



City of Madison Healthy Retail Access Program Application



APPLICANT INFORMATION

Primary Contact Name:	Cynthia Lee	Total Project Amount: \$477,295. Healthy Retail funds requested: \$150,000.00
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Agency/Organization Group Name (Legal Entity Name) and Address:	Madison Oriental Market 1197 N Sherman Av Madison, IW 53704
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Telephone #:	612-244-3180	Email: madorientalmark@outlook.com
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Applying as a:	Retailer <input checked="" type="checkbox"/>	Organization <input type="checkbox"/> (Must Fill out Form A)
Are you a SNAP-approved retailer through the US Department of Agriculture (USDA)?	YES <input checked="" type="checkbox"/> USDA FNS #: <u>0587497</u>	NO <input type="checkbox"/>

PROJECT INFORMATION

Please limit each answer to the space provided. You may attach additional information related to the questions and budget to this application.

Please describe, in detail, the proposed project:

- Remodeling to get the most out of available space
- Replacing and improving the coolers and freezers
 - Replacing coolers and freezers with closed-door coolers will save on energy and prolong the shelf life of our products, allowing us to carry and stock more fresh produce.
 - Enclosed produce coolers will allow for purchasing local produce from farmers in greater quantity for better pricing
- Getting new shelving to better display our products along with new lighting so we have better illumination
 - With new shelving we can display prices and use the extra space to broaden our product base so we can carry a more diverse selection
- Installing a full kitchen in the back with a HOOD
 - The kitchen will include a salad prep table, a meat case, a double-convection oven, and a range for soups and char grill for grilled vegetables.
 - With the addition of a kitchen, we can offer ready to eat meals to both the workers in neighboring stores and to the families who were receiving dinners from Kasjiab House, since they closed down in September 2018.
- Being able to upgrade our mode of transportation so we can carry more products on pickups from Chicago.
- Façade Improvement – we will repaint the backsplash and replace the sign to read, "Madison Oriental Market"

Please describe how the project improves access to healthy food in the neighborhood you serve:

We recognize that the Northside would benefit from another full-service grocery store to help meet the diverse food needs of our community. The Madison Oriental Market is well positioned to become that store with the right infrastructure, equipment, shelving and inventory upgrades. We are partnering with the Northside Planning Council and FEED Kitchens to assist us with development and promotions as we work towards meeting the food access needs of more of our residents.

Since we took over the store, there have been many breakdowns of old and outdated equipment. Repairs have been costly and time-consuming: we've had to spend time repairing the equipment ourselves or wait for someone to come out and repair it. It also has caused us to frequently lose much of our produce due to inconsistent temperatures. Plus, with years of grime on the equipment (i.e. the bandsaw, grease box), it is very hard to stay up to code on cleanliness.

There are also three deep chest freezers and a standing freezer that were modified by the previous owners and are not up to code and need to be replaced. The deep chest freezers (see photos) had their lids modified and are not efficient in maintaining stable temperatures and instead are constantly thawing and refreezing. The two stand-up freezers (see photos) were melded into one big freezer, which means if one were to break down (which they did earlier in the year), the entire unit is affected and everything has to be moved out or risk spoilage.

The shelf life of our products will increase once we replace and upgrade our coolers and freezers to more efficient, closed-door units, allowing us to keep them at a stable temperature that does not fluctuate. It also ensures that products stay at the optimal temperature and do not spoil. We will also be able to purchase more produce from local farmers in larger quantities, allowing us to carry a wider variety of produce and fresh meats. Also, we will no longer be at risk of losing all of our fresh products if one freezer or cooler breaks down.

We serve many different ethnic customers, including African American, Caucasian, Hmong, Lao, Cambodian, Latinos and many more. Having more shelving will help us carry and better organize more items that cater to each ethnicity. Being able to carry a wider range of African foods will help bring back more of our African customers, since right now we don't have enough shelf space for all that they need. Since the drop in our African customers, we have not been selling perishables as fast, which means that we do not buy them as often. This in turn means that when they need a large amount, we don't have it on hand, etc. We also want to expand our customer base to include more Latino and Indian foods and spices, since there are a growing number of people wanting to find those items closer to home. With additional product lines, we can also bring in new customers from the surrounding neighborhood so that they don't have to travel as far to get their groceries. Right now, most of these groceries are only available by traveling to Sun Prairie.

Lower and competitive pricing is also something that we want to work on, giving our customers the best quality groceries at a reasonable price. We want our customers to be able to stop here on their way home after work or for a regular grocery run and be able to find what they need.

Along with increased shelf space for a variety of items, replacing or updating the old equipment will make food safety and sanitation easier to maintain and prevent food spoilage happening when the equipment breaks down. It will also make packaging, preparing, cleaning and labeling our products go more smoothly so that we can keep our products stocked accordingly.

Please describe any organizational partners or other collaborators and their relationship to the project:

Alexander Company (Landlord) – contributing \$95,000 to the project in infrastructure repairs and sprinkler system installation

Madison Northside Planning Council – technical assistance, promotions, consulting, partnership

Madison Gas and Electric – MGE Shared Savings Program - LED Lighting package, MGE will purchase the lights and they're paid back through the savings on electricity bills, worth \$16,683 loan

Focus on Energy Business Program – cash incentives for installing energy efficient cooler doors, worth \$6,500

Martee's Consulting LLC – Revising the product mix and margins, connecting with additional suppliers for produce and dairy, in-kind \$10,000+

Please take some time to describe the types of technical assistance that you may need to help with completing the project. Some examples of technical assistance include: Business plan development, marketing assistance, financial planning, grant-writing assistance, market research, book-keeping, project management, etc.:

Web development – Help to create a website to promote the business

Financial planning; book-keeping; marketing assistance & store promotion
Learning how to run a more profitable business.

Please indicate a general timeline for the project:

Dec 2018 – July 2019

- Jan-April – develop proposal, business plan and projections, secure financing, submit HRAP application
- May – begin remodel
- June - Façade improvement
- Complete remodel at latest August and launch remodel Special event. We would remain open during the remodel project

BUDGET SUMMARY

Please Include a project budget that includes items such as construction costs, materials, labor, etc. Please include specifically how city dollars would be utilized within the project budget. Also include other funders, lenders, or in-kind supporters that are contributing to the project.

We are requesting the city invest in the equipment needed for remodeling our store to bring fresh food to the ethnic diverse customers on the Northside.

Item	Total Cost	Labor Cost (Estimate, if not available)	Amount of City Dollars Requested	Amount of Other Revenues/In-kind Support
26 door Freezer/Cooler	\$110,858	Included	\$110,000	\$858
Removal of old Freezer/Coolers	\$5,000		\$0	\$5,000
Architect	\$5,000.		\$0	\$5000
Lights/Electrical	\$42,000		10,000	32,000
Shelving	\$3,000		0	\$3,000
Plumbing/Drain	31,250		20,000	\$11,250
Equipment	34,829.		0	34,829
Build Out	105,000		10,000	95,000
Kitchen Hood	\$20,458		\$0	\$20,458
Install Hood	\$53,000		\$0	\$53,000
CAD Design Services	\$2,400		\$0	\$2,400
Web Developer	\$3,000		\$0	\$3,000
Van	\$32,000		\$0	\$32,000
Facade Improvement	\$10,000			\$10,000
Sprinkler System	19,500			\$19,500
TOTAL	477,295	0	\$150,000	\$327,295

DISCLAIMER AND SIGNATURE

I certify that my answers are true and complete to the best of my knowledge.

Signature:



Date: 4/01/19







Proposal



1775 Norman Way
Madison, Wi. 53705
ph. 608.843.1431

Date: 4/1/19

Customer: Oriental Market/Martee Mikalson

Home #:

Street: N. Sherman Av

Cell #:

City/State/Zip: Madison, WI.

