Cold Storage Rooms

For over 35 years Budzar Industries has specialized cooling and heating systems and has earned a global reputation for quality and ingenuity in the design, engineering, and manufacturing of temperature control systems. Budzar Industries systems are found in action throughout the world, delivering accurate temperature measurement and control.

Budzar Industries has extensive experience in cold storage facility chiller systems in Class L Cold Rooms, Class D Freezer Rooms, Class J Low Temperature Freezer Rooms and Ultra Low Temperature Freezer/Cold Storage Facilities with temperatures down to -80°C. Important features include:

- Temperature Stability throughout the room
- PLC Temperature Control System with PID Capability
- Multiple Temperature Sensors
- 100% Redundancy Options
- Hot Gas or Electric Defrost Cycles

BUDZAR INDUSTRIES, INC.

Your Single Source Solution Provider

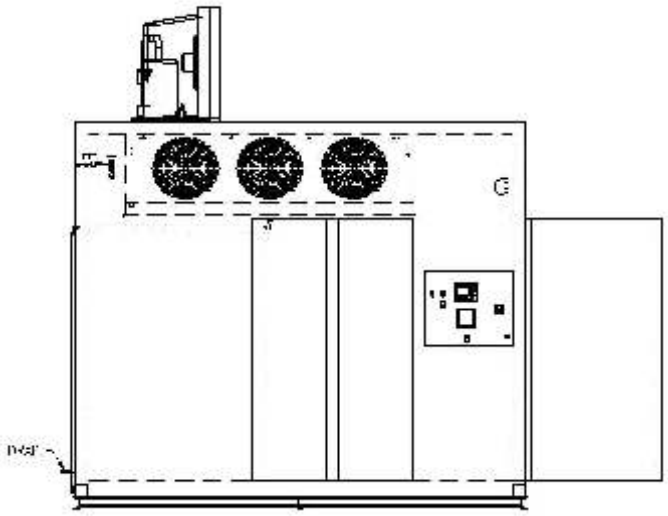
engineering
PRECISION

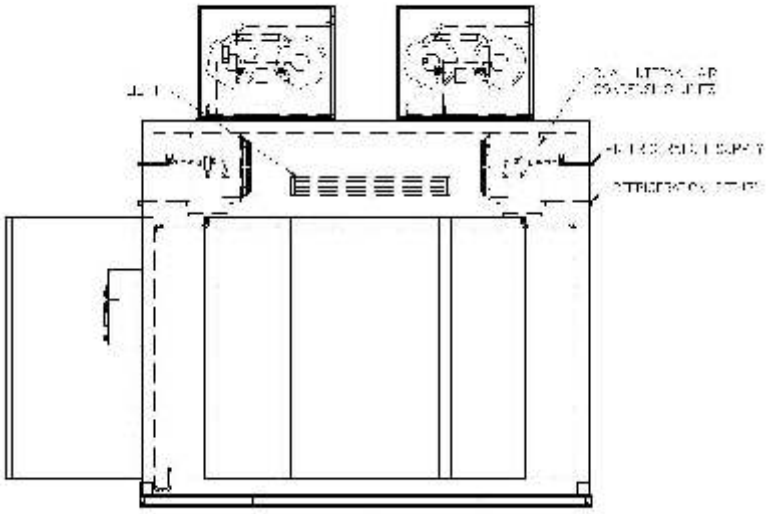
COMPARE THESE FEATURES

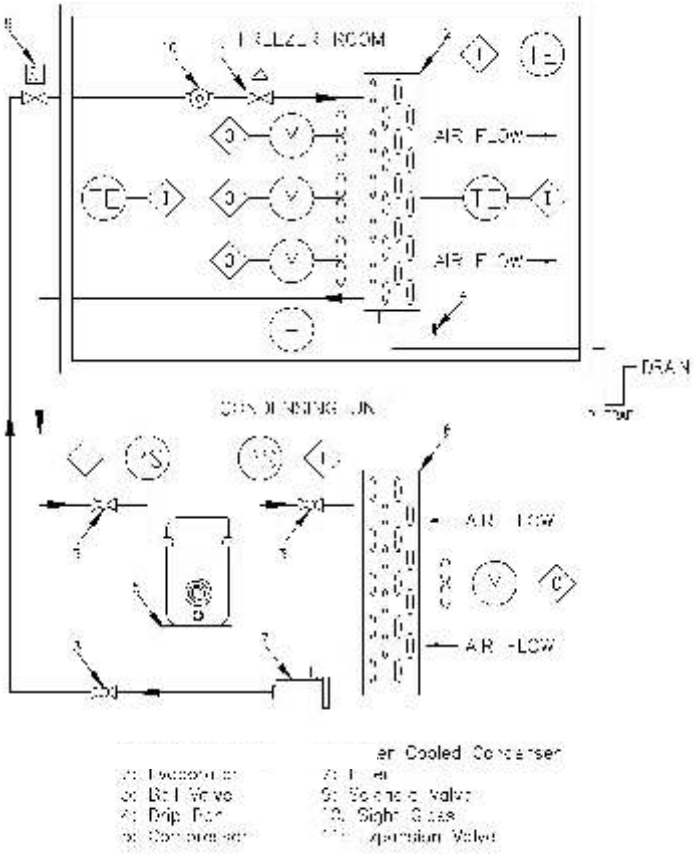
- Each Budzar Industries Unit is designed to maximize the productivity of your process. Budzar Industries quality and reliability provide excellent value for each dollar invested.
- Each Unit is constructed for temperature stability within 1°C gradient
