



MODULAR CLEANROOM FOR

Glass Printer Isolation



ROOM INFORMATION:

- + 100% Modular Room for isolating Glass Printer
- + Meets all manufacturer specs for Temp/RH and cleanliness
- + 10 Year warranty on all components
- + Fast set-up and commissioning
- + Energy efficient design and components for lowest energy use and costs

ARCHITECTURAL COMPONENTS

- + Airtho Intelligrid with LED light panels and Airtho washable aluminum blank panels
- + Interlocking SIPS panels walls*
- + Doors and flexible window layouts*

HVAC:

- + Heat Pump VRF system for efficient, reliable cooling
- + High quality HEPA filtration
- + Low wall return for optimized air circulation

TRUE ISOLATION



SPECIFICATIONS:

STANDARD ROOM DIMENSIONS

OD Main room: 33.28ft (L) x 33.73ft (W) x 10.5ft (H)
Airlock: 8ft (L) x 8ft (W) x 10.5ft (H)

ID Main Room: 32.63ft (L) x 33.1ft (W) x 10ft (H)
Airlock: 8ft (L) x 8ft (W) x 10.5ft (H)

TEMP/RH DESIGN

Temp: 68F +/- 4F

ISO CLASS

ISO 7

ACH

30

LIGHT LEVEL

60ft - candle



HVAC DETAILS

- + VRF Heat Pump System
- + 8 tons cooling capacity
- + 3250 CFM HEPA filter air supply
- + Programmable thermostat
- + Low pressure drop eFRM HEPA filters
- + Terminal HEPA filter ceiling supply and low wall return for optimized airflow

ARCHITECTURAL PACKAGE DETAILS

WALLS

Aluminum faced foam filled interlocking SIPS panels*

DOORS & WINDOWS

Commercial grade with large view panel and sealed to limit air leakage.*

CEILING

Airto Intelligrid LD

- Gasketed to prevent air leakage
- LED flat panel lighting
- Aluminum blank panels

* Additional wall, window, door solutions available