



COLD STORAGE APPLICATION SURVEY FORM

Please complete all information below as accurately as possible. Provide any photographs, drawings, sketches to help us understand the application better. Please include any additional notes that you feel is important.

Contact Information
Date: _____
Company/Job Name: _____
Submitted By: _____
Email: _____
Phone: _____
Address: _____

Application

- Cooler (above 32 F)
- Freezer (below 32 F)

Location

- Interior door (eg. door opens to a kitchen)
- Exterior door (eg. door opens to outdoors)

Installation Details

- Door Orientation (N,S,E,W) _____ (Exterior door only)
- Actual Mounting Height _____ (Horizontal only)

Environment

- Supermarkets
- Warehouse/Distribution centers
- Food Manufacturer/Processors
- Loading Docks
- Restaurant/Kitchens
- Others _____

Existing Concerns

- Icing/Freezing
- Fogging
- Condensation
- Wind drafts/Tunnel Effect _____ mph
- Negative Pressure _____ psi/in wc

Cooler/Freezer Dimension

Width _____
 Depth _____
 Height _____

Opening Size

Width _____
 Height _____
 # of doors _____
 Distance between doors _____

Type of Door

- Strip Curtain
- High Speed: Vertical Sliding Bi-Parting
- Overhead: Roll up Roll Back Swing
- No Door
- Activation Type:** Automatic* Manual

* - specify sequence of operation of door in additional notes below

Design Considerations

Summer

Cold Side (DB Temp): _____ F %RH _____
 Warm Side (DB Temp): _____ F %RH _____
 Dew Point*: _____ F (if known)

Winter

Cold Side (DB Temp): _____ F %RH _____
 Warm Side (DB Temp): _____ F %RH _____
 Dew Point*: _____ F (if known)

*-Measure Dew Point at Cooler/Freezer entrance with door open

Time in Operation

Business Operation Time _____ Hours/Day
 % Door Open _____ %
 Door Operation Cycle† _____ cycles/hr
 Duration of Each Cycle† _____ min/cycle
 †-During peak operation

Air Curtain Mounting Preference

Mounting Location

- Warm side (preferred)
- Cold Side (cooler only)

Mounting Type

- Horizontal (over door)
 - Top Mount (using threaded rods)
 - Wall Mount
- Vertical Mount

Power Available (voltage/ph/Hz)

- 115/1/60
- 208-230/1/60
- 208-230/3/60
- 460/3/60
- 575/3/60
- Other _____

Additional Notes