

Fellowes Array™ Recess AR1

Technical Specifications

Max Air Flow (CFM)	300
Fan Speeds (CFM)	60, 80, 134, 201, 300
Sound Pressure Levels (dB per ISO 3746)	24, 26, 33, 44, 50
Power Requirements	AC120V/60Hz/0.8A
Power Consumption (watts)	7, 8, 13, 24, 62
IoT Connectivity	LTE
Modes	Auto, Quiet, Manual
Filter Change Indicator	Yes
Air Intake	Bottom
Air Outlet	Bottom
Warranty	5-Year Limited



Code	Dimensions (L x W x H)	Weight (lbs.)	Color
5888601	23.4 x 23.4 x 12.4	40.3	White

RESET Air Class B IAQ Sensors

Accuracy

PM2.5 PM10	$\leq 100\mu\text{g}/\text{m}^3: \pm 15\mu\text{g}/\text{m}^3$ $> 100\mu\text{g}/\text{m}^3: \pm 15\%$
CO2	$\pm (30\text{ppm}+3\%)$
VOC/TVOC	$\pm 30\text{ppm}$
Temperature	0.2C
RH	1.80%

Area Coverage (SQFT)

eACH	Ceiling Height (ft)		
	8	10	12
1	2,250	1,800	1,500
3	750	600	500
5	450	360	300

Virus Testing

H1N1
Rhinovirus
SARS-CoV-2*

Monitoring and Comfort Sensors

Pressure
Light
Occupancy
Sound

Certifications

CARB*
FCC
UL 507
EN1822M

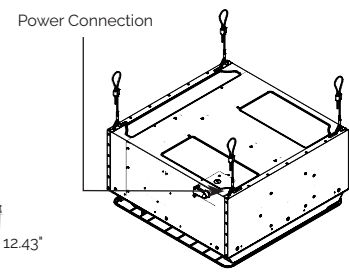
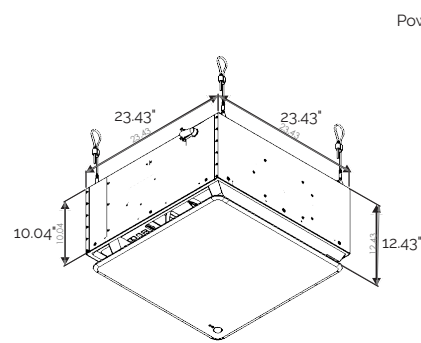
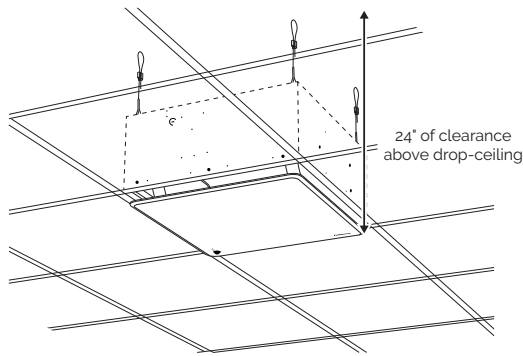


Fellowes Code: 5890101

AR1 Filter

Filter Type	3-in-1 360° (Pre-Filter, Carbon, H13 True HEPA)
Filter Rating	H13 True HEPA
Filter Efficiency	99.95% @ 0.1 microns
Antimicrobial Coating	Yes
Estimated Filter Life	12 months
Pack Size	1PK

* Subject to final compliance certificate



Array Recess AR1	
Mounting Type	• Grid-Ceiling recessed • 4 Cable Attachments included • 120lb maximum capacity each
Electrical Requirements	• 120v, 60 hz, 0.8A • 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 clutches 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 minimum 24" of clearance above the drop ceiling • Recommended minimum 8'2" of clearance below the unit