ARM

Refrigerated Autonomous Retail Merchandiser - XL

Structural Concepts®
DELIVERING FRESH. ALWAYS.™

• **BD3632IS** 45-3/8"L x 32-1/4"D x 82-5/8"H



BD3632IS

Included

- NOTE: ARM Form required at time of PO for this standalone unit w/ E-Box
- Breeze~E (Type-II) self-contained refrigeration
- (5) Display levels with (4) trays on each level
- Clear glass swinging door w/ left hinge (self-closing)
- Condensate pan
- Hydrocarbon refrigerant (R290)
- LED 4000K top & shelf lights
- One year parts & labor; 5 year compressor warranty
- Shelving removable and adjustable on 1" centers
- Warmest average product temperature of 40°F or less

Specify	Standard Features	Additional Options
EXTERIOR COLOR	• Powder coated Silversan Black	
INTERIOR COLOR	• Powder coated Silversan Black	
BASE SUPPORT	• Casters w/ levelers	• Seismic restraint
END PANELS	• Full w/stainless steel mirror interior	
FRONT DOORS	• Clear glass swinging door w/ left hinge (self-closing)	
SHELVING	• Metal shelves (5), lighted (LED)	
LIGHTS	• LED 4000K top & shelf lights	
E-BOX LOCATION	• Customer RH	
ELECTRICAL CONNECTION	• 6' GFCI straight blade power cord (base exit)	• 6' GFCI locking blade power cord (base exit)
CLEAN SWEEP	• None	• Clean Sweep® automatic condenser coil cleaner (2 year parts & labor warranty included)
REFRIGERATION	• Breeze~E (Type-II) self-contained refrigeration	
INTERNET CONNECTION	• Ethernet connection to local network	• Cellular T-Mobile $10 per month
SCANNER	• None	[1] • Barcode Scanner [2] • RFID Scanner
TERMINAL (ACQUIRER)	• Nayax VPOS Touch	• Cantaloupe (Fiserv) • Castles (Apriva) • None • Payter (Fiserv)
ELECTRONIC PRICE TAGS	• None	• Price Tags, Clips, and Hub
MISCELLANEOUS		• Second year parts & labor warranty (excludes compressor)

Option Notes: 1 - Cannot be used w/ RFID Scanner
2 - Cannot be used w/ Barcode Scanner

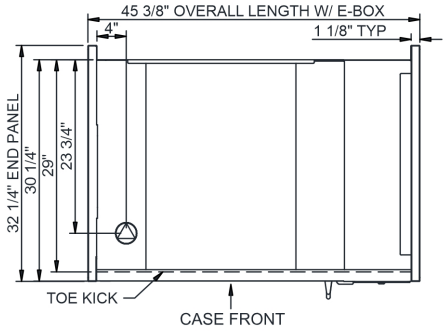
ARM

Refrigerated Autonomous Retail Merchandiser - XL

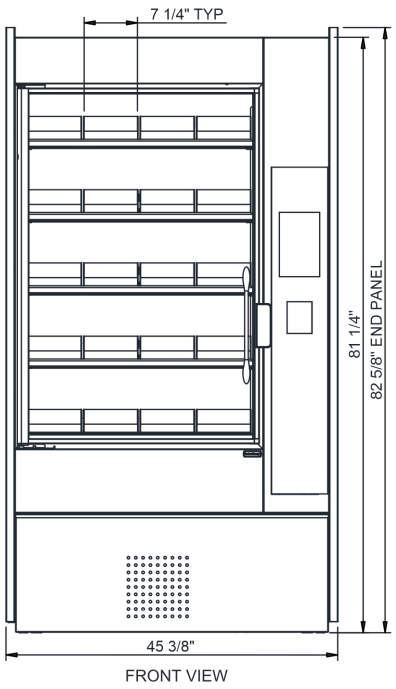
Structural Concepts®
DELIVERING FRESH. ALWAYS.™

Intended Environment:	Type II - Designed to operate in ambient conditions of 80°F and 55% relative humidity unless noted otherwise in system information below.	
Zone	**Intended Product To Be Displayed**	**Warmest Avg Prod Temp ° F**
1	Packaged refrigerated products-Prechilled to Warmest Avg Prod Temp.	40

