



**AIRTECH**



# **Pass Box (HPB/APB/EPB)**

# Standard 06 type pass box

It is used for loading and unloading of goods in clean rooms and bio-clean rooms, and prevents the entry of dust and bacteria that cause contamination.

The HPB type is a pass box with a built-in HEPA filter. By circulating the air purified by the HEPA filter, the inside of the pass box is kept highly clean. The door has a flat structure with the main body to prevent dust from accumulating on the top of the door. A germicidal lamp can be installed as an option.

- Operability has been improved with an electromagnetic lock for the door, and an indicator light/ buzzer when one door is opened/closed. Detailed operation can be changed by program control.
- \*Excluding EPB type
- The flat structure with few irregularities that suppresses dust accumulation and a large window (colorless transparent tempered glass) with good visibility have been adopted.
- The low dust generation hinge reduces the generation of dust.

- The germicidal lamp sterilizes the inside of the refrigerator (can be set to turn off automatically).
- \*options. Except EPB type
- The HPB type cleans the inside of the refrigerator with a cleanup function using a HEPA filter. (Automatic stop setting possible)
- High airtight doors suitable for bio-related applications, all SUS specifications are also available.
- The EPB type does not require a power supply and can be installed in explosion-proof areas due to its mechanical interlock specifications.



HPB06 Type

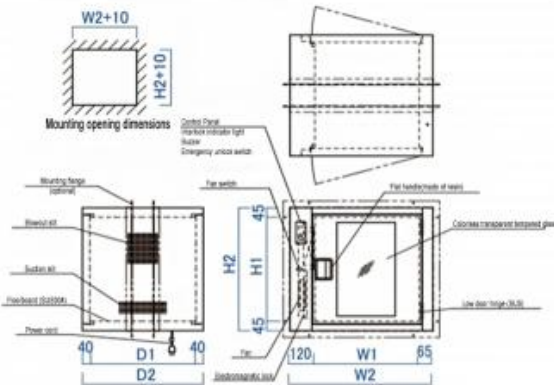


APB06 Type

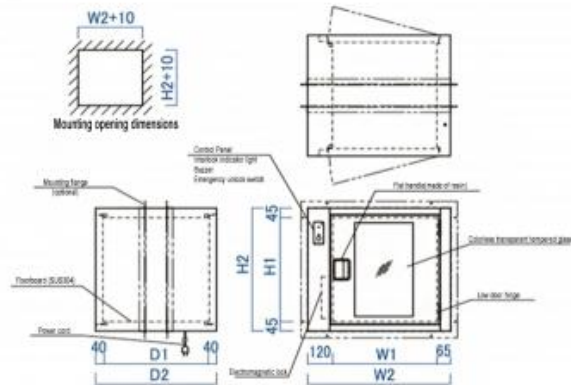


EPB06 Type

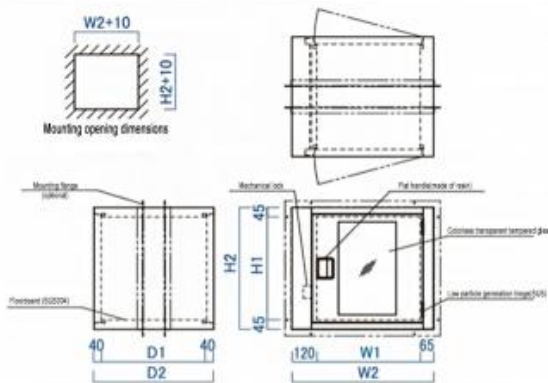
## HPB06-R (Electromagnetic lock)



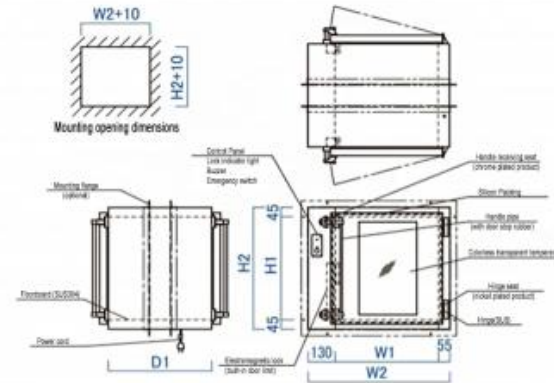
## APB06-R (Electromagnetic lock)



## EPB06-R (Mechanical lock)



## BHPB06-R (Electromagnetic lock)





Flat handle with less dust accumulation



Electromagnetic lock to prevent simultaneous opening



Low particle generation hinge



SUS interior floor with R for easy cleaning

**Body dimensions by model** Unit:mm

Model	W1	W2	H1	H2	D1	D2
□PB06-555R	500	685	500	590	500	580
□PB06-666R	600	785	600	690	600	680
□PB06-777R	750	935	750	840	750	830

**Body weight by model**

Model	Weight(kg)	Model	Weight(kg)	Model	Weight(kg)	Model	Weight(kg)
HPB06-555R	55	APB06-555R	50	EPB06-555R	50	BHPB06-555R	60
HPB06-666R	70	APB06-666R	65	EPB06-666R	65	BHPB06-666R	70
HPB06-777R	85	APB06-777R	80	EPB06-777R	80	BHPB06-777R	90

Model	HPB06-R	APB06-R	EPB06-R	BHPB06-R
Dust Collection Efficiency	99.99% or more with 0.3µm particles			
Processing Air Volume	About 1m <sup>3</sup> /min			
Main Filter	HEPA filter (3A-202050TLAW) x1			
Interlock	Alarm with indicator light and buzzer	Alarm with indicator light and buzzer	Mechanical Lock	Alarm with indicator light and buzzer
Power Supply	AC100V 1φ 50/60Hz	AC100V 1φ 50/60Hz		AC100V 1φ 50/60Hz
Equipment Power(VA)	About 60VA	About 30VA		About 30VA
Structure	The Body: Steel plate-made baking paint finish, floor: board: SUS304 hairline finish			
				Door Packing: Silicone Packing
				Handle: Closed handle
				Operation panel: with sealed box

\* Electromagnetic lock pattern: When one side door is "open", the other side door is "locked". (Interlock between doors) in addition, the electromagnet lock is unlocked by the emergency unlock switch and power failure.