



Installation & Operation Manual  
Glass Door Countertop Refrigerator

*Please read this manual completely before installing or operating this unit!*



**BBB23 - 1B / 1S**  
**BBB59 - 2B / 2S**  
**BBB69 - 3B / 3S**  
**BBB90 - 4B / 4S**



**BBB23 - 1BG / 1SG**  
**BBB59 - 2BG / 2SG**  
**BBB69 - 3BG / 3SG**  
**BBB90 - 4BG / 4SG**



**BDD23 - 1B / 1S**  
**BDD59 - 2B / 2S**  
**BDD69 - 3B / 3S**  
**BDD90 - 4B / 4S**

Blue Air reserves the right to make product modification at any time. Specifications and Designs are subject to change without notice.

**IMPORTANT SAFETY INSTRUCTION ( SAVE THESE INSTRUCTIONS )**  
**Visit our website at [www.blueairinc.com](http://www.blueairinc.com)**

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## ———— Service Contact ————

*Blue Air Refrigeration has a Nationwide Service Network  
to provide timely services for our customer's needs.  
Please call or fax us to the following numbers.*

Blue Air Refrigeration Nationwide Service Network

Toll Free, 1-866-677-8500

TEL, (310) 808-0102

Fax, (310) 808-0242/0262

## Specifications

Product		Back Bar			
Model		BBB23-1B/1S	BBB59-2B/2S	BBB69-3B/3S	BBB90-4B/4S
		BBB23-1BG/1SG	BBB59-2BG/2SG	BBB69-3BG/3SG	BBB90-4BG/4SG
Capacity (cu.ft)		7	19	23	31.5
Exterior Dimensions [IN] (1B/1S - Including 4" Casters)	W	23 2/5	59	69	90 1/3
	D	29 1/2	27 1/9	27 1/9	27 1/9
	H	39 1/4	37	37	37
Net Weight (lbs) Solid/Glass Door		187/198	276/298	298/320	441/474
Rated Voltage		AC115V /60Hz			
Amps		3.3 A	6.3 A	6.3 A	6.3 A
Compressor (HP)		1/5 HP	3/8 HP	3/8 HP	3/8 HP
Type of Power Cord		NEMA 5-15			
Shelves		2EA	4EA	4EA	6EA
Number of Doors		1	2	2	3
Refrigerant		R-134a			
Range of Temperature		32~40°F			

Product		Direct Draw Beer Dispenser			
Model		BDD23-1B/1S	BDD59-2B/2S	BDD69-3B/3S	BDD90-4B/4S
		BDD23-1BG/1SG	BDD59-2BG/2SG	BDD69-3BG/3SG	BDD90-4BG/4SG
Capacity (cu.ft)		7	19	23	31.5
Exterior Dimensions [IN] (1B/1S - Including 4" Casters) (Except Height Tower)	W	23 2/5	59	69	90 1/3
	D	29 1/2	27 1/9	27 1/9	27 1/9
	H	39 1/4	37	37	37
Net Weight (lbs)		187	276	298	441
Rated Voltage		AC115V /60Hz			
Amps		3.3 A	6.3 A	6.3 A	6.3 A
Compressor (HP)		1/5 HP	3/8 HP	3/8 HP	3/8 HP
Type of Power Cord		NEMA 5-15			
1/2 Barrels		1EA	2EA	3EA	4EA
Number of Doors		1	2	2	3
Refrigerant		R-134a			
Range of Temperature		32~40°F			

- ◆ Specifications and Designs are subject to change without notice.
- ◆ The name plate (including Serial No.) is located on the upper left side of the cabinet interior.

## *Installation*

### 1. INDOOR USE ONLY

- This unit is intended for indoor use only.

### 2. LOCATION

- Be sure that the location is strong enough to support the total weights of the unit and its contents.
- Keep the unit away from sunlight and other heat generating equipment.
- The minimum clearance between the back of the unit and the wall should be at least 7 inches.

### 3. INSTALLING CASTORS

- Ensure that castors with brake are installed in front.

