



# Ductless Fume Hood

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**Darsun**Scientific



Optional Upgrade LED Lamp



7" Color Touch Screen



RG0 Without Blue Light



Anti-Glare Eye Protection



Ra98 High Color Rendering Index

# Darsun Scientific

## Ductless Fume Hood

DSH-800DL



### Description

Ductless fume hood is a ventilation device used in laboratory and industrial environments, providing a safe and efficient air filtration and exhaust system to protect operators and the environment from harmful gases and particles. Its main feature is that it does not require the installation of a duct system, allowing for flexible placement in any desired location. It utilizes chemical HEPA filters and a fan system to effectively filter and remove harmful substances from the air, including toxic gases, chemicals, microorganisms, and particles.

### Product Features

- Powerful filtration system can be configured with HEPA filters and chemical filters according to customer requirements, effectively filtering and removing harmful substances to ensure a safe operating environment and protect personnel from harm.
- Easy to operate, equipped with a 7-inch LCD color touchscreen, it displays real-time parameters such as air velocity, VOC concentration, temperature and humidity, and filter lifetime. This achieves excellent human-machine interaction.
- Humanized design, three-sided acrylic transparent material observation window, convenient for multi-angle observation.
- Low noise design, using high-quality DC centrifugal blower to ensure performance while providing users with a quiet working environment.
- Optional upgrade LED lamp

Model		DSH-800DL
External Size (W×D×H)		800×620×1130 mm (Without Base Stand) 800×620×1800 mm (With Base Stand)
Internal Size (W×D×H)		780×540×775 mm
Max. Opening		650 mm
Operation Surface Height		690 mm
Control System		7" color touch screen; real-time display of air velocity, VOC concentration, temperature, humidity, and filter life, etc.
Airflow System Airflow Velocity		0.4–0.6 m/s, speed adjustable
Air Filtration System	Filter	1pc Pre-filter (Polyester fiber, washable) 1pc Active Carbon filter
Cabinet Construction	Main Body	Electro-galvanized steel with antimicrobial Powder Coating
	Work Surface	304 Stainless Steel (Max. loading: 70 kg)
	Front Window	Manual acrylic window
Electrical System	LED Lamp	16W × 1
	Blower	DC Centrifugal blower, adjustable speed, low noise
	Consumption	60W
	Power Supply	220V±10%, 50/60Hz; 110V±10%, 60Hz
Sound Emission		≤50dB(A)
Standard Accessory		1. Active Carbon Filter×1; 2. Pre-Filter×1; 3. LED Lamp×1
Optional Accessory		1. Base Stand; 2. Base Cabinet; 3. HEPA Filter; 4. Chemical filter; 5. Upgraded LED Lamp
Net Weight		96 kg
Gross Weight		138 kg
Shipping Size (W×D×H)		1160×840×1320 mm
Shipping Volume		1.3 m <sup>3</sup>