Work #:

Madtown Builders proposes to furnish all listed material and labor necessary for the completion of the following job specification:

Work @ Oriental Market:

Permit fees	\$750.00
Demo existing back kitchen walls and drywall	\$3,500.00
Remove all existing ceiling tiles/grid	\$4,000.00
Install new grid in kitchen at 8'4" and rest of store full height w/ washable gridstone	\$29,850.00
Trench concrete/patch concrete for new cooler condensate lines	\$8,000.00
Demo walls in existing back work area	\$5,500.00
Frame new steel stud kitchen walls (full ceiling height), meat counter area(to fit display case) and half wall check out area (counters and wall caps by others)	\$13,200.00
Install 5/8 Type X sheetrock on all new framed walls and mud to a smooth finish (fire tape and 1 coat in all FRP install areas	\$9,200.00
FRP all new kitchen walls	\$19,500.00
Dumpster	\$3,500.00 allowance
Roof cutting and repair	\$4,500.00 allowance
Lift rental	\$3,000.00 allowance
Temp walls	\$2,000.00
Floor protection	\$1,000.00
Plumbing work	
Price to include installing all new Kessenich equipment	
-Allowance for state approved plans	
-Install vent for drain and install condensate line for coolers	
-Four compartment sink	
-Hand sink	

-Demo/supply and install new grease trap
-Removal of one toilet and partitions to make ADA bathroom, capping of water line and drain line (any finish work, tile work and concrete patching that has to be done because of this will be done at a T & M basis and will be met with a change order) **\$21,250.00**

Electrical work

Price to include Electrical permit

-Disconnection and relocation of existing wiring for existing coolers and freezers
-Replacement of 1 208V/120V 200 AMP 42 space panel with BR equivalent (Panel B)
-Installation and circuit wiring for power supply to 4 new freezer units
-Installation and circuit wiring for power supply to 2 new cooler units
-Installation of circuit wiring for condensing unit
-Installation of 208V 3 phase circuit wiring for existing meat bone saw
-Installation of circuit wiring for Red Meat Display Case
-Installation of circuit wiring for 2 convection ovens
-Installation of circuit wiring for sandwich/salad prep table
-Installation of circuit wiring for heated deli table
-Installation of power outlets and data line to point of sale area
-Installation of circuit wiring, control wiring and sensor wiring for Captive Aire hood vent, roof top equipment, control panel and ansul system
-Connect and supply wall heater for bathrooms

\$28,500.00

-Disconnection of wiring for and removal of 33 existing 2x4 T12 fluorescent lights
-Installation and provision of 33 new 2x4 flat LED panels (Luxrite or equivalent approximate. 50 watts each)

\$9,500.00

No flooring work included

No exterior work included

No gas piping included

Any code violation work or unseen conditions that cause work above and beyond the written contract will be met with a change order

GC fee of 7.5% will be added by Madtown Builders to any contracted work on this site

Madtown Builders proposes hereby to furnish material and labor with above specifications for the sum of Dollars(**00/100**). Payment schedule as follows...

Partial down payment negotiable/payments done on a construction draw schedule of every 3 weeks until complete

All material is guaranteed to be as specified and the work will be completed in a workmanlike manner in accordance to specifications. Any and all alterations or deviations from the stated specifications involving extra costs and materials will be executed only upon written orders. These changes turn into an extra charge, over and above the estimate. The owner of property to carry fire, tornado and other necessary insurance. Our workers are fully covered by insurance.

Submitted by: **Daniel M. Giese, Owner**

4/1/19

This proposal may be withdrawn if not accepted within **30** days.

Acceptance of Proposal:

The costs, materials, and specifications are satisfactory and are hereby accepted. I authorize Madtown Builders to perform the work as specified and payments will be made as summarized above.

Customer Signature: _____ Date: _____



Project:
 Madison Oriental Market
 1197 North Sherman Ave.
 Madison, WI 53704

From:
 Kessenich's Ltd
 Martee Mikalson
 3226 Progress Road
 Madison, WI 53716
 608-249-5391
 (608)906-4211 (Contact)

Job Reference Number: 9456

Item	Qty	Description	Sell	Sell Total
1	1 ea	FOUR (4) COMPARTMENT SINK  John Boos Model No. 4PB1620-2D24 Pro-Bowl Sink, 4-compartment, 115-1/4"W x 25-1/2"D x 44-1/16"H overall size, (4) 16"W x 20" front-to-back x 12" deep compartments, (2) 24" left & right drainboard, 10"H boxed backsplash with 45° top & 2" return, (2) sets of splash mount faucet holes with 8" centers, 3-1/2" die-stamped drain openings, 16/300 stainless steel construction, stainless steel legs, adjustable front & side bracing, & adjustable bullet feet, NSF, CSA-Sanitation	\$2,013.37	\$2,013.37
	1 ea	BES-R Right End Splash, 10"H with boxed end, stainless steel, each	\$141.19	\$141.19
	4 ea	PB-LWR-1 Twist Handle Lever Waste, for 3-1/2" industry standard sink opening, standard valve, basket strainer (includes an adapter for either 2" or 1-1/2" drain outlet)	\$48.17	\$192.68
			ITEM TOTAL:	\$2,347.24
11		PRICE CHANGES This is a budget quote and prices subject to change after 30 days. No mechanicals included in this quote.		
1B	1 ea	PRE-RINSE FAUCET ASSEMBLY  T&S Brass Model No. B-0133-B EasyInstall Pre-Rinse Unit, wall mount. base faucet with spring check cart. & lever handles, 2" dia. flanges with 1/2" NPT female eccentric flanged inlets, 35-1/2"H, 15" overhang, 8-1/4" clearance, 18" riser, (B-0107) spray valve, B-0044-H flex stainless steel hose, 6" wall bracket	\$333.37	\$333.37
	1 ea	B-0231 Sink Mixing Faucet, 12" swing nozzle, wall mounted, 8" centers on sink faucet with 1/2" IPS eccentric flanged female inlets, lever handles	\$136.68	\$136.68
			ITEM TOTAL:	\$470.05
2	1 ea	HAND SINK  John Boos Model No. PBHS-W-1410-X Pro-Bowl Hand Sink, wall mount, 14"W x 10" front-to-back x 5" deep bowl, splash mount faucet holes with 4" centers, 2" drain opening with basket drain, includes mounting bracket, all stainless steel construction, NSF, CSA-Sanitation (faucet NOT included) (FLYER NET PRICING FOR EFFINGHAM AND NEVADA)	\$87.50	\$87.50

Item	Qty	Description	Sell	Sell Total
	1 ea	Standard flyer accessories only, NO modifications to flyer items allowed or their accessories		
			ITEM TOTAL:	\$87.50
2A	1 ea	WALL / SPLASH MOUNT FAUCET T&S Brass Model No. B-1146-01 Workboard Faucet, wall mount, 4" centers, quarter-turn Eterna cartridges with spring checks, lever handles with color coded indexes, 2-15/16" swivel gooseneck faucet (131X-A22), 2.2 GPM aerator, polished chrome-plated escutcheon, 1/2" NPT male inlets, ADA compliant (replaces B-1146-01A)	\$117.66	\$117.66
				
			ITEM TOTAL:	\$117.66
2B	2 ea	WRIST ACTION HANDLE T&S Brass Model No. B-WH6 Wrist Action Handle	\$30.73	\$61.46
				
			ITEM TOTAL:	\$61.46
3	1 ea	CONVECTION OVEN, GAS Vulcan Model No. VC44GD Convection Oven, gas, double-deck, standard depth, solid state controls, electronic spark igniters, 60 minute timer, (5) nickel plated racks per oven, 8" high legs, stainless steel front, top and sides, stainless steel doors with windows, 50,000 BTU each section, NSF, CSA Star, CSA Flame, ENERGY STAR®	\$7,500.00	\$7,500.00
				
	1 ea	1 year limited parts & labor warranty, standard		
	1 ea	Natural gas (add -1 suffix) (specify elevation if over 2,000 ft.)		
	1 ea	(2) 120v/60/1-ph, (2) 1/2 HP, 16.0 amps total, (2) 6' cords with plugs, NEMA 5-15P, standard		
	1 ea	Gas manifold piping included with stacking kit to provide single point gas connection		
	1 st	Casters, set of (4) in lieu of standard legs	\$67.88	\$67.88
	2 ea	Dormont 1675KIT2S48 Dormont Blue Hose™ Moveable Gas Connector Kit, 3/4" inside dia., 48" long, covered with stainless steel braid, coated with blue antimicrobial PVC, 1 SnapFast® QD, 2 Swivel MAX®, 1 full port valve, coiled restraining cable with hardware, 160,000 BTU/hr minimum flow capacity, limited lifetime warranty	\$225.56	\$451.12
			ITEM TOTAL:	\$8,019.00
4	1 ea	CHARBROILER, GAS, COUNTERTOP Globe Model No. C36CB-SR Chefmate™ 36" Gas Charbroiler, 10 gauge stainless steel radiant, lift off cooktop, 35,000 BTUs burner, U-style burner provides heat control every 12" and flame every 6", stainless steel construction, heavy-duty cast iron grates with (3) adjustable grilling positions, 4" back and side splash, adjustable pilots with front access, cool-to-touch front edge, adjustable legs with stainless steel feet, field convertible to radiant or combination, Natural Gas with LP conversion kit included, CSA Sanitation, NSF (NSF/ANSI 4), CSA Blue Star	\$1,298.93	\$1,298.93
				

