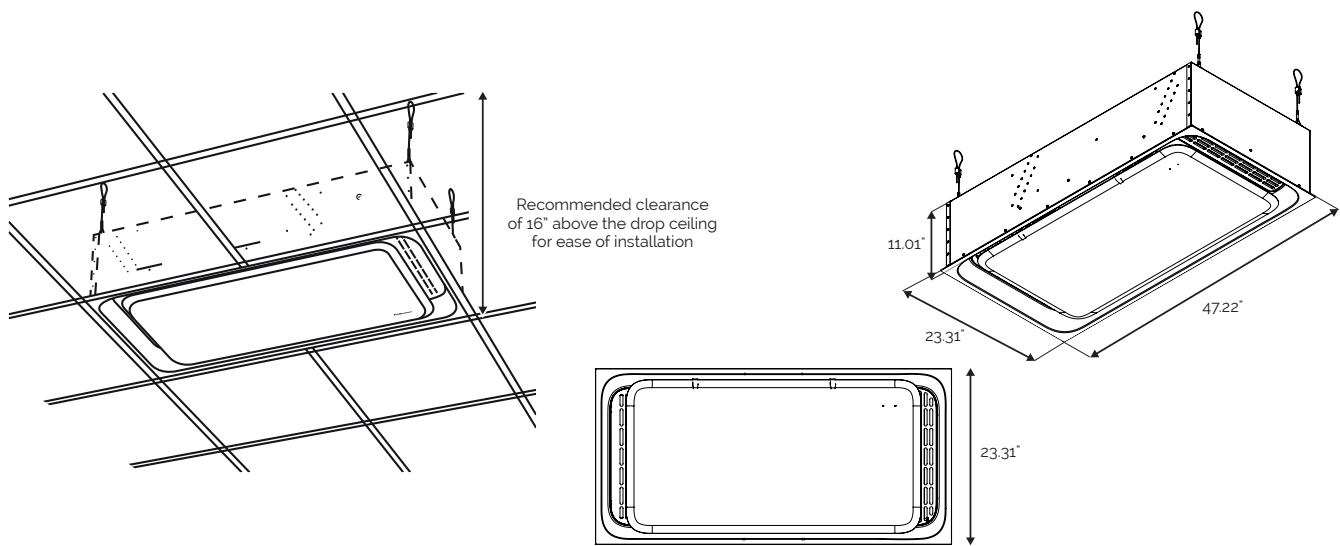


Fellowes Code: 100016527

## 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.



### AR1 UVC

Mounting Type	<ul style="list-style-type: none"> <li>• Grid-Ceiling recessed</li> <li>• 4 Cable attachments included</li> <li>• 120lb maximum capacity each</li> </ul>
Electrical Requirements	<ul style="list-style-type: none"> <li>• AC120V/60Hz/0.9A</li> <li>• Constant Power Supply</li> <li>• Hardwired within internal junction box of unit</li> </ul>
Hardware Provided	<ul style="list-style-type: none"> <li>• 4x 16' Aircraft cables, 2.5mm (3/32") thick with spring loaded hook</li> <li>• 4x cable clutches for 2.5mm (3/32") thick cable</li> <li>• 4x spring loaded hooks attaches to unit, cable goes up and through your building attachment</li> <li>• 4x centering blocks</li> </ul>
Anchor Materials By Others	<ul style="list-style-type: none"> <li>• For open joist, nothing required. Loop through joist</li> <li>• For concrete deck, we suggest expansion eyebolts to support 120lb/each</li> <li>• Unistrut option to loop cables where eyebolts aren't optimal</li> </ul>
Clearance	<ul style="list-style-type: none"> <li>• Recommended clearance of 16" above the drop ceiling for ease of installation</li> <li>• Required minimum clearance is the height of the AR1 UVC (11.01") plus mounting hardware</li> </ul>

### 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.



Fellowes Code: 100136553

\*Pending final test results

BACnet® is a trademark of ASHRAE

For more information on Array, visit [new.fellowes.com/array](http://new.fellowes.com/array)

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