



**Fellowes** Array<sup>®</sup>  
INTELLIGENT AIR QUALITY

Fellowes<sup>®</sup>

Array<sup>®</sup> Wall AW2

Professional wall-mounted air purifier  
H13 HEPA filtration & activated carbon

# Array® Wall AW2

## Product features :

- Purifies the air in spaces by cleaning it to make it fresh and odour-free.
- Effectively captures:
  - Inert particles, (organic, mineral, fibers, or metallic particles)
  - Biocontaminants (pollen, allergens, viruses, bacteria)
  - Gaseous pollutants (VOCs: formaldehydes, benzenes, ozone, etc.)

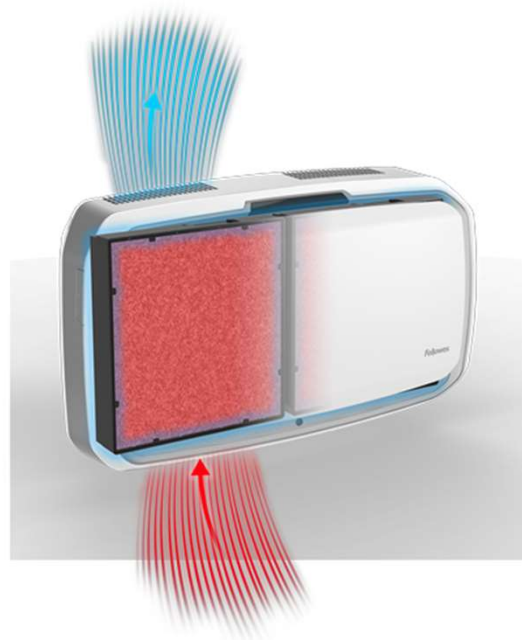


Also available in mobile version

## Product benefits:

- **Ultra quiet**, <38 dBA during standard operation\*
- **Remote control** and complete visibility of the air quality in your room thanks to the Array ViewPoint **online dashboard**
- Equipped with an **air pollutant detection sensor**
- Intelligent EnviroSmart+™ system: **adapts its speed** according to air pollution and occupancy
- Lookout screen: **real-time air quality indicator and monitoring** (PM2.5, TVOC, CO<sub>2</sub> levels)
- **Filter change indicator** and tactile control screen
- **Low energy consumption**, variable airflow, and automatic standby mode

\*Maximum speed in silent mode (speed 3) at 3 m and Q=4.



## Certifications :



## Product performance :

EnviroSmart+™

Our patented technology continuously monitors air quality and adjusts our purifiers for optimal sanitation, energy efficiency and reduced costs.



The H13 HEPA filter is certified according to the EN1822 norm.



The sound level of our machines is tested according to the ISO 3741 standard.

# Array® Wall AW2

## Specifications :

| PRODUCT SPECIFICATIONS                      |                                     |            |            |            |         |
|---|-------------------------------------|------------|------------|------------|---------|
| Item code                                   | 5885201                             |            |            |            |         |
| Dimensions (mm)                             |                                     | Height     | Length     | Depth      |         |
|   |                                     | 576        | 885        | 270        |         |
| Weight (filters included) (kg)              | 16 kg                               |            |            |            |         |
| Colour                                      | White                               |            |            |            |         |
| Operating modes                             | Quiet, Automatic, Manual (5 speeds) |            |            |            |         |
| TECHNICAL DATA                              |                                     |            |            |            |         |
| Airflow (m³/h) - (ISO 5801)                 | Speed 1                             | Speed 2    | Speed 3    | Speed 4    | Speed 5 |
|   | 208                                 | 257        | 354        | 440        | 742     |
| Max. CADR (m³/h) - AHAM                     |                                     | Smoke      | Dust       | Pollen     |         |
|   |                                     | Contact us | Contact us | Contact us |         |
| Sound power LwA (dB) - (ISO 3741-2010)*     | 41                                  | 46,7       | 52,1       | 58,9       | 79      |
| Sound pressure LpA (dBA) (at 3m, Q=4)       | 26,5                                | 32,2       | 37,6       | 44,4       | 64,5    |
| Power consumption (W) - (ISO 5801)          | 10                                  | 15         | 23         | 41         | 172     |
| Cable length (cm)                           | 59 cm                               |            |            |            |         |
| Power requirements (V /Hz / A)              | 230V   50Hz   0,75A                 |            |            |            |         |
| CERTIFICATIONS                              |                                     |            |            |            |         |
| Electrical safety certifications            | TUV, GS, CE, UL 507                 |            |            |            |         |
| Virus testing                               | SARS-CoV-2 / Rhinovirus / H1N1      |            |            |            |         |
| Warranty                                    | 5 years                             |            |            |            |         |
| Recyclability rate - (Directive 2012/19/EU) | 83%                                 |            |            |            |         |