### 4. LEVEL

- The unit should be level to provide adequate drainage.

### 5. ELECTRICAL CONNECTION

- The unit should be plugged into a 115V/60Hz, grounded wall receptacle to prevent electrical shock and fire hazards.
- Do not plug other electrical units into same wall receptacle this unit is plugged into.
- Do not use an extension cord.
- Compressor warranties are void if the compressor burns out due to low voltage.

### 6. INSTALLING SHELF

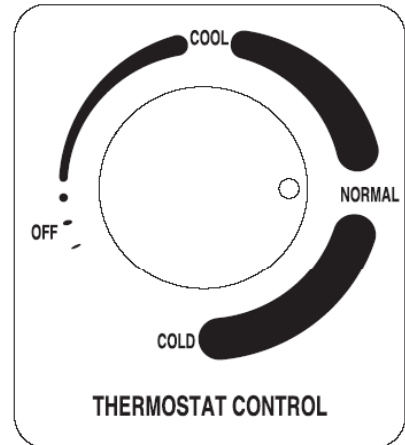
- Install shelves using shelf-clips provided.

## *Maintenance & Cleaning*

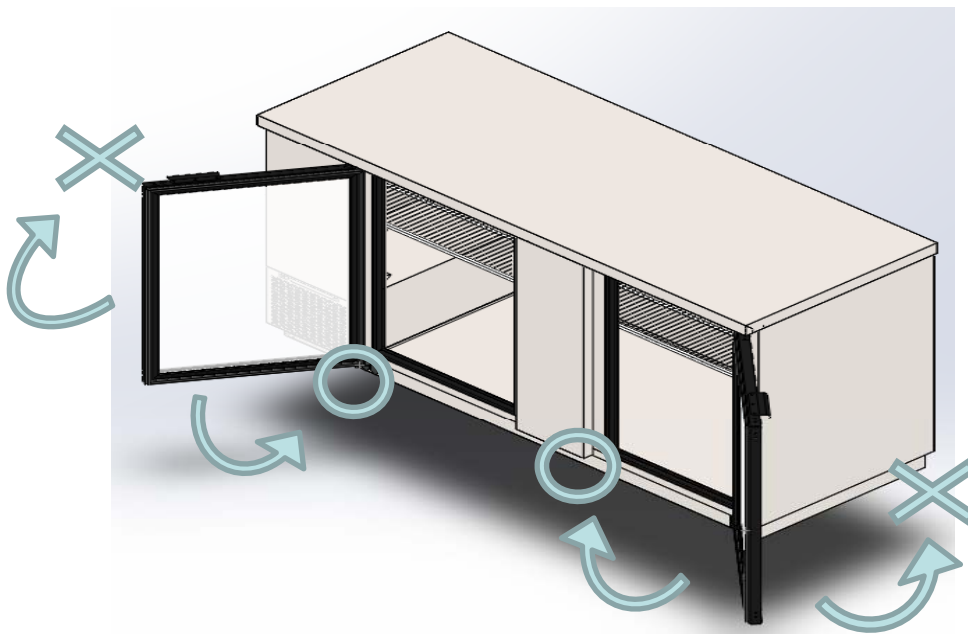
1. To maintain proper refrigeration performance, the condenser fins should be checked monthly and cleaned with a soft brush or vacuum cleaner as needed.
2. Wait at least 6 minutes after unplugging the unit before replugging it in.
3. The interior and exterior of the unit can be cleaned with mild detergent and water.
  - Do not use abrasive cleaners to avoid scratching the unit.
4. The door-gasket should be cleaned to maintain proper seal.