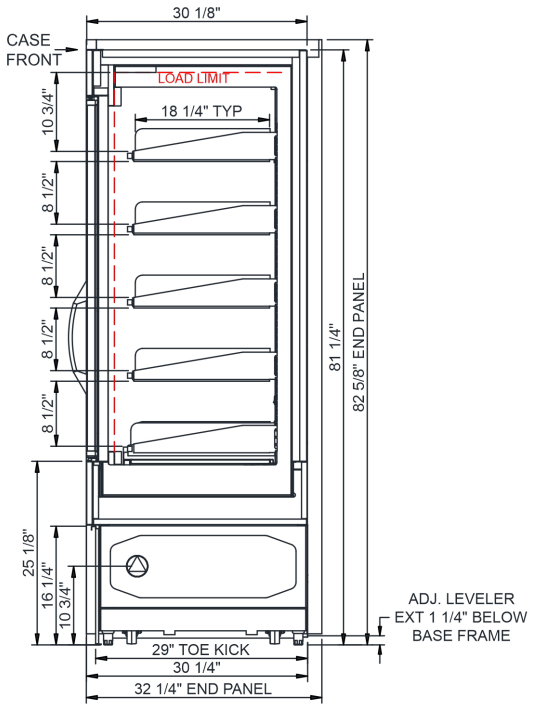
PLAN VIEW



NOTES:
1. SHELF TRAY DIMENSIONS: 7 1/4" W X 18 1/4" D
2. BD3632IS SELF-CONTAINED ACCESS ONLY BY PULLING OUT CONDENSER DRAWER.
3. COMPRESSOR AIR FRONT INTAKE AND LOWER REAR DISCHARGE. LOWER FRONT PANEL CANNOT BE BLOCKED.



SIDE VIEW



NOTE: ALL DIMENSIONS APPROXIMATE

ELECTRICAL JUNCTION BOX (SUPPLIED WITH 6" LEADS OR POWER CORD).
LOCATION OF DRAIN TUBE FOR REMOTE REF. ONLY (SUPPLIED WITH 3/4" OR 1 1/2" PVC TUBE).
REFRIGERATION LINE CONNECTION.
REMOTE FLOOR SINK & UTILITIES ACCESS AREA.
SELF-CONTAINED CASE SERVICE ACCESS AREA.
DRY CASE SERVICE ACCESS AREA.

Model Technical Specifications

Model	L"	L1"	L2"	System Circuit Volts			Phs	Freq	Amps ***	Watts	Wires	NEMA Plug	SST	Conv. Rack BTUH	Para. Rack BTUH	Est Wt
BD3632IS	N/A	45.38	.00	Self-Contained (R290)	Circuit #1	110-120	1	60	11.51	477	2+G	5-15P or L5-15P	N/A	N/A	N/A	1,300

*** Does not include electric defrost on freezer models.

Regulatory Approvals:	
All Models	ETL Listed to UL 541 ETL Listed to CAN/CSA 22.2 No. 128 ETL Sanitation to NSF/ANSI 25

DOE 2017 Energy Efficiency Compliant

Important Notes:

1) ARM Form required at time of PO for this standalone unit w/ E-Box.
2) Performance issues (product temperatures, water on floor, etc.) caused by adverse conditions are not covered by warranty.
3) Keep unit at least 15' from exterior doors, overhead HVAC vents, or any air curtain disruption.
4) End panels must be tightly joined or kept at least 6" away from any structure to prevent condensation.
5) Do not expose unit to direct sunlight or any heat source (ovens, fryers, etc.).
6) Tile floors, low ceilings, or small rooms will increase noise level.

⚠ **WARNING:** This product can expose you to chemicals, including Urethane (Ethyl Carbamate), which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Placement of Case

Consider where the display case will be positioned relative to walls, ceilings, HVAC vents, windows, and other equipment discharging warm air.

The 5′ - 10′ - 15′ Rule

Stay 5′ away from an exterior window

Direct sunlight increases the heat load on the front of the display resulting in the refrigeration system having to work harder and possible condensation on the case.

