



# BEVERAGE-AIR

## Top Mount

# E Plus

SERIES

## Reach-In Freezers



### What makes the E series unique?

- Down duct air system (Except ER/EF24)
- Field reversible, pre-drilled, pre-tapped holes
- 120° stay open feature
- Cam lift hinges
- Top mount refrigeration system
- Designed with patented Xstrem® Valve technology from XDX



### CONSTRUCTION:

Heavy duty construction includes stainless front (doors and grilles) with #3 finish. Exterior sides are steel with gray, acrylic finish. Exterior top, back, and bottom are galvanize steel. Exterior mounted thermometer is digital type. Interior cabinet liner is anodized aluminum finish. Interior pilasters are “regular” type. Interior shelves are steel wire-coated. Cabinets are insulated with R22 foamed-in-place polyurethane insulation, 2” minimum thickness. All doors are “full size” unless specified “half size” and include keyed door locks as standard with solid doors. Doors attach to cabinet on cam lift hinges. Hinges permit doors to stay open at 120 degrees and gravity self-close. A plug-in type, vinyl magnetic gasket is attached to each door. Shelves are adjustable on 1/2” centers. Traffic tough work flow handle is standard. Door openings include low wattage, anti-condensate heaters. A switch located at the top of each full door opening activates light and shuts off evaporator fan motor(s) when door is opened. Six inch, adjustable, corrosion resistant legs are standard. A 9’ cord is provided with 115-60-1 models. With 115/208-230 models, a J box is provided for hard wire connection (4 wire system).

### REFRIGERATION

Unit’s system is located at top of cabinet. A pressure limiting TXV (thermal extension valve) is used to meter refrigerant between condenser and evaporator. Defrosting is accomplished with electric heaters. Defrost is time initiated, temperature terminated. A time termination is provided as a backup fail-safe. Evaporator fans are delayed from restarting until coil is adequately chilled down. Operation of compressor is governed by temperature control behind front grill. Hot gas (nonelectrical) condensate evaporator is located at top of cabinet. Pressure relief port is provided to make rapid reentry possible.

### AIR DISTRIBUTION:

Beverage-Air’s unique down-duct air distribution provides the ideal environment for food preservation. Refrigerated air is discharged from an insulated evaporator coil compartment located above the interior top of cabinet into a distribution plenum. From the plenum, air is discharged down both sidewalls one half way back. In two section models, 3-way air discharge is accomplished with an additional down duct located on the center back wall from the discharge plenum for the floor. In three section models, 4-way air discharge is accomplished with two additional down ducts located on the back wall. Air is returned upward across the full width of the interior into a louvered plenum assuring even temperatures throughout the cabinet.

Carrier

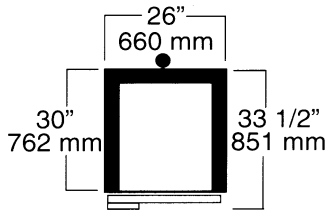
# E-PLUS SERIES FREEZERS

MODEL SOLID	MODEL 1/2 SOLID	TYPE UNIT	WIDTH	DEPTH w/ENDS	HEIGHT w/ENDS	VOLTS	AMPS	SHIP WEIGHT
EF24-1AS XDX	EF24-1AHS XDX	Freezer	26"	30"	78 1/2"	115	10.2	377
EF48-1AS XDX	EF48-1AHS XDX	Freezer	52"	30"	78 1/2"	115	14.5	727
EF74-1AS XDX	EF74-1AHS XDX	Freezer	78"	30"	78 1/2"	208-230 115	10.5	873

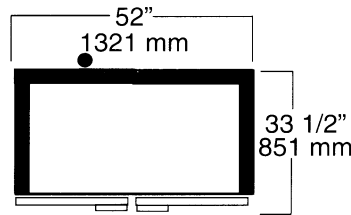


DESIGNED WITH PATENTED XSTREAM<sup>®</sup> VALVE TECHNOLOGY FROM XDX<sup>®</sup>

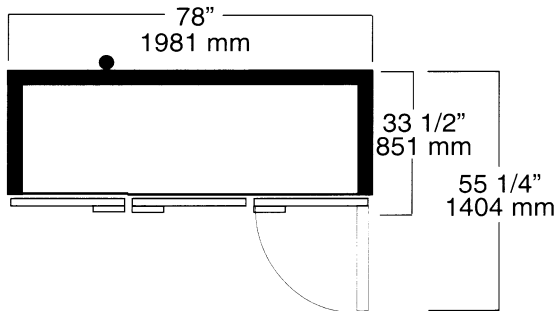
XSTREAM<sup>®</sup> VALVE TECHNOLOGY WAS DEVELOPED BY XDX<sup>®</sup> INNOVATIVE REFRIGERATION AND IS MADE AVAILABLE THROUGH BEVERAGE-AIR'S PARENT COMPANY, CARRIER CORPORATION. THIS PROPRIETARY TECHNOLOGY CHANGES THE CHARACTERISTICS OF THE REFRIGERANT FLOW PATTERN THROUGH THE EVAPORATOR TO CREATE AN ENVIRONMENT THAT IS MORE ENERGY-EFFICIENT, WITH FASTER PULL-DOWN, AND BETTER TEMPERATURE AND HUMIDITY CONTROL.



