

# EC-MAC Built to order (for semiconductor manufacturing equipment)

Equipped with brushless DC motor

RoHS compliant

\* RoHS Directive : EU rules restricting the use of hazardous substances in electrical and electronic equipment to protect the environment and public health.

EMC compliant (CE marking product).  
Compatible with overseas specifications.

\* EMC: Electro-Magnetic Compatibility

\* Self-declared standard (EN60204-1:2018, EN61000-6-4:2007+A1:2011, EN61000-6-2:2005)



MAC- II A-50EMC-PTFE



MAC- II A-80EMC-PTFE



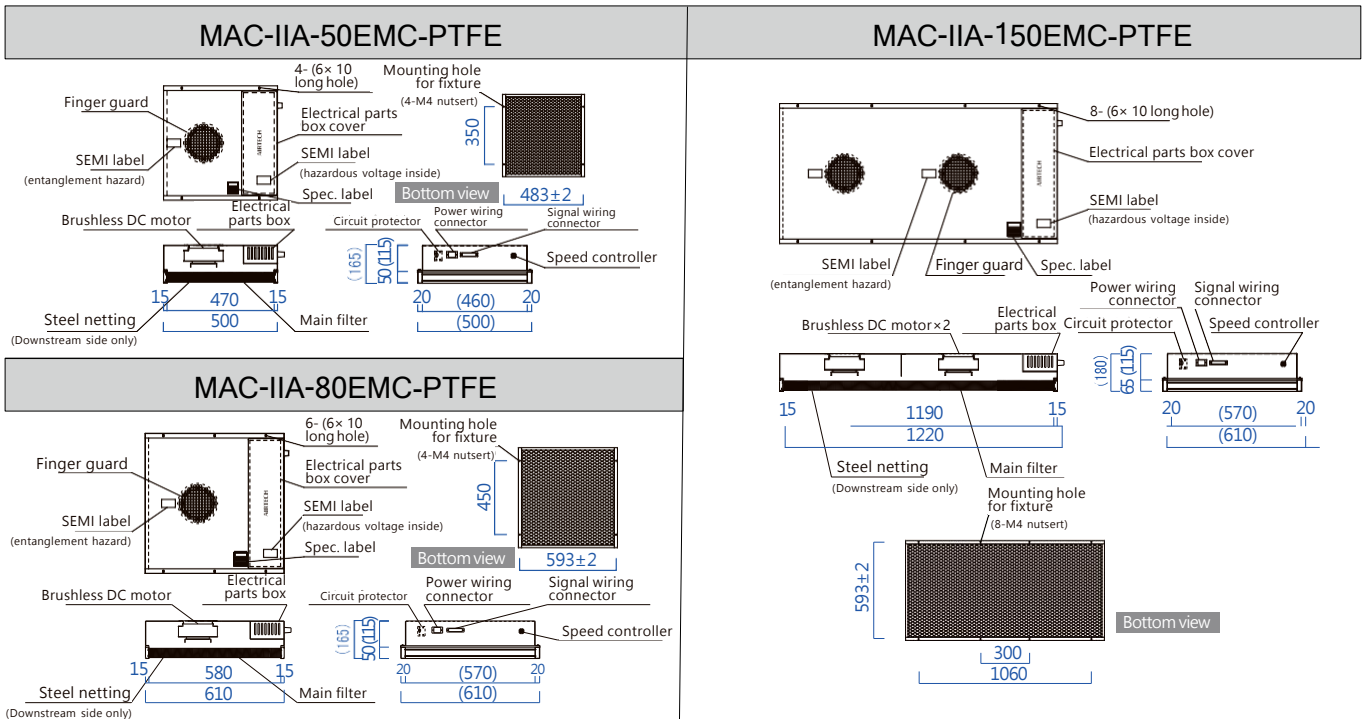
MAC- II A-150EMC-PTFE

**Creates high cleanliness space**  
Equipped with a PTFE filter, it is ideal for semiconductor manufacturing.

**Power saving**  
Reduce power consumption by using the high efficiency brushless DC motor.

**Free power supply**  
Compatible with AC100V to AC 240V (single-phase).

**Signal output**  
Possible to output operation signals and error signals.



| Model                            | MAC- II A-50EMC-PTFE   | MAC- II A- 80 EMC-PTFE                             | MAC- II A-150EMC-PTFE |
|----------------------------------|--|--|-----------------------|
| Efficiency                       |  | 99.999% or higher at 0.1~0.2 μm particles (silica) |                       |
| Main filter                      | CD4207601  | CD4204993  | CD4208303             |
| Air volume (m <sup>3</sup> /min) | Approx. 5  | Approx. 8  | Approx. 15            |
| Average air velocity (m/s)       | 0.39   | 0.40   | 0.37                  |
| Power source                     | AC 100~240V 1 φ 50/60Hz * Drive power supply is DC24V        |  |                       |
| Power consumption (W)            | Approx. 35   | Approx. 100  | Approx. 120           |
| Weight (kg)                      | Approx. 11   | Approx. 14   | Approx. 21.9          |
| Structure                        | SUS430   |  |                       |
| Accessories                      | Gasket for mounting device                                   |  |                       |
| Self-declared standard           | EN60204-1:2018, EN61000-6-4 : 2007+A1:2011, EN61000-6-2:2005 |  |                       |

\* Blowout air velocity is calculated from suction air volume