

1. OVERVIEW

Freezing Systems and Service Inc. proposes a custom inline CO₂ cooling tunnel for cooked pizza to remove heat from pizza topping on various size pizza's at a rate of 90-110 pizzas a minute before entering mechanical spiral.

2. EQUIPMENT SPECIFICATIONS

FSS-TF-SD-1548 Single Door CO₂ Tunnel

Dimensions:

Overall Length	15 feet 0 inches
Height: (overall)	9 feet 0 inches
Width: (overall, doors open)	9 feet 0 inches
Width: (overall, doors closed)	6 feet 0 inches
Infeed and Exit Belt Height	45" with 8" adjustment

* Note: All above dimensions are approximate till final approval from customer.

Construction:

Stainless steel / Fully welded seams and panels /Glass bead finish/ 4" of insulation in panels
Stainless steel door seals/ cleanout doors and removable curtains for cleaning

Conveyor Belting:

Stainless Steel Cambridge grid ¾" pitch chain drive 40" overall with a 3" radius for belt

Cryogen:

Liquid Carbon Dioxide
Pressure Controller (manual adjustment) with temperature sensing override (optional)
High Impingement top snowing manifolds with independent shutoffs

Freezer Design:

Single Side Door
CIP clean freezer with pitched floors and collection cleanout trough
CIP belt spray manifold
Modular construction
6 Stainless steel top fan motors with variable speed
Stainless steel fan blades

Electrical:

208/230 or 440/480V- 3 phase
Nema 4X electrical boxes and wire troughs
Shamrock motor starters, overloads,
Omeron relays

2. EQUIPMENT SPECIFICATIONS (continued)

Electrical continued:

AC Tech variable speed drives with speed pots
Dry set of contacts to start and stop belt from customer supplied PLC
Dwyer Instrument and Controls for Temp logic

EXHAUST DUCTWORK:

Dual 12" dia Stainless Steel ducts, single-walled, un-insulated, with dual radial blade blowers

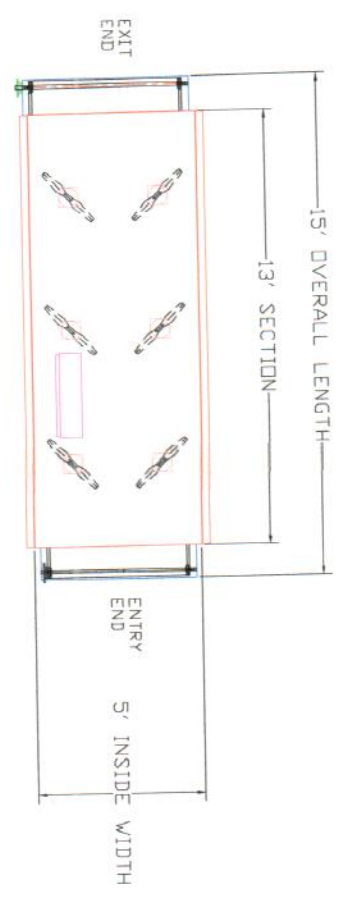
CO₂ PIPING

After onsite review the tank location has been changed and moved 260 feet further than original estimated location. The original quote was with 100 foot of VJ pipe from information that Home Run Inn provided to Air Liquide. The new Tank location will extend the piping to a total of 340-360 feet depending on roof restrictions that may arise. Due to the long length on the piping it is critical to run vacuum jacketed piping to avoid excess consumption of carbon dioxide in the long run of piping. The piping being quoted is a super insulated pipe that uses vacuum around the interior pipe to prevent any cold transfer or BTU loss that is created when liquid travels throughout the pipe line. The pipe is constructed of double wall stainless steel a pipe inside of a pipe one being bigger than the other and vacuum surrounding the inner annular space between the two. This will deliver the best quality of carbon dioxide or nitrogen in any piping system today. The piping can be used for either cryogenic liquids if your desire is to change your cryogenic usage. The piping is also flexible and can be rerouted to a different location at minimal installation cost. This piping will have a payback on upfront cost by saving capitol dollars being spent everyday in the cool down of freezer and piping system.

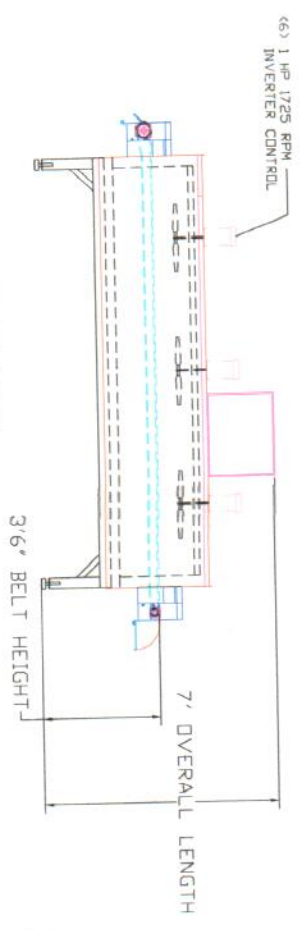
We have an opportunity to save considerable out of pocket costs to Home Run Inn on the purchase of the piping system due to an order that is being placed with another customer that we have an order for. The order must be placed by September 15th with a P.O. and paid for before September 26th with down payment of freezer. This will save you approximately 35% on your order that must be prepaid to save the cost's now rather than ordering later this is a deal we have with the manufacture we rep in order to get these savings. We will purchase about 90% of the order now and the final pieces will be determined about 6 weeks before install due to unforeseen accessories that will be needed to do final tie in to freezer and tank. The costs will be defined at end of quote.

Transfer Conveyor to spiral freezer

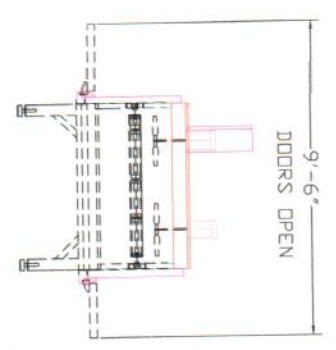
Item	Qty	Part No	Description
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TOP VIEW
WITH CONVEYOR SYSTEM



FRONT VIEW
WITHOUT CONVEYOR SYSTEM



SIDE VIEW
WITHOUT CONVEYOR SYSTEM

CONTRACT NO. 107-15-1000		DATE: 11/11/15	
PROJECT NO. 107-15-1000		PROJECT NAME: 107 Freyer RD	
CLIENT: 107 Freyer RD		LOCATION: Michigan, IN 46360	
MODEL: 857/SD/1548/CD		HOME RUN IN PIZZA	
SHEET NO. 0		SHEET TOTAL: 0	
DATE: 05-25-16		DATE: 05-25-16	
BY: 107-15-1000-00000		BY: 107-15-1000-00000	
CHECKED: 0		CHECKED: 0	
APPROVED: 0		APPROVED: 0	