

Automatic air volume control clean booth MCB06 type

Control air volume automatically according to the set cleanliness class.

- Automatic air volume control allows for power-saving operation while maintaining optimal cleanliness. * Possible to set it individually.
- Design a localized clean space to your desired booth size and cleanliness level.
- Achieve quick delivery, high quality and low price by standardizing and in-house producing of component parts.
- Clean Monitor displays the cleanliness in the booth in ISO class 5 to 8.5.
- Possible to maintain HEPA filter from inside the booth.



Form that combines designability and functionality — Eliminated the inorganic impression and used many curved surfaces that give a sense of gentleness. —

1. Fan filter unit that uses a high-efficiency, low-power BLDC motor



2. Long life, low-power LED lighting



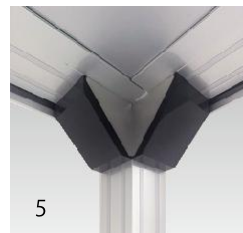
3. Switch panel with a good operability (with a wind volume display) and a clean monitor for checking the cleanliness level in the booth



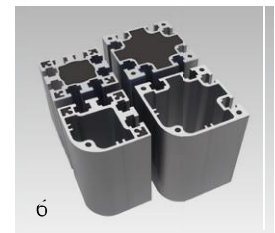
4. Place corner covers that create a sense of unity with the pillars and beams at all four corners



5. Use carefully selected brackets with cosmetic covers in the booth



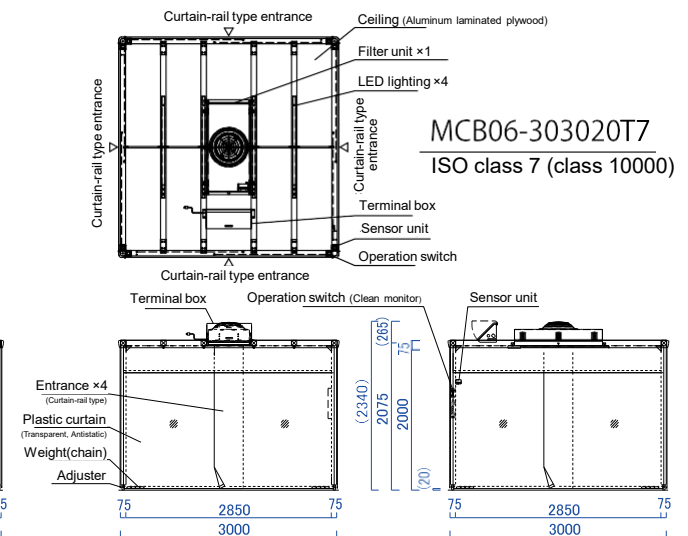
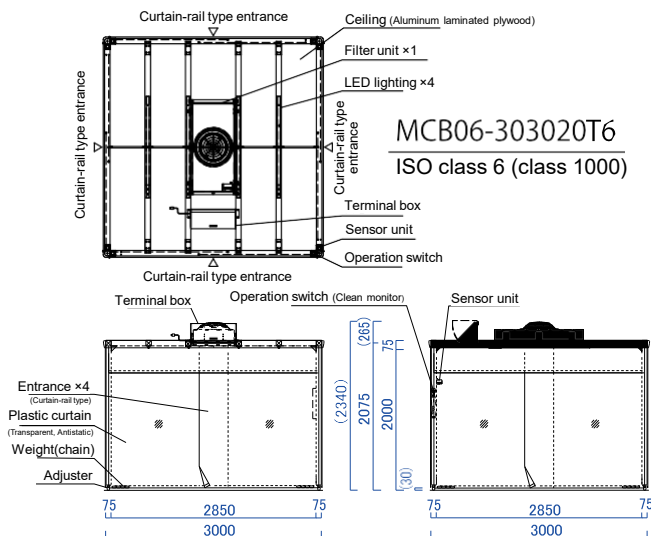
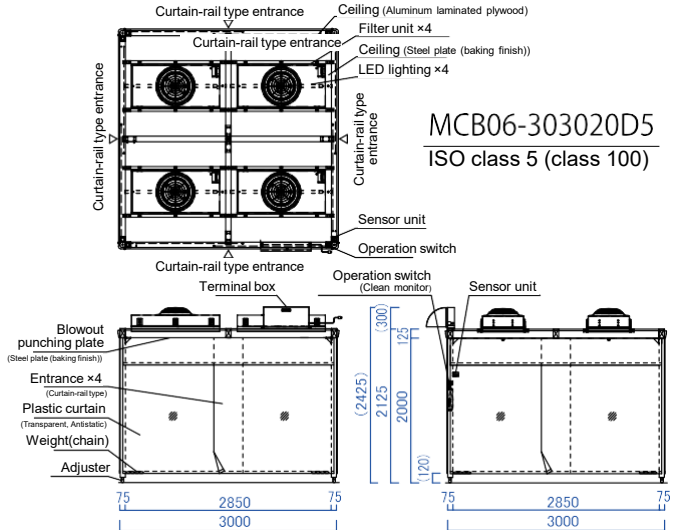
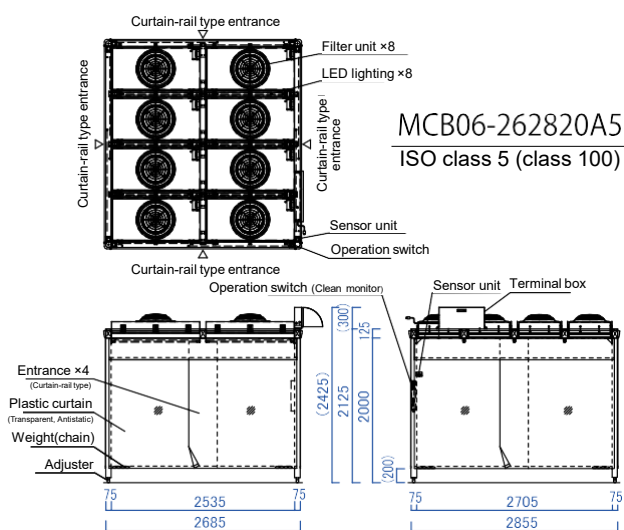
6. Frame structure with corner R-shaped pillars and beams