EF<sub>24</sub>-XDX FRONT

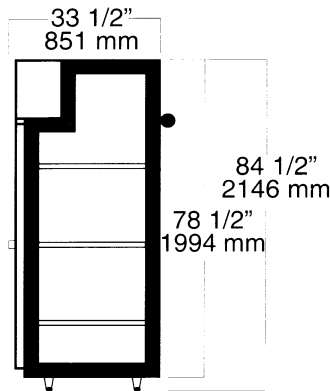


EF<sub>48</sub>-XDX FRONT



Clear Full Door Opening 21 9/16"W x 61 9/16"H  
Clear Half Door Opening 21 9/16"W x 29 1/2"H

EF<sub>74</sub>-XDX FRONT



EF COMMON END





# BEVERAGE-AIR

# Top Mount **E** *Plus* SERIES Reach-In Refrigerators



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- 120° stay open feature
- Cam lift hinges
- Top mount refrigeration system
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## REFRIGERATION

Unit’s system is located at top of cabinet. A capillary tube is used to meter R134A refrigerant between condenser and high humidity, coated evaporator coil. Temperature control is located behind front grill. Hot gas (non-electrical) condensate evaporator is located at top of cabinet.

## AIR DISTRIBUTION:

Beverage-Air’s unique down-duct air distribution provides the ideal environment for food preservation. Refrigerated air is discharged from an insulated evaporator coil compartment located above the interior top of cabinet into a distribution plenum. From the plenum, air is discharged down both sidewalls one half way back. In two section models, 3-way air discharge is accomplished with an additional down duct located on the center back wall from the discharge plenum for the floor. In three section models, 4-way air discharge is accomplished with two additional down ducts located on the back wall. Air is returned upward across the full width of the interior into a louvered plenum assuring even temperatures throughout the cabinet.

*Carrier*

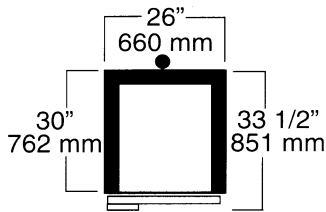
# E-PLUS SERIES REFRIGERATORS

MODEL SOLID	MODEL 1/2 SOLID	TYPE UNIT	WIDTH	DEPTH w/ENDS	HEIGHT w/ENDS	VOLTS	AMPS	SHIP WEIGHT
ER24-1AS XDX	ER24-1AHS XDX	Refrigerator	26"	30"	78 1/2"	115	5.7	351
ER48-1AS XDX	ER48-1AHS XDX	Refrigerator	52"	30"	78 1/2"	115	9.4	562
ER74-1AS XDX	ER74-1AHS XDX	Refrigerator	78"	30"	78 1/2"	115	10.6	791

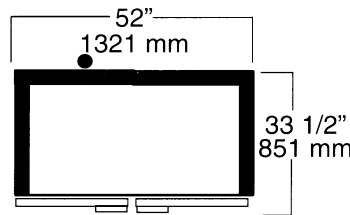


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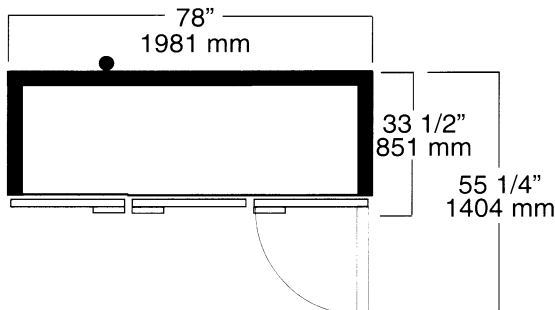
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ER24-XDX FRONT



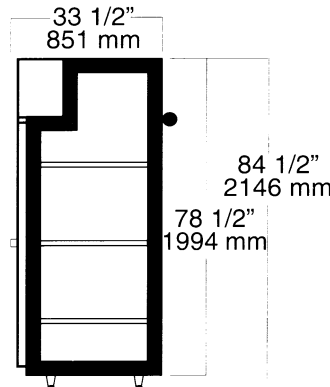
ER48-XDX FRONT



Clear Full Door Opening 21 9/16"W x 61 9/16"H  
Clear Half Door Opening 21 9/16"W x 29 1/2"H

1/2"

ER74-XDX FRONT



ER COMMON END

