

FUME HOOD

Validation support

Operation qualification test / Smoke pattern test / Sound level & luminance test / Up-flow velocity test

Feature

Valve and Fitting has been installed according to the International standards, this was an internal copper connections to prevent corrosion,

External ports adopted a simple touch of a button.

By applying a fluorescent type of explosion protection inside, safe from explosion and fire, replacement is easy designed and applied.

An interior wall material, the introduction of SUS304, safe from corrosion by the gas and,

Wall and damage which caused an explosion and fire in the sample (soot / smoke / toxic gases) there is no risk.

Internal bench flooring material is adopted the Serra dynamite with resistance, an amnesty designed to bump structure,

The water used in the experiment was not full.

Option

1. Air Velocity Monitor

Setting over / LED monitor with alarm function of wind speed or less is detected.

2. LCD Control System

- Based on the current wind speed, wind speed is at a minimum when it is not in the test or the door is closed.

- The door is open or maintain a fair wind and when being experimental.

Through this control method, to suppress the extraneous power consumption, and product operation, and maximizing the economic efficiency and product durability



MODEL NO	PHFH 1200	PHFH 1500	PHFH 1800	PHFH 2100
Dimension_IN(WxDxH)mm	1000 x 660 x 960	1300 x 660 x 960	1600 x 660 x 960	1900 x 660 x 960
Dimension_OUT(WxDxH)mm	1200 x 872 x 2225	1500 x 872 x 2225	1800 x 872 x 2225	2100 x 872 x 2225
Type	General type			
Material (Interior)	Stainless steel plate(SUS 304 2B)			
Material (exterior)	Steel plate with powder coated			
Duct(PVC or stainless steel)	Ø150 or Ø200mm		Ø250 or Ø300mm	
Emission capacity	1/4HP or 1/3HP		1/2HP or 1HP	
Air volume(CCM)	9 ~ 18	12 ~ 23	14 ~ 29	17 ~ 34
Air velocity	0.25~0.5 m/sec			
Plug type	European 220 VAC 50/60Hz STD 1 phase			
Electrical	With the use of fuses which are optimal to each part, overcurrent is shut-off.			
Controller	Lamp, blower switch on/off			
Lamp	Explosion proof fluorescent lamp 20W x 1EA		Explosion proof fluorescent lamp 30W x 1EA	
Utility	N2 cock / air cock / water cock & valve, wall mount consent 110v 220V x 2EA			
Glass door	Weight balanced sliding tempered safety glass 5mm thick			
Option	PURIFUME LCD Control system, air velocity monitor, fitting & valve accessories			

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