\* Sound power level emitted by the source in a reverberant room.

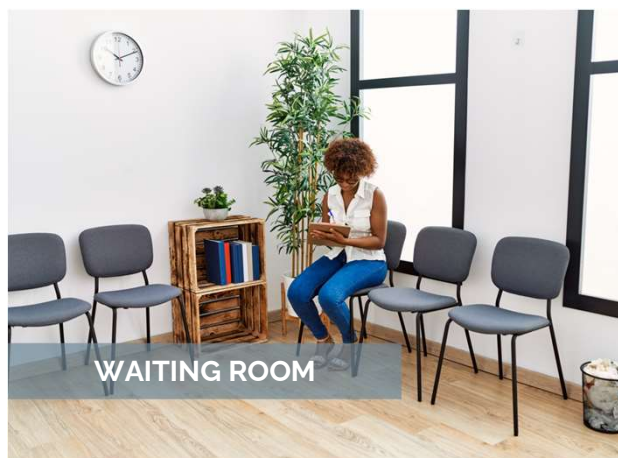
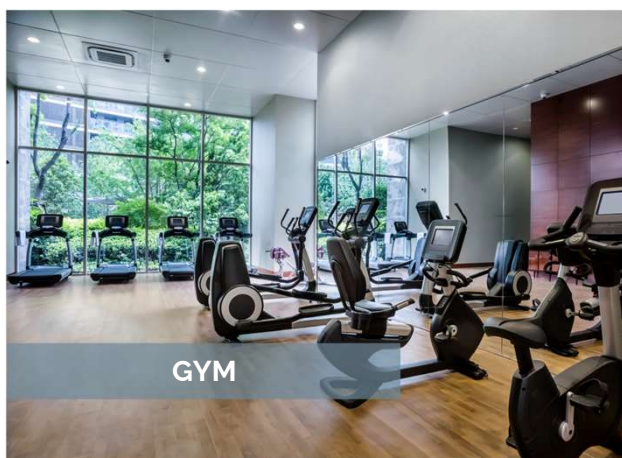


To watch the installation  
tutorials,  
scan the QR code:  
Fellowes Air Quality  
Management - YouTube

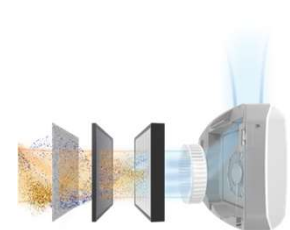


Contact us :  
xxxxxxx@fellowes.com  
xxxxxxx

## Installation and operation :



## Filtration system :



|                       | STANDARD CONFIGURATION                                      | HYBRID FILTER   | ACTIVATED CARBON FILTER   | PRE-FILTER                   |
|-----------------------|---|---|---------------------------|------------------------------|
| Filter type           | Activated carbon - 10 mm<br>H13 HEPA - 50 mm                | Activated carbon - 30mm<br>H13 HEPA - 30mm                  | Activated carbon - 60 mm  | Replacement pre-filter       |
| Estimated filter life | 12 months   | 12 months   | 12 months                 | Depending on the environment |
| Item code             | Activated carbon - 9416502<br>H13 HEPA - 9416602            | 9436902   | 9436802                   | 9600501                      |
| Features              | 99.97% particles > 0.1 micron and VOC <sup>1</sup> / Odours | 99.97% particles > 0.1 micron and VOC <sup>1</sup> / Odours | VOC <sup>1</sup> / Odours | Coarse particles             |

\* The unit is initially equipped with : two pre-filters, two activated carbon filters (10 mm) and two H13 HEPA filters (50 mm).

