

HEPA-filtered Air Exhaust Unit

<for Infection Control>



Infection Control Exhaust Unit NEU-10

A simplified negative pressure generator for infection control in patients' rooms.

Features

- It can also be used in waiting rooms or nursing homes without negative pressure if an optional circulation blower is attached.
- A patients' room can be remodeled to prevent air-borne infection by installing NEU-10 with an outside exhaust duct/fan system.
- The HEPA filter is equipped for air exhaust.
- No need for special electrical work since household electric power supply fulfills the necessary power capacity.
- The operation mileage recorder helps maintenance of the HEPA filter.

Note: NEU-10 exhausts indoor air to the outside through an optional duct system and maintains the room at negative pressure.

When NEU-10 is installed in a standard patients' room (W3,600mm x D6,000mm x H2,500mm), it ventilates 13.3 times per hour, which meets the requirements of CDC guidelines regarding prevention of airborne infection.

With an optional circulation blower without negative pressure.

Specifications

Model	NEU-10			
Version	Exhausting air outside the room		Returning air to the room	
Dimensions (W × D × H) (mm)	750 × 400 × 1,550		750 × 400 × 1,755	
Filter	HEPA filter (Dust collect efficiency: PAO particles of 0.3μm 99.99% or higher)			
	Pre-filter(Antimicrobial PP honeycomb net)			
Air volume flow rate	High: 10. 5 m³/min	Low: 5.3 m³/min	High: 11 m³/min	Low: 5.5 m³/min
Noise	High: 52 dB(A)	Low: 38 dB(A)	Hight: 53 dB(A)	Low: 40 dB(A)
Material	Steel plate with resin coating (antibacterial coating)			
Power consumption	High: 115 W		Low: 25 W	
Weight	About 75 kg		About 80 kg	
Power requirement	Single phase 100 V 50/60 Hz			