Remain 10′ away from HVAC ceiling vents

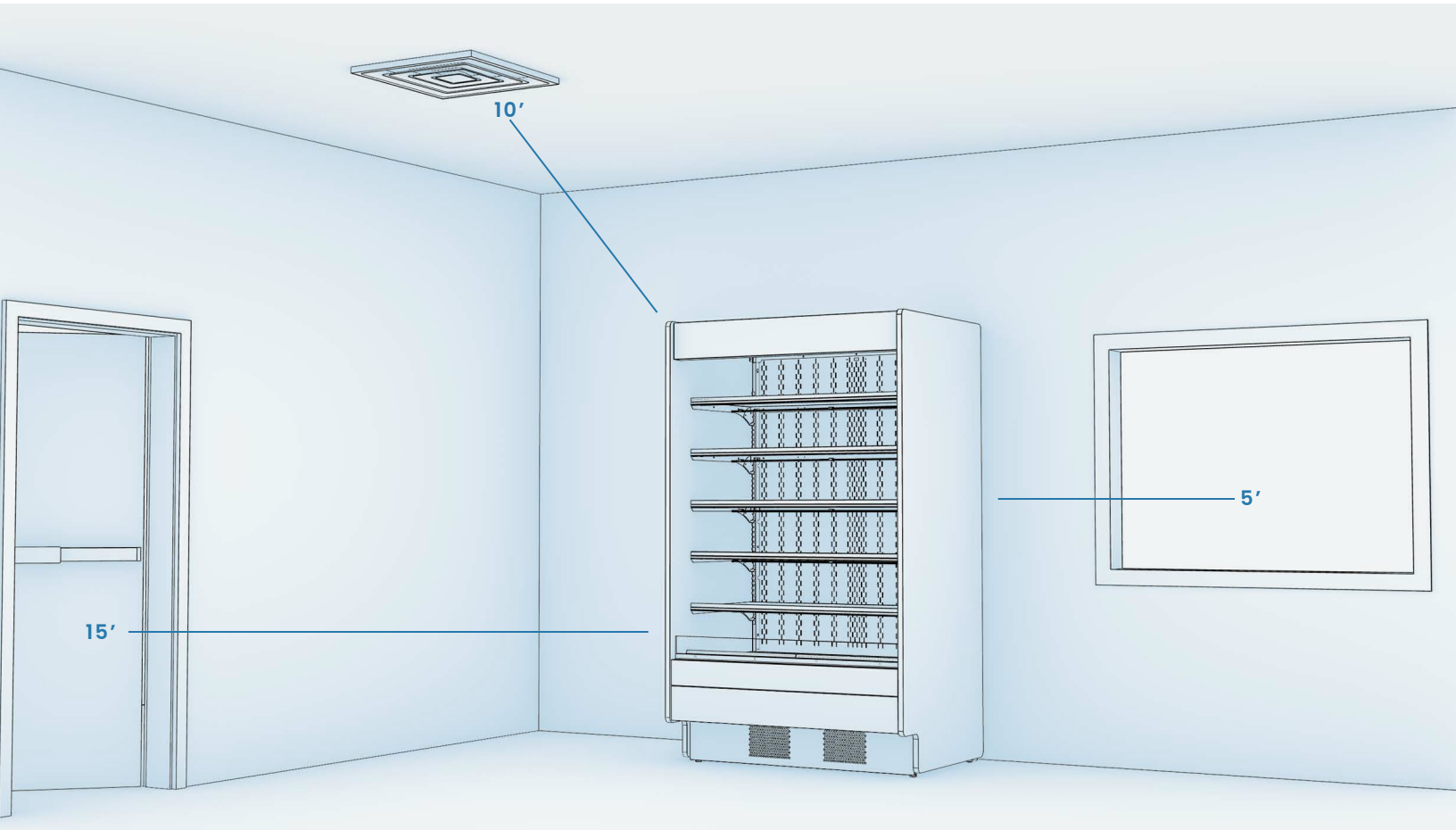
Air blowing on the front of the display interrupts the air curtain and causes product temperatures to increase.

Minimum 4″ clearance to walls & ceilings.
Refer to spec sheets & design guide for further information.

With service display cases that have a glass front, air blowing on the front glass causes condensation to develop.

Position the display 15′ away from exterior doors

Air drafts from the front exterior doors interrupt the air curtain, allowing warm air to penetrate the inside of the display, affecting product temperature.



ARM Form

Structural Concepts®
DELIVERING FRESH. ALWAYS.™

To be filled out by End User ***(End User is who stocks the kiosk and is responsible for payment terminal set up.)***	
PO Number	
Company Name	
Address	
Contact Person	
Phone Number	
Email Address	
Who will be the Single Point of Contact to set up the Banking information?	
- Name	
- Phone Number	
- Email Address	
Who will be the Single Point of Contact for training of the Instant Systems Dashboard?	
- Name	
- Phone Number	
- Email Address	

To be filled out by Dealer	
PO Number	
Company Name	
Address	
Contact Person	
Phone Number	
Email Address	
Who is the Rep Group Contact?	
- Name	
- Company	

To be filled out by Rep Group Contact	
Credit Card Terminal (Nayax, Cantaloupe, Payter, Castles)	
Closed Loop (Transact, CBORD, Atrium, etc.)	
License Fee (Flat Rate - $100/month or Variable Rate – 4.9% of sales)	
Internet Connection (Ethernet or Cellular)	
Scanner (Barcode or RFID)	

To be filled out by Structural Concepts' OMS team	
SCC Order #	
Requested Ship Date	

FM-SA-0087
07/22/2026