Item	Qty	Description	Sell	Sell Total
	1 ea	1-year parts & labor warranty (excludes wear/expendable parts) (contact factory for details)		
			ITEM TOTAL:	\$1,298.93
4A	1 ea	EQUIPMENT STAND John Boos Model No. EES8-3036SSK-X Equipment Stand, open base, 36"W x 30"D x 24"H, 18/430 stainless steel top with 1-1/2" turned up edge on back & both sides, stainless steel legs & adjustable undershelf, plastic bullet feet, NSF, KD (FLYER NET PRICING FOR EFFINGHAM AND NEVADA)	\$317.65	\$317.65
	1 ea	Standard flyer accessories only, NO modifications to flyer items allowed or their accessories		
			ITEM TOTAL:	\$317.65
5	1 ea	RANGE, 36", 6 OPEN BURNERS Vulcan Model No. 36S-6B Endurance™ Restaurant Range, gas, 36", (6) 30,000 BTU burners, lift-off burner heads, standard oven, stainless steel front, sides, backriser, & lift-off high shelf, fully MIG welded chassis, 6" adjustable legs, 215,000 BTU, CSA, NSF	\$2,711.11	\$2,711.11
	1 ea	1 year limited parts & labor warranty, standard		
	1 ea	Natural gas (add -1 suffix) (specify elevation if over 2,000 ft.)		
	1 ea	Stainless steel backriser and lift-off high shelf, standard		
	1 st	CASTERS RR4 Casters (set of 4)	\$333.95	\$333.95
	1 ea	Dormont 1675KIT2S48 Dormont Blue Hose™ Moveable Gas Connector Kit, 3/4" inside dia., 48" long, covered with stainless steel braid, coated with blue antimicrobial PVC, 1 SnapFast® QD, 2 Swivel MAX®, 1 full port valve, coiled restraining cable with hardware, 160,000 BTU/hr minimum flow capacity, limited lifetime warranty	\$225.56	\$225.56
			ITEM TOTAL:	\$3,270.62
6	1 ea	SANDWICH / SALAD PREPARATION REFRIGERATOR Nor-Lake Model No. NLSP60-16A AdvantEDGE™ Refrigerated Sandwich Top, two section, 16.2 cubic feet, (16) 1/6 pans included, front-breathing refrigeration system design allows zero-clearance installation on both sides & back, removable condenser filter screen for easy condenser coil cleaning, (2) doors, (2) adjustable heavy-duty shelves, cutting board, stainless steel interior & exterior, 32° to 40°F operating temperature, rear mounted self-contained refrigeration, 6" casters, 3/8 HP, 115v/60/1-ph, 9' cord, NEMA 5-15P, 5.2 amps, cULus, UL EPH Classified, Made in USA	\$2,761.65	\$2,761.65
	1 ea	Standard warranty: 3 year parts and labor warranty, 5 year compressor		
	1 ea	Replacement Parts warranty: 90 day warranty on replacement parts		
			ITEM TOTAL:	\$2,761.65
7	1 ea	EXHAUST HOOD Captive Aire Model No. 6018SND-2-PSP-F 6018SND-2-PSP-F - 11ft 0" Long Sloped Exhaust-Only Wall Canopy Hood with Front Perforated Supply Plenum with Built-in 3" Back Standoff - 430 SS Where Exposed - Fire Cabinet Wall Mounted 12.00" Width x 48.00" Length x 24.00"	\$20,458.69	\$20,458.69

Initial: _____

Item	Qty	Description	Sell	Sell Total
		<p>Height x1</p> <ul style="list-style-type: none"> - FILTER - 20" tall x 16" (19.625" by 15.625") wide Stainless Steel Captrate Solo filter with hook, ETL Listed. Particulate capture efficiency: 85% efficient at 9 microns, 76% efficient at 5 microns. Used on hoods shipped AFTER 7/27/17. - L55 Series E26 Canopy Light Fixture - High Temp Assembly, Includes Clear Thermal and Shock Resistant Globe (L55 Fixture), Bulbs By Others - EXHAUST RISER - Factory installed 10" X 24" X 4" x1 - SUPPLY RISER - 8"x 36" Supply Riser with Volume Dampers x3 - 1/2 Pint Grease Cup New Style, Flanged Slotted x2 - FIELD WRAPPER 4.00" High Front, Left x1 - Electrical Package Installation in Utility Cabinet by Plant. x1 - BACKSPLASH 78.00" High X 133.00" Long 430 SS Vertical (Includes End Caps & Divider Bars) x1 - BACKSPLASH 100.00" High X 18.00" Long 430 SS Vertical (Includes End Caps & Divider Bars) x1 - BACKSPLASH 100.00" High X 18.00" Long 430 SS Vertical (Includes End Caps & Divider Bars) x1 - RIGHT SIDESPLASH 84.00" High X 60.00" Long 430 SS Vertical (Includes End Caps & Divider Bars) x1 - RIGHT END STANDOFF(FIN/SLP) 1" Wide 60" Long Insulated x1 - INSULATION FOR BACK OF HOOD x1 - LEFT VERTICAL END PANEL 27" Top Width, 21" Bottom Width, 72" High Insulated 430 SS x1 - RIGHT WALL AS END PANEL <p>ANSUL-3.0/3.0-WC Ansul 6 gallon Fire System in Wall Mounted Utility Cabinet (includes pre-piped hood(s) with detection, tank(s), release mechanism, microswitches and pull station).</p> <p>Includes piping for hood: 1.</p> <p>DU180HFA High Speed Direct Drive Centrifugal Upblast Exhaust Fan with, disconnect switch and 18-3/4" wheel. Exhaust Fan handles 2500 CFM @ -1.100" wc ESP, Fan runs at 1121 RPM. Exhaust Motor: 1.000 HP, 3 Phs, 208 V, 60Hz, 3.8 FLA, ODP, Premium (E-Plus3) Eff.</p> <ul style="list-style-type: none"> - Grease Cup for kitchen-duty centrifugal exhaust fans, Box Dimensions 17-1/8 L X 5-1/16 W X 3-3/4 H (18 GA.) (Includes Down Spout) - Curb CRB26.5x20E Insulated On Fan #1 Flat Curb x1 - Hinged Base for Curb. Standard Hinge attached to curb. Used on Fans with wheels 20 inches or smaller. 12 GA Galvanized. - Vented Base for Curb x1 <p>Fan #2 A1-D.250-G10 - Heater - Job #3689084</p> <p>A1-D.250-G10 Direct Gas Fired Heated Make Up Air Unit with 10" Blower</p> <p>Supply Fan handles 1900 CFM @ 0.500" wc ESP, Fan runs at 1058 RPM. Heater supplies 171891 BTUs. 90°F Temperature Rise. [Fuel: Natural</p>		

Item	Qty	Description	Sell	Sell Total
		<p>Gas]</p> <p>Supply Motor: 1.000 HP, 3 Phase, 208 V, 60Hz, 3.4 FLA, ODP (Open Drip Proof)</p> <p>Down Discharge - Air Flow Right -> Left</p> <p>- Sloped Filtered Intake for Size #1 Modular Heater. 21.813" Wide x 44.375" Long x 23.375" High. Includes 2" MV EZ Kleen Metal Mesh Filters.</p> <p>RTC Solutions • 4090°F Discharge Temp Control • Remote Panel • For Use With Pre-Wire</p> <p>- Gas Manifold for DF1 GM - BTU 0 - 550001 - 7 in. w.c. - 14 in. w.c., No Insurance Requirement (ANSI), BV250-66x1-Motorized Back Draft Damper 16" X 18" for Size 1 Standard & Modular Heater Units w/Extended Shaft, Standard Galvanized Construction, 3/4" Rear Flange, Low Leakage, TFB120S Actuator Included</p> <p>- Low Fire Start. Allows the burner circuit to energize when the modulation control is in a low fire position. x1</p> <p>- Gas Pressure Gauge, 0-35", 2.5" Diameter, 1/4" Thread Size x1</p> <p>- Gas Pressure Gauge, -5 to +15 Inches Wc., 2.5" Diameter, 1/4" Thread Size x1</p> <p>- Separate 120VAC Wiring Package for Make-Up Air Units. Option must be selected when mounting VFD in prewire panel or with DCV package. Provides separate 120VAC input to supply fan. This 120V signal must be run by electrician from DCV to mua switch.</p> <p>- Curb CRB21X71X20INS Insulated On Fan #2 Flat Curb Electrical System #1 - Job #3689084</p> <p>Heater Remote Heater Remote Panel Mounted in Face of Hood or Prewire.</p> <p>See Heater Temperature Control and Panel Schematic for Details.</p> <p>- 1st Switch</p> <p>Electrical System #2 - Job #3689084</p> <p>DCV-1111 Demand Control Ventilation, w/ control for 1 Exhaust Fan, 1 Supply Fan, Exhaust on in Fire, Lights out in Fire, Fans modulate based on duct temperature. INVERTER DUTY 3 PHASE MOTOR REQUIRED FOR USE WITH VFD. Room temperature sensor shipped loose for field installation. Verify distance between VFD and Motor; additional cost could apply if distance exceeds 50 feet. Includes 1 Duct Thermostat kit.</p> <p>- ESV751N02YXB571 - Variable Frequency Drive - 1 HP Max., 200/240 V, Single or Three Phase Input, 4.2 A Max., NEMA 1 Enclosure, with 2RJ-45 FOR MODBUS</p> <p>- ESV751N02YXB571 - Variable Frequency Drive - 1 HP Max., 200/240 V, Single or Three Phase Input, 4.2 A Max., NEMA 1 Enclosure, with 2RJ-45 FOR MODBUS</p> <p>- CASLink building monitoring system communications module. Requires internet & field wired ethernet connection or 3G cellular service. Includes Rev 3 Comm Module, RJ45 to modbus converter, 3 FT cat5 cable, and 1 FT of shielded twisted pair.</p>		