- Multiple Fans provide Precise Air Circulation ensuring Temperature Stability
- A PLC Temperature Control System with PID Capability provides Temperature Accuracy within 1°C and is essential in preventing under/over temperature swings
- Finger-Safe Terminal Blocks, Large Onboard Non-Volatile Memory, Real Time Clock capabilities and Data Access Tool for Data Monitoring and Adjustments
- Multiple Temperature Sensors distributed throughout the room constantly monitor the temperature
- A Temperature Probe strapped to the Evaporator Coil continually monitors the Evaporator Temperature
- Defrost Cycle in initiated when the temperature difference between the Evaporator Coil and Room Set Point reaches the Critical Set Point
- Defrost Cycle Design includes:
  - -Door Limit Switch which turns off the Cooling Unit whenever the Door is Opened
  - -Defrost Heater Around Door Seals and Drip Pan
  - -Drain Pipe and Heat Trace
  - -Critical Temperature Alarm
- Chamber and Doors are Designed for Walk-In or Drive-In Compatibility.
- The Design of the Doors accommodates racking, bulk or individual vials
- **Made in the USA**

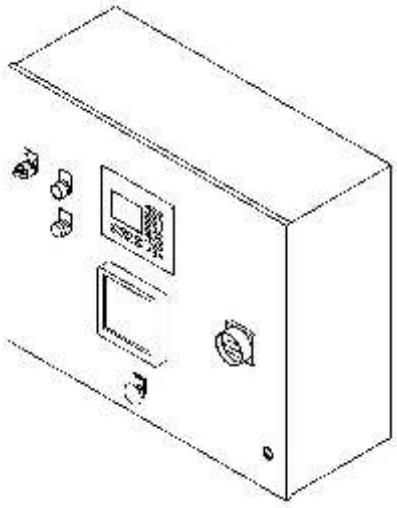
process
TEMPERATURE
control

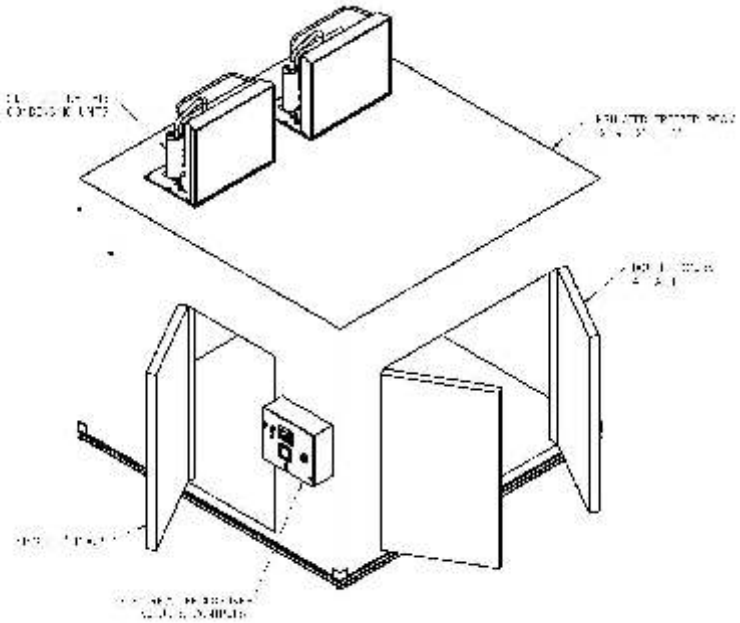
Cold Storage Rooms











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