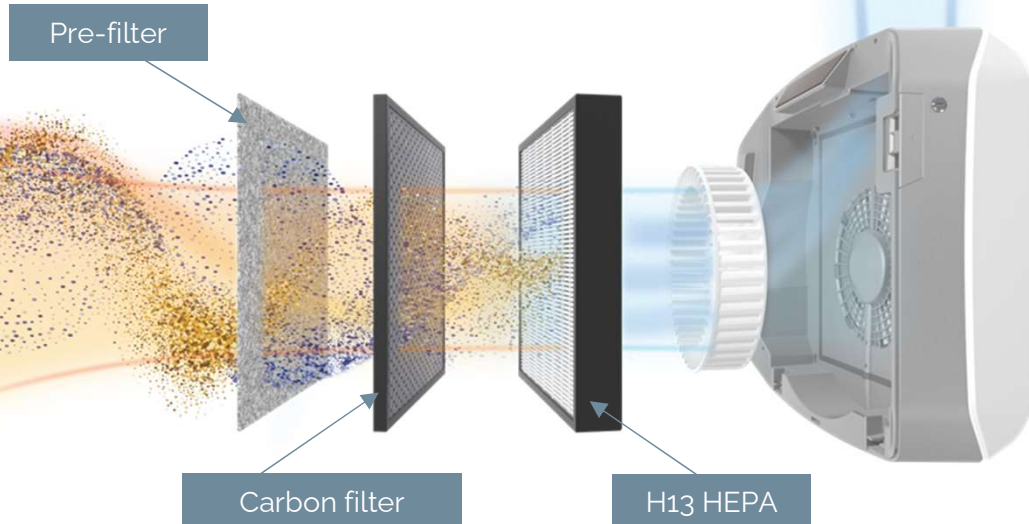
<sup>1</sup> Volatile Organic Compounds (VOCs) are chemical substances that evaporate easily at room temperature, contributing to air pollution. Originating from natural or man-made sources (solvents, paints, fuels, biomass), they can have toxic effects on human health.

# Array® Wall AW2

## Installation and operation :



Always use a pre-filter, regardless of the type of filter chosen.



|                      |   |
|----------------------|---|
| TYPE OF INSTALLATION | <ul style="list-style-type: none"><li>• Wall-mounted</li></ul>  |
| POWER REQUIREMENTS   | <ul style="list-style-type: none"><li>• 230v   50 Hz   0,75A</li></ul>  |
| HARDWARE PROVIDED    | <ul style="list-style-type: none"><li>• Front panel locking keys</li><li>• Mounting template</li><li>• Pan head Phillips screws</li><li>• Drywall anchors</li></ul> |
| CLEARANCE            | <ul style="list-style-type: none"><li>• Ensure that there is a 21 cm clearance above the unit to allow filters to be replaced.</li></ul>                            |

### Quiet mode :

The unit adapts its airflow based on the air pollution detected in its operating area, not exceeding the maximum speed of 3.  
**The unit automatically switches to standby.**

### Automatic Mode :

The unit automatically adapts its airflow based on the air pollution detected in its operating area and can reach a maximum speed of 5.  
**The unit automatically switches to standby.**

### Manual Mode :

The unit maintains a constant airflow set manually by the user, between speed 1 and 5 depending on the user's needs.  
**The unit does not shut down automatically.**