Item	Qty	Description	Sell	Sell Total
		- Digital Prewire Lighting Relay Kit. Includes hood lighting relay & terminal blocks. Allows for up to 1400W of lighting each. Service Design Verification for CASLink Ethernet. x1 Service Design Verification for Demand Control Ventilation x1 Service Design Verification for Direct Fired Heater x1 Service Design Verification for Exhaust Fan x1 Service Design Verification for Hood x1 Service Design Verification Mileage Charge: (67) x 2 = 134 total miles		
			ITEM TOTAL:	\$20,458.69
7A	1 ea	INSTALL Custom Model No. HOOD Install of HOOD by Harker includes hanging hood, SS backsplash all duct work, moving existing cold air return to new location	\$53,000.00	\$53,000.00
			ITEM TOTAL:	\$53,000.00
8	1 ea	MEAT BONE SAW, ELECTRIC Hobart Model No. 6801+BUILDUP Meat Saw, vertical blade, 16" Pulleys, 4150 fpm, 3 Hp motor, direct gear transmission, stainless steel open frame design, push/pull switch, moveable-lockable carriage tray, two piece stationary rear cutting table, adjustable legs (2" movement), hose down capability		
	1 ea	Standard warranty - 1-Year parts, labor & travel time during normal working hours within the USA		
	1 ea	6801-22 208-240/60/3 Voltage Specification, Canada Configuration, Standard Packaging, without Cord & Plug *** EXISTING***		
9	1 ea	DISPLAY CASE, RED MEAT Howard-McCray Model No. R-CMS35-6 Red Meat Service Case, double duty, 71"W, full length gravity coil system, upper & lower compartments, extra full length humidity coil at the main deck, stainless steel top, white interior & exterior, R404A expansion valve included, remote condensing units & other hook ups are not included, 115v/60/1-ph, 1.3 amps, 2100 BTU	\$4,466.60	\$4,466.60
	1 ea	1 year parts & labor warranty, standard		
	1 ea	SHELFLED-XX-6 Solid State LED Lighting, (1) row shelf, per 6' section	\$218.96	\$218.96
	1 ea	MEZZ-6-35 One Row of Shelves with Brackets 1 - 6 ft. set	\$188.60	\$188.60
	1 ea	PIL-6-35 Pilaster to Hold The mezzanine Shelf, (1) set for 6 ft. case	\$64.40	\$64.40
	1 ea	DT Digital Thermometer	\$103.50	\$103.50
			ITEM TOTAL:	\$5,042.06
10	1 ea	DISPLAY CASE, HEATED DELI, COUNTERTOP Hatco Model No. GRHD-3P Glo-Ray® Heated Display Case, countertop, see-thru design, (3) pan single shelf, pre-focused infrared top heat, tempered glass sides, rear sliding doors, stainless steel & aluminum construction, with 4" legs, cULus, UL EPH Classified, Made in USA ***EXISTING***		
	1 ea	NOTE: Sale of this product must comply with Hatco's Minimum Resale Price Policy; consult order acknowledgement for details		
	1 ea	NOTE: Includes 24/7 parts & service assistance, call 800-558-0607		

Item	Qty	Description	Sell	Sell Total
	1 ea	120v/60/1-ph, 1350 watts, 11.3 amps, NEMA 5-15P (Domestic voltage), standard		
	1 ea	SS Stainless steel (Available at time of purchase only)		

Merchandise	\$97,252.51
Freight	\$1,400.75
Installation	\$3,600.00
Tax 5.5%	\$5,348.89
Total	\$107,602.15

These prices do not include shipping or sales tax unless otherwise noted.
 Unless noted otherwise, quotes are good for 30 days.

Order & Return Policy: Stock products may be returned unused and undamaged, in saleable condition with original packaging within 60 days from purchase for full credit. Non-stock/Special orders require signature and full payment (including freight and taxes) at time of order. Special order items returned unused and undamaged within 30 days from date of purchase will be charged a 30% restock fee plus return freight. Refunds will be available after Kessenich's receives the manufacturer's credit. Items not claimed within 6 months will be charged all manufacturer's restock fees. Custom-made products require signature and full payment (including freight and taxes) at time of order. Items are not returnable or refundable. Contact Kessenich's Ltd for full terms and conditions.

Acceptance: _____ Date: _____

Printed Name: _____

Project Grand Total: \$107,602.15

PROPOSAL

MADIGAN REFRIGERATION & ENERGY SYSTEMS, INC.
W9257 Old Highway 60
Lodi, WI 53555-9489
800-571-0126 or 608-592-4507
FAX 608-592-4875

Proposal submitted to
Oriental Market

Phone
608-240-0846

Date
01/18/19

PAGE 1 OF 2

Street
1197 N. Sherman Ave.

Job Name
REF – Oriental Market

City, State, Zip
Madison, WI 53704

Job Location
Madison, WI

Contact
Martee

FAX

We propose hereby to furnish material and labor - complete in accordance with specifications and sum listed below.

Payment to be made as follows:

25% DOWN; 50% EQUIPMENT ARRIVAL; AND 25% UPON COMPLETION

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from specifications below involving extra costs will be executed only upon written orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents, or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by Workmen's Compensation Insurance.

Authorized Signature _____

Note: This proposal may be withdrawn by us if not accepted within 90 days.

* * * * *

We hereby submit specifications and estimates for:

SCOPE:

16 Doors Frozen Food

1. One (1) 16 door run of new Zero Zone RHZC30 freezer doors. Case features: black interior and exterior, six (6) rows of shelves, electric defrost, and 4000K LED door lighting. Case refrigeration will be one (1) outdoor condensing unit located behind the building. Complete refrigeration installation includes labor, refrigeration controls, copper tubing, fittings, refrigerant, sight glass, driers, pull vacuum on system, leak check, start-up, adjust controls, and check operation.

10 Doors Cooler

2. One (1) 10 door run of new Zero Zone RHCC30 cooler doors. Case features: black interior and exterior, six (6) rows of shelves, air defrost, and 3500K LED door lighting. Case refrigeration will be two (2) outdoor condensing units (one unit for each case, so they can run different temperatures) located behind the building. Complete refrigeration installation includes labor, refrigeration controls, copper tubing, fittings, refrigerant, sight glass, driers, pull vacuum on system, leak check, start-up, adjust controls, and check operation.

Demo

3. Demo figured into the bid includes removal and disposal of the following refrigeration equipment.
- 24' Produce case and refrigeration unit.
 - 12' Produce case and refrigeration unit.
 - 6-door freezer and refrigeration unit.
 - 2: 3-door self-contained freezers.
 - 3: Chest freezers.

Temporary Refrigeration Unit

4. Madigan Refrigeration will supply one (1) 5'X7' portable freezer trailer to be used for a period of 3-weeks during the time of the remodel.

Total Bid: \$114,858.00– Plus Applicable Sales Tax and Freight

PROPOSAL

MADIGAN REFRIGERATION & ENERGY SYSTEMS, INC.
W9257 Old Highway 60
Lodi, WI 53555-9489
800-571-0126 or 608-592-4507
FAX 608-592-4875

Proposal submitted to
Oriental Market

Phone
608-240-0846

Date
01/18/19

PAGE 2 OF 2

Street
1197 N. Sherman Ave.

Job Name
REF – Oriental Market

City, State, Zip
Madison, WI 53704

Job Location
Madison, WI

Contact
Martee

FAX

* * * * *

Continued:

WARRANTY: One (1) year labor and one (1) year parts.
Warranty by Madigan Refrigeration if equipment is supplied and installed by Madigan Refrigeration.

