

LABTECH BASED ENVIRONMENTAL ROOMS

Labworks International Inc. Has developed the first pre-packaged refrigeration unit designed specifically for critical Environmental Rooms applications. We have eliminated traditional ceiling mounted cooling coils and associated drain lines.

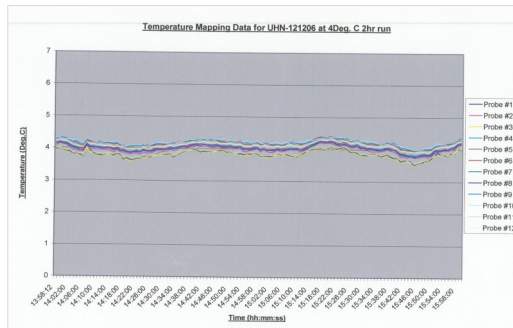
The Labtech unit is low-profile, light-weight, self-contained, top mounted refrigeration system and is available in freezer and dual cooler/ incubator applications. Perfect for redundant system applications.

AVAILABLE OPTIONS

- Air-cooled
- Water-cooled
- Designed to work as a single unit or easily combined for 100% redundant multiple units
- Fully dipped coils and refrigerated fresh air intake
- Units in stock - quick ship available

OPERATION

- Labtech located outside the room
 - Maximum storage
 - Service performed outside of room eliminating disruptions
 - Designed for quick installation - Lightweight - requires only two trades
 - Eliminates onsite refrigeration and plumbing trades
- Switching from cold to warm requires a simple set point change and alarm adjustment
- No room drain lines required - uses a hot gas boil out loop in a non-rusting pan
- Coil uses hot gas defrost - quick and efficient with little temperature disturbance in the room
- LEED driven design - has smaller refrigerant charge and uses ECM high efficiency fan motors
- Dual fans and high temperature ball bearing motors for quiet operation
- Equipped with standard refrigeration components and features a robust refrigeration cycle designed to extend compressor and component life
- Factory assembled and fully tested on our factory environmental chamber
- Eliminates internal cooling coils, drain lines and suspended plastic egg crate ceilings



100%
USABLE ROOM
VOLUME

LOW GWP
REFRIGERANT
R448A

TEMPERATURE
FLEXIBILITY
+4C - +37C
WITHOUT
ELECTRIC HEAT

LEED
DRIVEN DESIGN

OPERATIONAL IN
6-8 HOURS