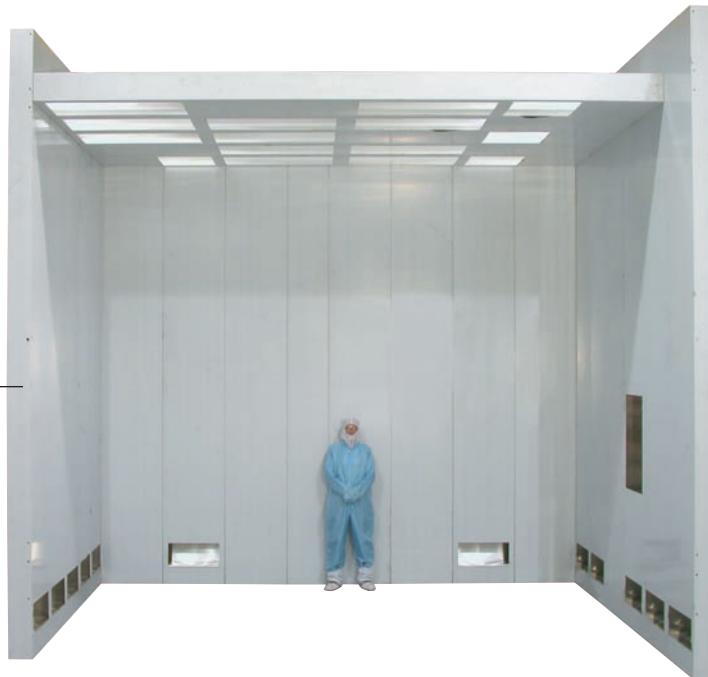


Painted stainless
steel wall panels
shown



Series 583

Vertical Flow Hardwall Modular Cleanrooms

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The Series 583 is a smooth metal wall and metal ceiling cleanroom designed to be wiped or washed down. The walls can be made of either painted steel, painted aluminum, or stainless steel. Lights are designed for wash down applications and options include halogen or tear drop. The HEPA filters are room-side replaceable for easy maintenance and replacement. Gel seals are available for HEPA filters on stainless steel rooms. A steel defuser screen is also included.

Features

- ❖ Smooth walls
- ❖ Easy-to-clean return air grills
- ❖ Stainless steel grill over HEPA filter
- ❖ Metal ceiling for easy wipe down
- ❖ Wash down lights
- ❖ Flush-mount glass windows
- ❖ Walkable ceiling

 For more information or to download or fax this product from the web, simply go to:
www.cleanairproducts.com/583

Wall Returns

Wall returns have a drainage duct that goes part way up the side wall. The bottom of the duct is sloped to drain the water and for easy cleaning.

Optional pressure damper can be located in these duct to automatically close in the event of loss in room pressure.

Walls

The walls and ceiling are designed to minimize joints, to be sealed and easily cleaned.

The cleanroom can be constructed for Class 100,000 to Class 10 operating conditions.

Wall construction options include:

- Painted steel walls
- Painted aluminum
- Stainless steel

Ceiling

The ceiling of the room is designed to be walked on to allow service of the prefilters & HEPA filter blower motors. The interior is designed to be sealed for easy wipe down.

Blowers

Standard rooms use CAP112-424 motorized ceiling HEPA filters.

Options include:

- Room side replaceable HEPA filters (gel seal)
- Room side replaceable motor

HEPA Filters

- Room-side replaceable
- Gel seal with stainless
- Steel diffuser screen

Lights

- Wash down 2 x 4
- Wash down 2 x 4 halogen
- Tear drop

Guarantee

A written 1 year warranty is furnished with each room.

Specifications subject to change. Please contact factory for details.