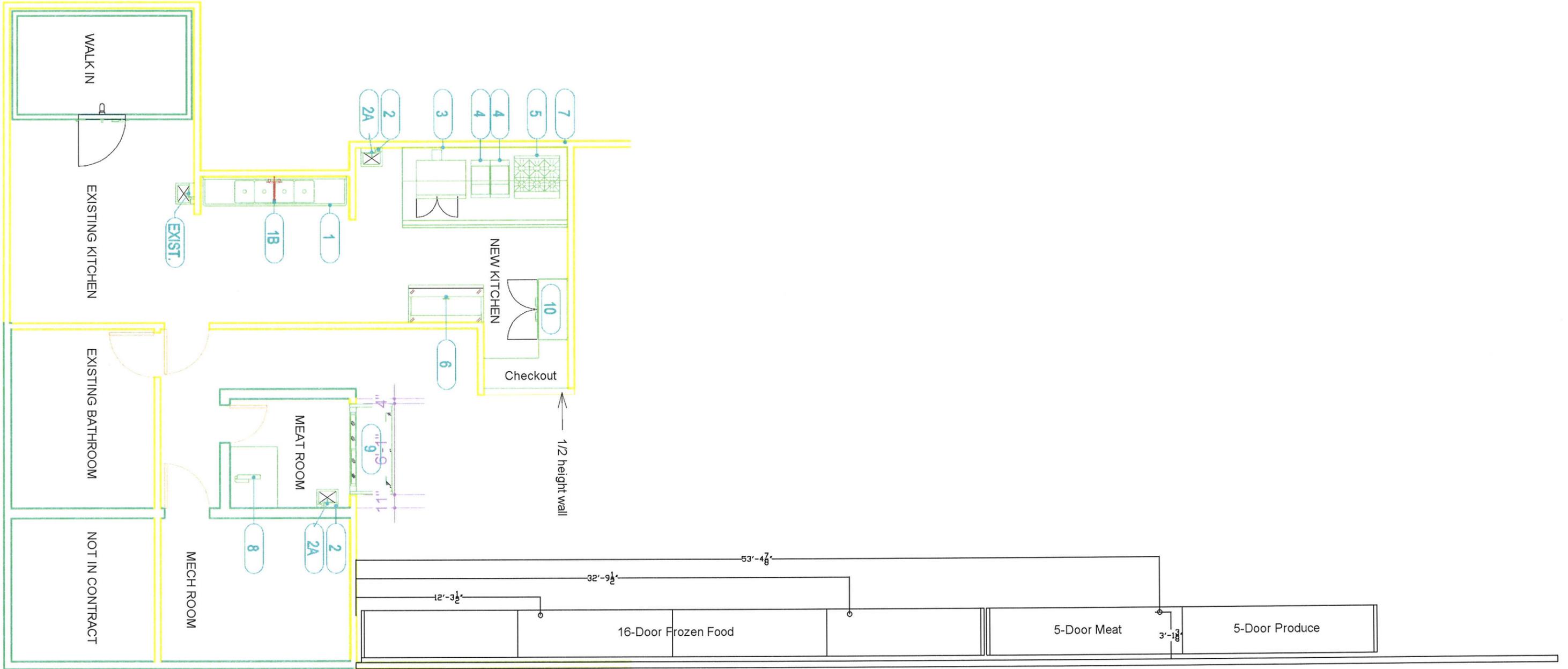
NOTE: Building penetrations required for the refrigeration lines and / or install and removal of the refrigeration equipment to be provided by others. Roofing for roof penetrations is by others. Also, all electrical, plumbing, and concrete is by others. Permit fees, where applicable, by others.

Freight is approximately \$1,000.00 – Not included in Bid

Acceptance of Proposal - The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

Signature

Date of Acceptance





RefPlus Inc.
 2777, Grande-Allée
 St-Hubert, (QC), J4T 2R4
 Tél : (450) 641-2665
 Fax : (450) 641-4554

Quote #	Item #
034179-A	1

OEH-009-1H7-2

General Informations

Ambient Temperature :	100	°F	Capacity :	8.26	mbh
Saturated Suction Temp. :	25	°F		(0.69)	tons
Unit SST Range Capability :	10 to 50	°F	Estimated Unit Weight :	154.00	lbs
Refrigerant Type :	R-407C		<i>The estimated unit weight does not include options weight.</i>		
Not AHRI 210/240 certified.			Unit Type :	Outdoor Air Cooled	
			Model Status :	Standard Catalog	

Electrical Summary Data

Unit Voltage :	240/1/60	A	Unit MCA :	10.58	A
Unit MOP :	15	A			
Control Voltage :	240/1/60	V			

Fan(s) Data

Fan Motor Type :	Single Speed		Fan Arrangement :	1 X 1	
Fan Motor HP :	0.08	HP	Fan Motor Total FLA :	0.45	A
Fan Motor RPM :	1550	RPM			
Fan Motor FLA :	0.45	A			

Condenser Coil(s) Data

Total Summer Charge :	0.90	lbs
Total Winter Charge :	2.20	lbs
Fin Material :	Aluminium	
Tube Material :	Riffle Copper	

Compressor(s) Data

Circuit Quantity :	1	Compressor Type :	HERMETIC
		Compressor Brand :	COPELAND

Circuit #1

Compressor Model : RST64C1E-CAV

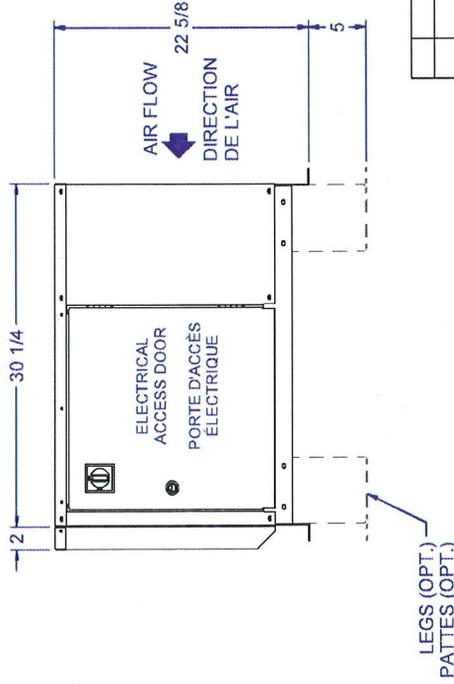
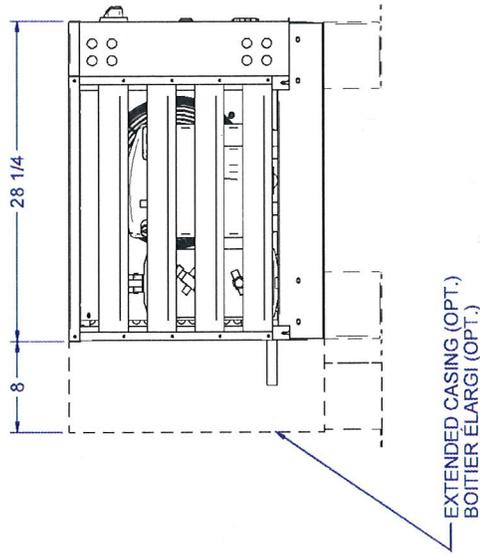
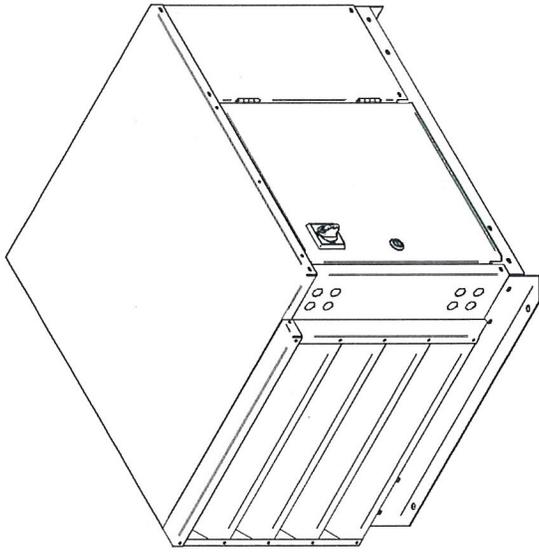
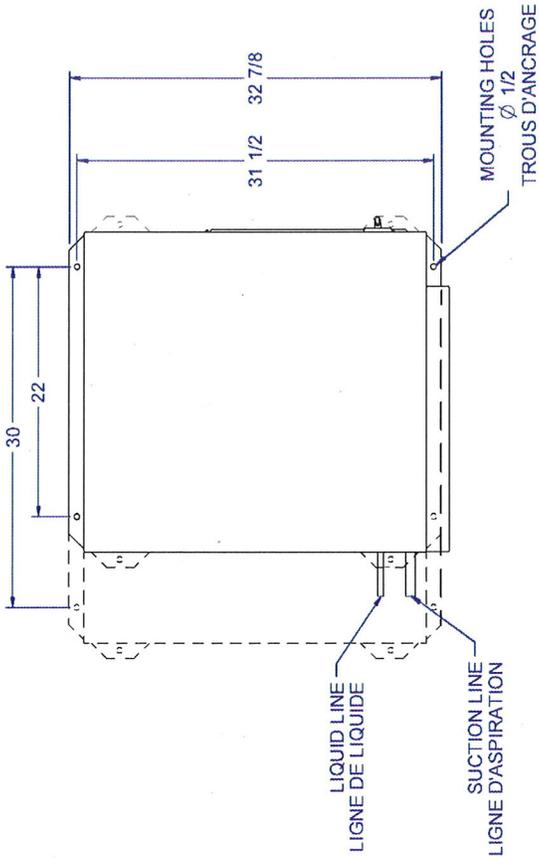
Unloader : None

RLA (MCC/1.56) :	8.10	A
LRA :	43.00	A
Liquid Connection Size :	3/8 "	
Suction Connection Size :	1/2 "	
Discharge Connection Size :	3/8 "	

Receiver(s) Data

Receiver #1 (Optional / Oversized)

Model :	6 " X 12 "	
Total Charge :	9.5	lbs



Rev.	Date	Par/By	Description



2777, Grande-Allée
St-Hubert, Québec
CANADA, J4T 2R4
Tel: (450) 641-2665
Fax: (450) 923-5210
www.refplus.com

Modèle / Model :		OEH / OEZ - 005 @ 010
Par / By :	MC	Date : 2015-04-21
Numéro Dessin / Drawing Number		Rev.
OEH - 010		