# Array® Wall AW2

## Sizing tables:



|        |
|--------|
| AM2    |
| AW1    |
| AW2    |
| Combo* |

**Low density areas: 3 Volumes/hour**  
> 10m² / occupant

| Ceiling height (m) | Area coverage (m²)                  | 10  | 15  | 20  | 25  | 30  | 35  | 40  | 45  | 50  | 60  | 70  | 80  | 90   | 100  |
|--------------------|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|
| 2.5                | Minimum recommended airflow in m³/h | 75  | 113 | 150 | 188 | 225 | 263 | 300 | 338 | 375 | 450 | 525 | 600 | 675  | 750  |
| 2.6                |                                     | 78  | 117 | 156 | 195 | 234 | 273 | 312 | 351 | 390 | 468 | 546 | 624 | 702  | 780  |
| 2.8                |                                     | 84  | 126 | 168 | 210 | 252 | 294 | 336 | 378 | 420 | 504 | 588 | 672 | 756  | 840  |
| 3                  |                                     | 90  | 135 | 180 | 225 | 270 | 315 | 360 | 405 | 450 | 540 | 630 | 720 | 810  | 900  |
| 4                  |                                     | 120 | 180 | 240 | 300 | 360 | 420 | 480 | 540 | 600 | 720 | 840 | 960 | 1080 | 1200 |

**Medium density areas: 4 Volumes/hour**  
5 to 10m² / occupant

| Ceiling height (m) | Area coverage (m²)                  | 10  | 15  | 20  | 25  | 30  | 35  | 40  | 45  | 50  | 60  | 70   | 80   | 90   | 100  |
|--------------------|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|
| 2.5                | Minimum recommended airflow in m³/h | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 600 | 700  | 800  | 900  | 1000 |
| 2.6                |                                     | 104 | 156 | 208 | 260 | 312 | 364 | 416 | 468 | 520 | 624 | 728  | 832  | 936  | 1040 |
| 2.8                |                                     | 112 | 168 | 224 | 280 | 336 | 392 | 448 | 504 | 560 | 672 | 784  | 896  | 1008 | 1120 |
| 3                  |                                     | 120 | 180 | 240 | 300 | 360 | 420 | 480 | 540 | 600 | 720 | 840  | 960  | 1080 | 1200 |
| 4                  |                                     | 160 | 240 | 320 | 400 | 480 | 560 | 640 | 720 | 800 | 960 | 1120 | 1280 | 1440 | 1600 |

**High density areas: 5 Volumes/hour**  
< 5m² / occupant

| Ceiling height (m) | Area coverage (m²)                  | 10  | 15  | 20  | 25  | 30  | 35  | 40  | 45  | 50   | 60   | 70   | 80   | 90   | 100  |
|--------------------|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|
| 2.5                | Minimum recommended airflow in m³/h | 125 | 188 | 250 | 313 | 375 | 438 | 500 | 563 | 625  | 750  | 875  | 1000 | 1125 | 1250 |
| 2.6                |                                     | 130 | 195 | 260 | 325 | 390 | 455 | 520 | 585 | 650  | 780  | 910  | 1040 | 1170 | 1300 |
| 2.8                |                                     | 140 | 210 | 280 | 350 | 420 | 490 | 560 | 630 | 700  | 840  | 980  | 1120 | 1260 | 1400 |
| 3                  |                                     | 150 | 225 | 300 | 375 | 450 | 525 | 600 | 675 | 750  | 900  | 1050 | 1200 | 1350 | 1500 |
| 4                  |                                     | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 | 1200 | 1400 | 1600 | 1800 | 2000 |

\*Combination of several units, depending on the airflow required. It is perfectly possible to combine ceiling and wall units. It is always possible to divide each zone into several separate areas.

- The treated space is considered to be correctly ventilated, in accordance with the air renewal rates specified by regulations.
- Do not position a unit less than 3m away from an exhaust opening.
- Wall-mounted units can be combined with recessed and ceiling-mounted units for uniform treatment of large spaces.
- It's always possible to split each zone into several separate areas.
- For any other dimensions, please contact us