



Containment Ventilated Enclosures (Powder Hoods)

Germfree's CSE Series of Compounding Safety Enclosures provide maximum user protection. These Powder Containment & Powder Weighing Hoods protect the operator while weighing and transferring non-sterile powders and compounds. These units provide a main work area with large hinged windows for the easy ingress and egress of large equipment. Both single-sided and double-sided models are available.

The CSE draws air in over the sash opening and up through the filters, providing a wash of particulate laden air away from the user. Germfree's Powder Safety Enclosures are constructed from high quality stainless steel and acrylic. The stainless steel surfaces inside the hood are impervious to most chemicals and are easily cleaned. The CSE is a reliable, low maintenance and cost effective solution for safely working with powders.



Equipment pictured may include custom or optional features

Application

Germfree's CSE Series of Compounding Safety Enclosures provide maximum user protection. Inward air velocity is measured across the sash of the opening and is set to 50-70 fpm for personnel protection. This velocity range is chosen to minimize air turbulence in the work area. The airflow pattern passes directly through the unit with a constant wash of air across the workdeck. All exhausted air is HEPA filtered removing particulates at an efficiency of 99.99% for 0.3 micron particle size and is vented into the room, providing environmental protection.

- Hospital pharmacy
- Non-hazardous drug compounding
- Hazardous non-sterile compounding



Testing, warranty, and support information

- Equipment and HEPA filters are Factory Acceptance Tested (FAT) prior to shipment, meeting guidelines and an airflow test prior to shipping.
- Independent 3rd party certification on-site is recommended prior to operation.
- An operation and maintenance manual is included
- Germfree Standard equipment carries a 2 year parts warranty. Consult a Germfree Expert for more information.

Specifications

Standard features

- **Meets USP <800> for Non-Sterile Hazardous Compounding**
- **Meets USP <797> for Non-Sterile Non-Hazardous Compounding**
- **All Stainless Steel Construction**
Interior coved corners and radiused bends for easy cleanup, both inside and out.
- **Slanted front window**
Clear and open design allows for maximum visibility throughout and around the unit.
- **External Fluorescent Lighting**
Bright lighting delivers maximum visibility to the work area for process and cleaning.
- **Advanced Ergonomics**
Single-sided and double-sided; 3ft., 4ft. and 6 ft. full-width work areas.
- **Customizable to fit a pellet press**

Electrical

- **System requires 115V, 60Hz, 15-amp (220V, 50-60Hz system available)**
- **Separate lighted power ON/OFF indicator switches for blower and lighting**

Model	Overall Dimensions			Work Area Dimensions		
	w	D	H	w	D	H
CSES-3SS	34"	29"	32 1/2"	30"	29"	23"
CSES-4SS	46"	33"	32 1/2"	43"	33"	23"
CSES-6SS	70"	33"	32 1/2"	67"	33"	23"
CSED-4SS	46"	46"	32 1/2"	43"	46"	23"
CSED-6SS	70"	46"	32 1/2"	67"	46"	23"

Equipment checklist

Asterisk (*) denotes optional

CONFIGURATIONS

- GENERAL
- Filter
 - Optional Redundant HEPA Filtration System (Ventilated Enclosure Only)

ACCESSORIES

- Other
 - Bin cart for storage
 - Low flow alarm w/ digital gauge

STAINLESS STEEL STAND

- Height
 - 30" 36"
- Options
 - Hydraulic lift stand
 - Locking cleanroom grade casters

ELECTRICAL

- Voltage
 - 120v 240v 230v
- Frequency
 - 50Hz 60Hz
- Plug type: _____
- Cord length: 10' Custom*: _____



Technical drawings

Please consult with a Germfree Sales Engineer for the most up to date engineering drawings.

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