Note:
À moins d'avis contraire, les dimensions sont en pouces / Unless otherwise specified, dimensions are in inches.
Tolerances / Tolerances
Frac: ± 1/8 Dec: ---- Ang: ± 2°
Non à l'échelle / Not to scale

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Highlight Merchandiser® RHCC30 & RHCC30BB Specs

Medium Temp Reach-Ins with 30" x 68" CoolView® Envision® Doors

Energy Data

REFRIGERATION

	LINEUP DATA	INDIVIDUAL CASE DATA (Includes 1 Pair of End Panels)			
	Per Door Avg.	2-Door	3-Door	4-Door	5-Door
Evaporator Temperature (°F)	28	28	28	28	28
Baseline Btuh ^{1,2}	420	1,010	1,410	1,810	2,200
Discharge Air Temp. (°F) (w/ 8°F Superheat)	33	33	33	33	33
Btuh Deducts	Btuh				
Back-To-Back (Model BB)	-40				
Btuh Adders	Btuh				
Optional Glass Windowed End Panel (Each)	175				
Anti-Sweat High Humidity Package	120				
Glycol Data *		2-Door	3-Door	4-Door	5-Door
Flow Rate (GPM)		0.8	1.2	1.6	2.0
Pressure Drop (PSIG)		5.6	4.9	3.1	2.7

* All glycol data based on 35% Propylene Glycol by weight, 20°F Supply Temperature, and 24°-26°F Outlet Temperature.

ELECTRICAL DATA ³

	Per Door Avg.		2-Door		3-Door		4-Door		5-Door	
	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts
Fan Motors (115V) ⁴										
High Efficiency Electronic (SSC/ECM)	0.30	11	0.60	22	0.90	33	1.20	44	1.50	55
Lighting System (120V)	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts
LED Lighting (Zero Zone ChillBrite™ 5)	0.15	18	0.29	35	0.44	53	0.59	70	0.73	88
Anti-Sweat Heat (115V) ⁵	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts
No-Energy Doors (Zero Zone CoolView® Envision®)	0.16	18	0.31	36	0.47	54	0.63	72	0.78	90
High Humidity Package (Zero Zone CoolView® Envision®) ⁶	0.57	66	1.14	131	1.71	197	2.29	263	2.86	329
Solid Doors	0.16	18	0.31	36	0.47	54	0.63	72	0.78	90

Notes:

1. Baseline Evaporator Btuh based on parallel rack system, LED lighting (Zero Zone ChillBrite™ 5), no-energy doors (Zero Zone CoolView® Envision®), and SSC electronic fan motors.
2. For condensing units (non-rack system), multiply total Btuh rating by 1.08.
3. Amps are based on electrical nameplate values, watts are based on laboratory observations of actual energy use.
4. One fan motor per door.
5. Door (Anti-Sweat) Options: no-energy = no-heat glass and no-heat rails; heat option = heated glass, heated rails, and heated sill; solid doors = no-heat rails. All door options include mullion heat.
6. Anti-Sweat Controller required for the heat option to comply with DOE energy requirements.

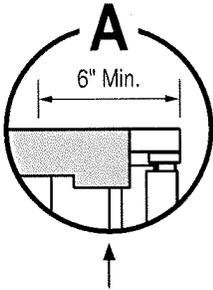
Physical Data

Baseline R-404A Refrigeration Piping	Outlet Size (in.)	# of Doors	Weight (lbs.)		Facings (ft. ²)	Case Capacity	
			RHCC30	RHCC30BB		Packout (ft. ³)	22"/24" Shelves
Suction Line O.D. (Std. Refrig. Exit)	1/2	2	720	1,380	27.8	51.0	55.6
2 to 3-Door Suction Line O.D. (Top Refrig.)	3/8	3	970	1,860	41.4	76.0	82.9
4 to 5-Door Suction Line O.D. (Top Refrig.)	1/2	4	1,280	2,460	55.1	101.0	110.1
2 to 3-Door Liquid Line O.D.	1/4	5	1,585	3,050	68.7	125.9	137.4
4 to 5-Door Liquid Line O.D.	3/8	Solid End Panel	30	60	N/A	N/A	N/A

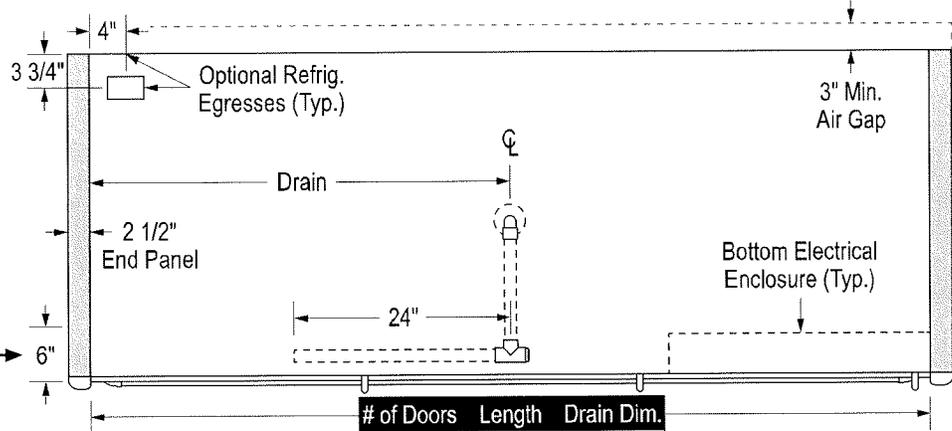


Highlight Merchandiser® RHCC30 & RHCC30BB Specs

Medium Temp Reach-Ins with 30" x 68" CoolView® Envision® Doors

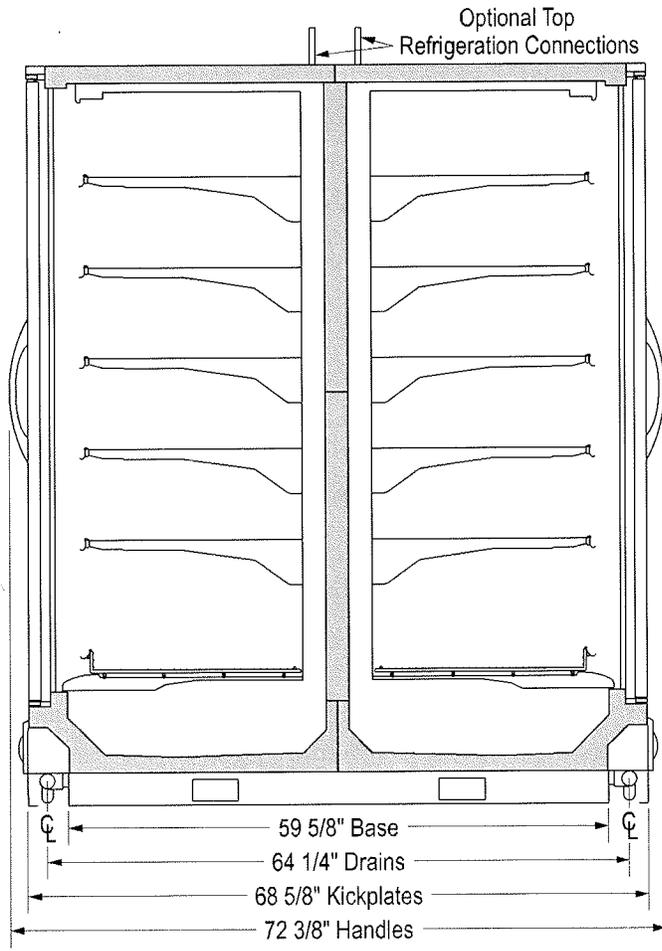
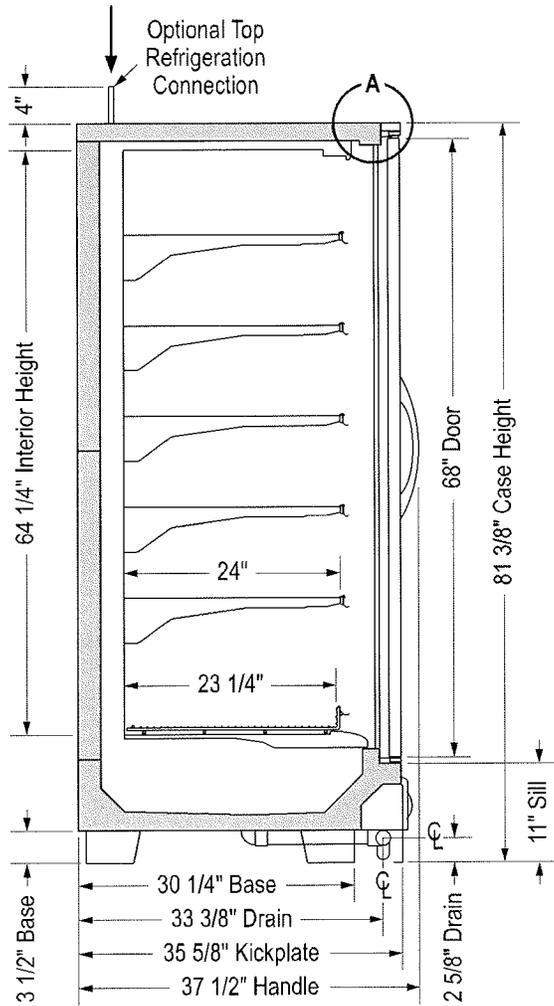


Building soffits must be set back at least 6" from the front of the doors to allow access to electrical wiring on the top of the case.