A wide variety of combinations to suit your installation environment

— Please contact us for more details. —

- Entrance and exit : ①Rail type ②zipper type ③Lap type ④Aluminum door ⑤ Slide door, etc.
- Surrounding plastic curtain color: ①Transparent and colorless ②Yellow ③Black, etc.
- Others: ①Caster box ②Outlet box ③Large booth ④ Shape to suit the installation room (L-shape, etc.), etc.



Model	MCB06-262820A5	MCB06-303020D5	MCB06-303020T6	MCB06-303020T7
Cleanliness class	ISO class 5 (clas100)	ISO class 5 (clas100)	ISO class 6 (clas1000)	ISO class 7 (class 10000)
Efficiency	99.99% or higher at 0.3µm particles			
Filter element	Main filter: HEPA filter, Pre filter: saran net			
Air volume(m³/min)	Approx. 120	Approx. 88	Approx. 25	Approx. 15
Air circulation (time/h)	Approx. 470	Approx. 293	Approx. 83	Approx. 50
Fan filter unit	CB-FFU-250DC×8	CB-FFU-250DC×4	CB-FFU-250DC×1	CB-FFU-250DC×1
Power source	AC100V 1φ 50/60Hz			
Power consumption (5-speed / 1-speed) (W)	Approx. 670 / 260	Approx. 800 / 180	Approx. 280 / 130	Approx. 170 / 120
Apparent power (VA)	Approx. 1100	Approx. 1200	Approx. 450	Approx. 250
LED Lighting	6	4	4	4
Weight (kg)	Approx. 350	Approx. 420	Approx. 260	Approx. 260
Structure	Frame · panel holder: Aluminum cutting die & alumite treatment, Surrounding: Antistatic plastic curtain (transparent and colorless), Filter unit: SUS430 BA plate,			
Ceiling plate	—	Aluminum aminated plywood + Steel plate (baking finish) partially	Aluminum aminated plywood	Aluminum aminated plywood

* The cleanliness level for A5 and D5 is when the target particle size is 0.3µm, and for the T6 type and T7 type is when the target particle size is 0.5 µm (when construction is complete).

* Power consumption is when the air volume is set to automatic mode. * MCB06-262820A5 is equipped with filter units on the entire ceiling.