

ORIENTAL

Push-Pull Exhaust Hood
"Piano"



Piano

The new style of exhaust hood



A piano-inspired sophisticated and functional design

Fully open workspace designed for operability

Without a front sash and side walls, the resulting fully open work space creates superb airiness and outstanding workability.

Without the need to vertically operate a front sash, the user can turn on or off by foot, and so can start working safely at the hood even with both hands occupied.

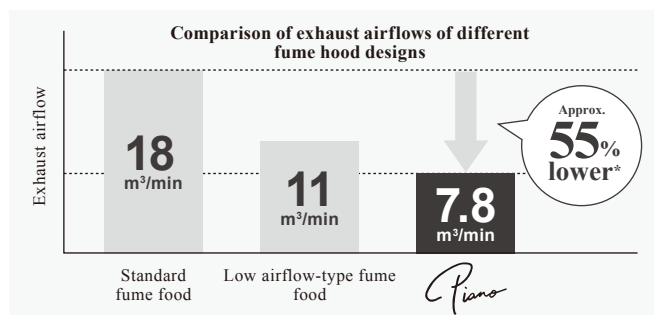
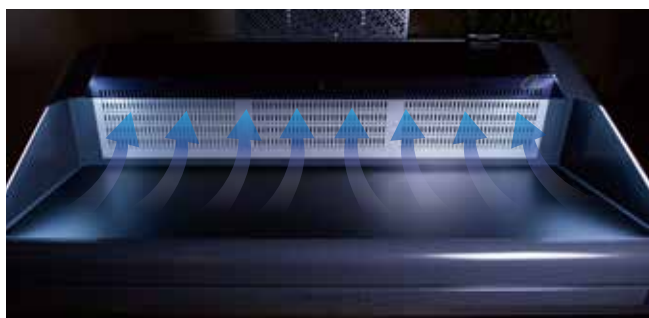
Pleasant operating tones make science more fun.

The unit plays pleasant piano tones when the unit turned on or off or when alerting the user to an alarm.

This small fun feature lightens up a monotonous research environment.

The built-in lights illuminate your work area as if spotlighting pianist playing on a stage.

Improved safety and energy efficiency achieved by unique push-pull



Containment by the push-pull system

The air flow coming out of the push unit and the suction provided by the pull unit together create an air curtain.

This combination completely contain harmful gases with the least amount of exhaust airflow.

Lower airflow raises energy efficiency

The unique air flow control technology efficiently contains harmful gases, drastically reducing the required exhaust airflow. The resulting reduction in HVAC load helps curb running costs and also environmental impacts.

* Comparison of our 1,500 mm-wide models. The actual exhaust airflow may differ depending on the use case and other environmental factors.

Product specifications

Code No.	Model	Outer dimensions W × D × H (mm)	Exhaust airflow	Face velocity*	Static pressure
W_0500320051	W_PIA-SUS-1200	1200 × 750 × 1180	6.3 m³/min		
W_0500320052	W_PIA-SUS-1500	1500 × 750 × 1180	7.8 m³/min	0.7 m/sec (± 50%)	100Pa
W_0500320053	W_PIA-SUS-1800	1800 × 750 × 1180	9.3 m³/min		

Hood construction : Main body: Stainless steel with baked epoxy-polyester powder coating
Base and side covers: Steel with baked epoxy-polyester powder coating

Worktop : Phenolic resin top

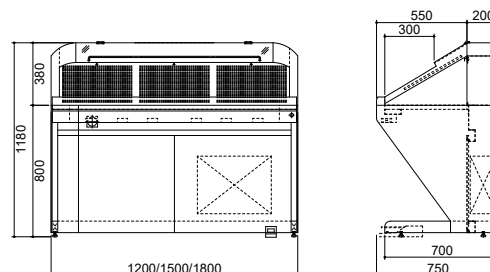
Partial top cover : Acrylic panel (smoky gray, 5 mm-thick)

Power supply : Single-phase 100-230V (depending on the location)

Duct diameter : Two 120-mm diameter ducts *A piping box is optionally available

*Face velocity at a location 50 mm away from the air foil.

Dimensional drawing



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Notes: ●The product appearance and specifications shown in the brochure are subject to change for improvement without prior notice. ●The product colors shown in this printed brochure may slightly differ from the actual product colors. ●This brochure may not contain all the available information about product specifications, accessories and cautions concerning product use. ●Be sure to read and understand the provided manual before using a purchased product. ●The content shown is based on information as of February 2024.

Check our exhaust product website.

You can access to the website that provides details of product features.