# of Doors	Length	Drain Dim.
2	62 1/8"	31"
3	92 1/2"	46 1/4"
4	123"	61 1/2"
5	153 3/8"	76 3/4"

Top refrigeration connections increase case height by up to 4".



12/27/18

Specifications are subject to change without notice. All dimensions are nominal.
Case designed to operate in an ambient temperature of 75°F and relative humidity of 55% or lower.



Zero Zone, Inc. | 110 N Oakridge Drive | North Prairie, WI 53153-9792
Toll Free: 800-247-4496 | Fax: 262-392-6450
www.zero-zone.com

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Intertek



RefPlus Inc.
 2777, Grande-Allée
 St-Hubert, (QC), J4T 2R4
 Tél : (450) 641-2665
 Fax : (450) 641-4554

Quote #	Item #
034179-A	2

OEZ-060-1L6-5

General Informations

Ambient Temperature :	100	°F	Capacity :	26.92	mbh
Saturated Suction Temp. :	-15	°F		(2.24)	tons
Unit SST Range Capability :	-40 to 0	°F	Estimated Unit Weight :	413.00	lbs
Refrigerant Type :	R-407A		The estimated unit weight does not include options weight.		
			Unit Type :	Outdoor Air Cooled	
			Model Status :	Standard Catalog	

Electrical Summary Data

Unit Voltage :	208-240/3/60	A	Unit MCA :	32.88	A
Unit MOP :	50	A			
Control Voltage :	240/1/60	V			

Fan(s) Data

Fan Motor Type :	Single Speed		Fan Arrangement :	1 X 1	
Fan Motor HP :	0.50	HP	Fan Motor Total FLA :	4.00	A
Fan Motor RPM :	1075	RPM			
Fan Motor FLA :	4.00	A			

Condenser Coil(s) Data

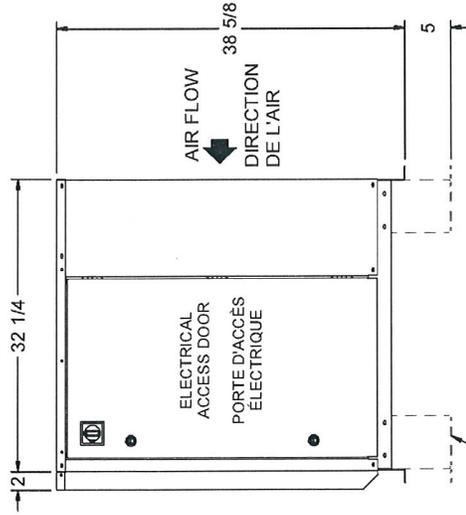
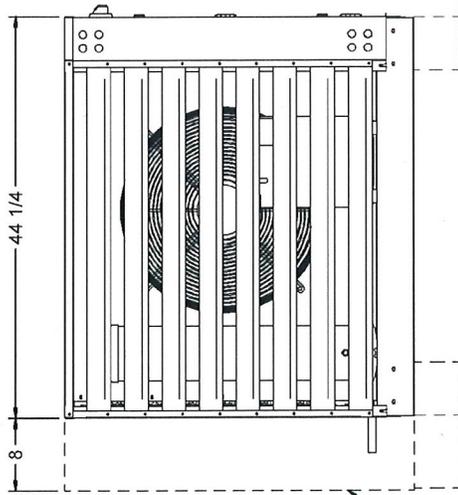
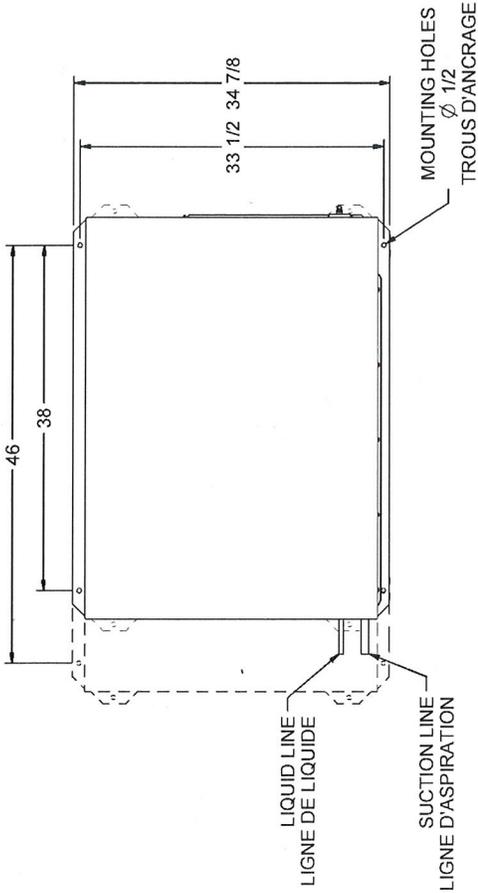
Total Summer Charge :	5.30	lbs
Total Winter Charge :	13.20	lbs
Fin Material :	Aluminium	
Tube Material :	Riffle Copper	

Compressor(s) Data

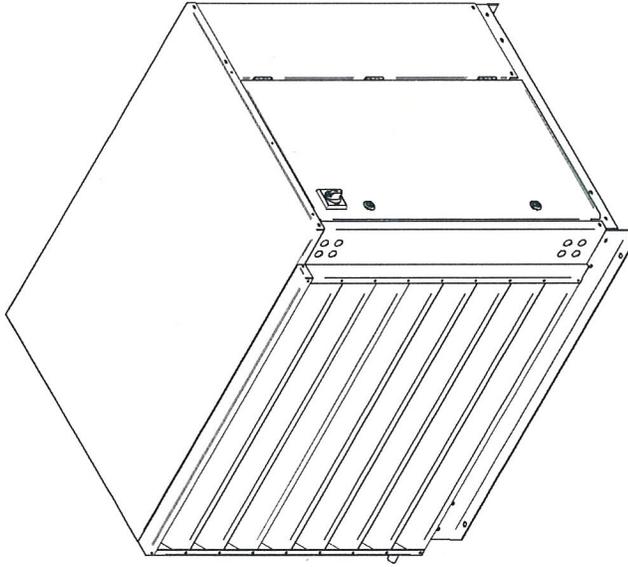
Circuit Quantity :	1	Compressor Type :	SCROLL
		Compressor Brand :	COPELAND
<u>Circuit #1</u>			
Compressor Model :	ZF25K4E-TF5		
Unloader :	None		
RLA (MCC/1.56) :	23.10	A	
LRA :	224.00	A	
Liquid Connection Size :	5/8 "		
Suction Connection Size :	1 1/8 "		
Discharge Connection Size :	1/2 "		

Receiver(s) Data

<u>Receiver #1</u>			
Model :	6 " X 30 "		
Total Charge :	28.0	lbs	



LEGS (OPT.)
PATTES (OPT.)



Rev.	Date	Par/By	Description



2777, Grande-Allée
St-Hubert, Québec
CANADA, J4T 2R4
Tel: (450) 641-2665
Fax: (450) 923-5210
www.replus.com

Modèle / Model: OEH / OEZ -046 @ 060	
Par / By: M.C.	Date: 2015-04-22
Numéro Dessin / Drawing Number: OEH - 055	
Rev.	

À moins d'avis contraire, les dimensions sont en pouces / Unless otherwise specified, dimensions are in inches.
Tolerances / Tolerances: Frac: ±1/8 Dec: --- Ang: ± 2°
Non à l'échelle / Not to scale

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Highlight Merchandiser® RHZC30 & RHZC30BB Specs

Low Temp Reach-Ins with 30" x 68" CoolView® Envision® Doors

Energy Data

	LINEUP DATA		INDIVIDUAL CASE DATA (Includes 1 Pair of End Panels)							
	Per Door Avg.		2-Door		3-Door		4-Door		5-Door	
	F.F.	I.C.	F.F.	I.C.	F.F.	I.C.	F.F.	I.C.	F.F.	I.C.
REFRIGERATION										
Evaporator Temperature (°F)	-7	-16	-7	-16	-7	-16	-7	-16	-7	-16
Baseline Btuh ^{1,2}	880	965	2,040	2,220	2,880	3,150	3,720	4,080	4,570	5,020
Discharge Air Temp. (°F) (w/ 8°F Superheat)	-3	-12	-3	-12	-3	-12	-3	-12	-3	-12
Btuh Deducts	F.F.	I.C.								
Back-To-Back (Model BB)	-75	-85								
Solid Door	-65	-65								
Btuh Adders	F.F.	I.C.								
Optional Glass Windowed End Panel (Each)	315	350								
Anti-Sweat High Humidity Package	100	100								
ELECTRICAL DATA ³										
Fan Motors (115V) ⁴	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts
High Efficiency Electronic (SSC/ECM)	0.30	20	0.60	38	0.90	59	1.20	78	1.50	98
Lighting System (120V)	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts
LED Lighting (Zero Zone ChillBrite™ 5)	0.15	18	0.29	35	0.44	53	0.59	70	0.73	88
Anti-Sweat Heat (115V) ⁵	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts
Standard-Energy Doors (Zero Zone CoolView® Envision®)	0.72	83	1.43	164	2.13	245	2.84	326	3.54	408
High Humidity Package (Zero Zone CoolView® Envision®) ⁶	1.06	122	2.15	247	3.20	368	4.25	488	5.30	609
Solid Doors	0.50	57	1.01	116	1.50	173	2.00	230	2.50	287
Defrost Heaters ^{7,8}	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts	Amps	Watts
Single Phase (208V/1/60Hz)	4.00	832	8.00	1,680	12.00	2,496	16.00	3,328	20.00	4,160
Three Phase (208V/3/60Hz)	2.31	832	4.66	1,680	6.93	2,496	9.23	3,328	11.55	4,160

Notes:

1. Baseline Evaporator Btuh based on parallel rack system, LED lighting (Zero Zone ChillBrite™ 5), standard-energy doors (Zero Zone CoolView® Envision®), and SSC electronic fan motors.
2. For condensing units (non-rack system), multiply total Btuh rating by 1.06.
3. Amps are based on electrical nameplate values, watts are based on laboratory observations of actual energy use.
4. One fan motor per door.
5. Door (Anti-Sweat) Options: standard-energy and high humidity package = heated glass and heated rails; solid doors = heated rails. All options include mullion and sill heat.
6. Anti-Sweat Controller required for the high humidity package to comply with DOE energy requirements.
7. Electric Defrost: 1 per day. Defrost termination temperature setting is 50°F. Failsafe time is 55 minutes. Refer to the Installation & Operation Manual for details.
8. Hot Gas Defrost: 1 per day. Defrost termination temperature setting is 65°F. Failsafe time is 30 minutes. Refer to the Installation & Operation Manual for details.

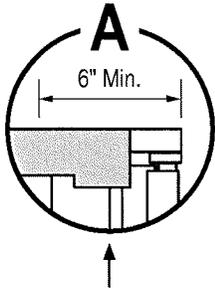
Physical Data

Baseline R-404A Refrigeration Piping	Outlet Size (in.)	# of Doors	Weight (lbs.)		Case Capacity		
			RHZC30	RHZC30BB	Facings (ft. ²)	Packout (ft. ³) 22"/24" Shelves	
Suction Line O.D. (Std. Refrig. Exit)	7/8	2	720	1,380	27.8	51.0	55.6
2-Door Suction Line O.D. (Top Refrig.)	1/2	3	970	1,860	41.4	76.0	82.9
3 to 5-Door Suction Line O.D. (Top Refrig.)	5/8	4	1,280	2,460	55.1	101.0	110.1
Liquid Line O.D. (Electric Defrost)	3/8	5	1,585	3,050	68.7	125.9	137.4
Liquid Line O.D. (Hot Gas Defrost)	1/2	Solid End Panel	30	60	N/A	N/A	N/A

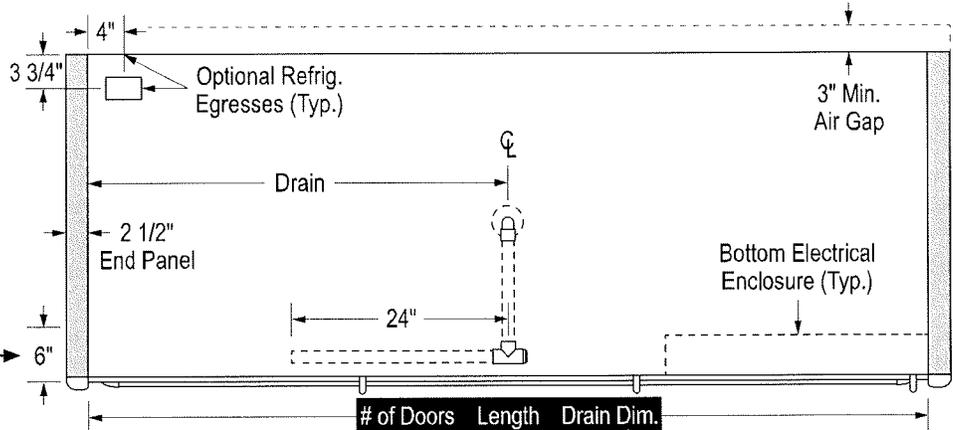


Highlight Merchandiser® RHZC30 & RHZC30BB Specs

Low Temp Reach-Ins with 30" x 68" CoolView® Envision® Doors

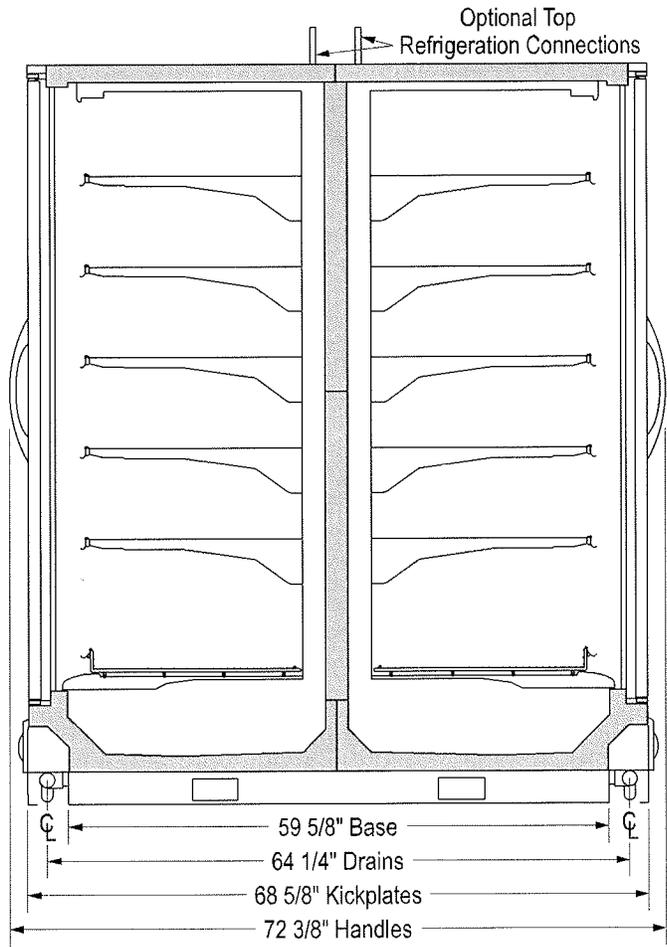
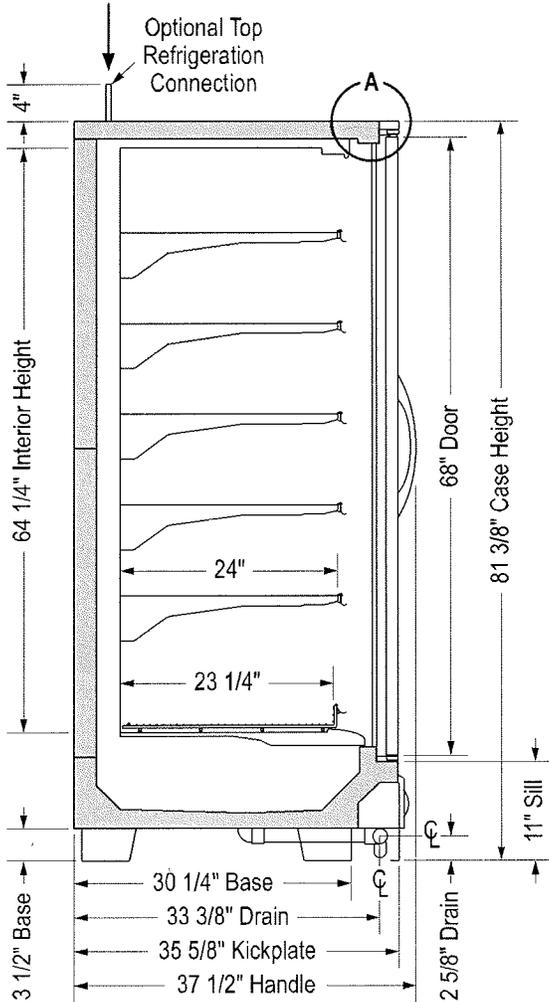


Building soffits must be set back at least 6" from the front of the doors to allow access to electrical wiring on the top of the case.



# of Doors	Length	Drain Dim.
2	62 1/8"	31"
3	92 1/2"	46 1/4"
4	123"	61 1/2"
5	153 3/8"	76 3/4"

Top refrigeration connections increase case height by up to 4".



12/27/18

Specifications are subject to change without notice. All dimensions are nominal.
Case designed to operate in an ambient temperature of 75°F and relative humidity of 55% or lower.



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