## Operation

1. The temperature controller (thermostat) is located on the upper left of the back side of the cabinet interior.
2. The controller has been preset to the "NORMAL" position at the factory.
3. Set the control-knob toward "COOL" for higher temperature and "COLD" for lower temperature.
4. The thermostat controls compressor's ON/OFF by sensing the inside temperatures of cabinet.
5. The unit is equipped with an off-cycle defrost



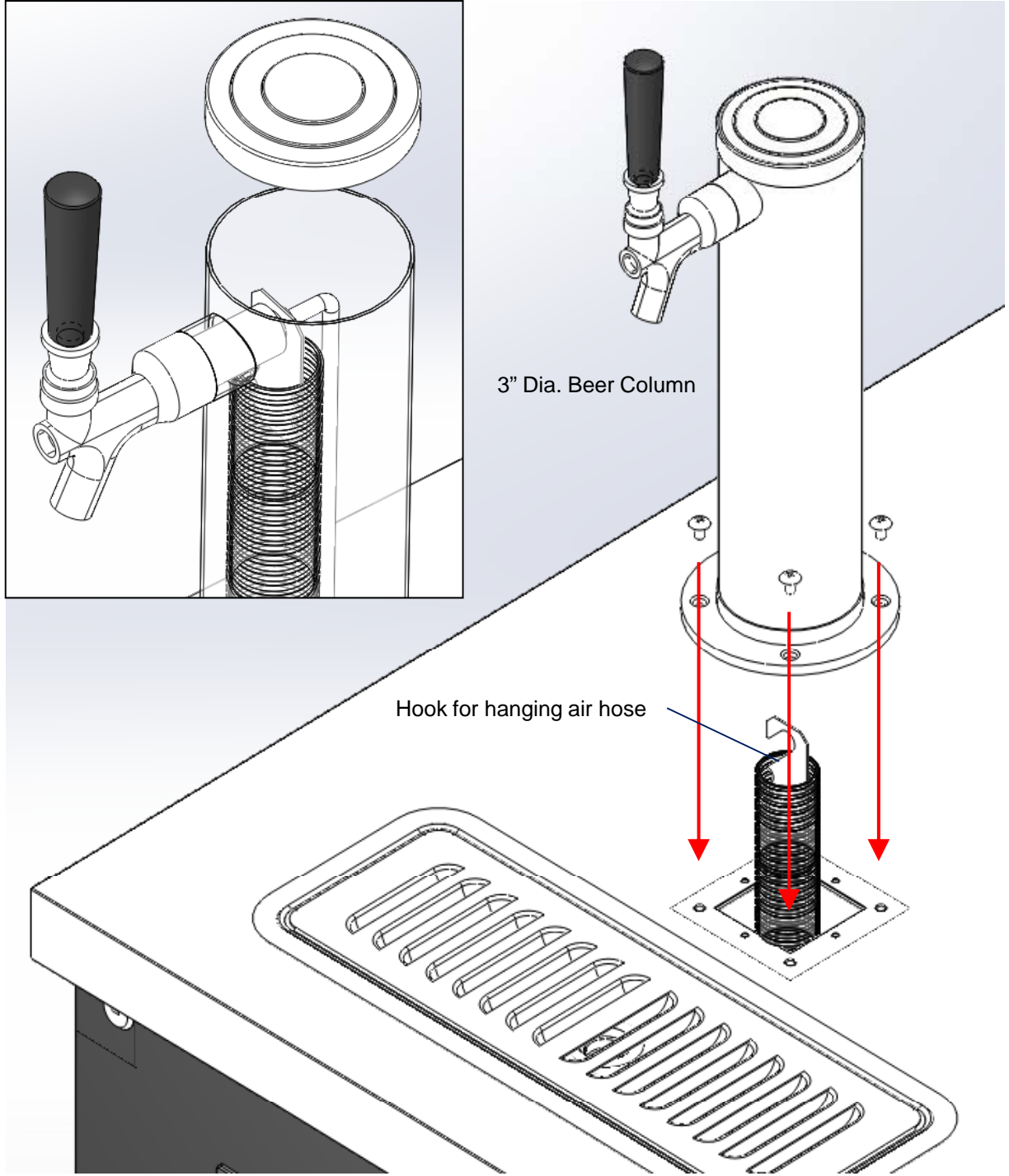
## Caution "Important"



- ※ Excessively opening the door will cause malfunction.
- ※ Handle with care when shutting the door.

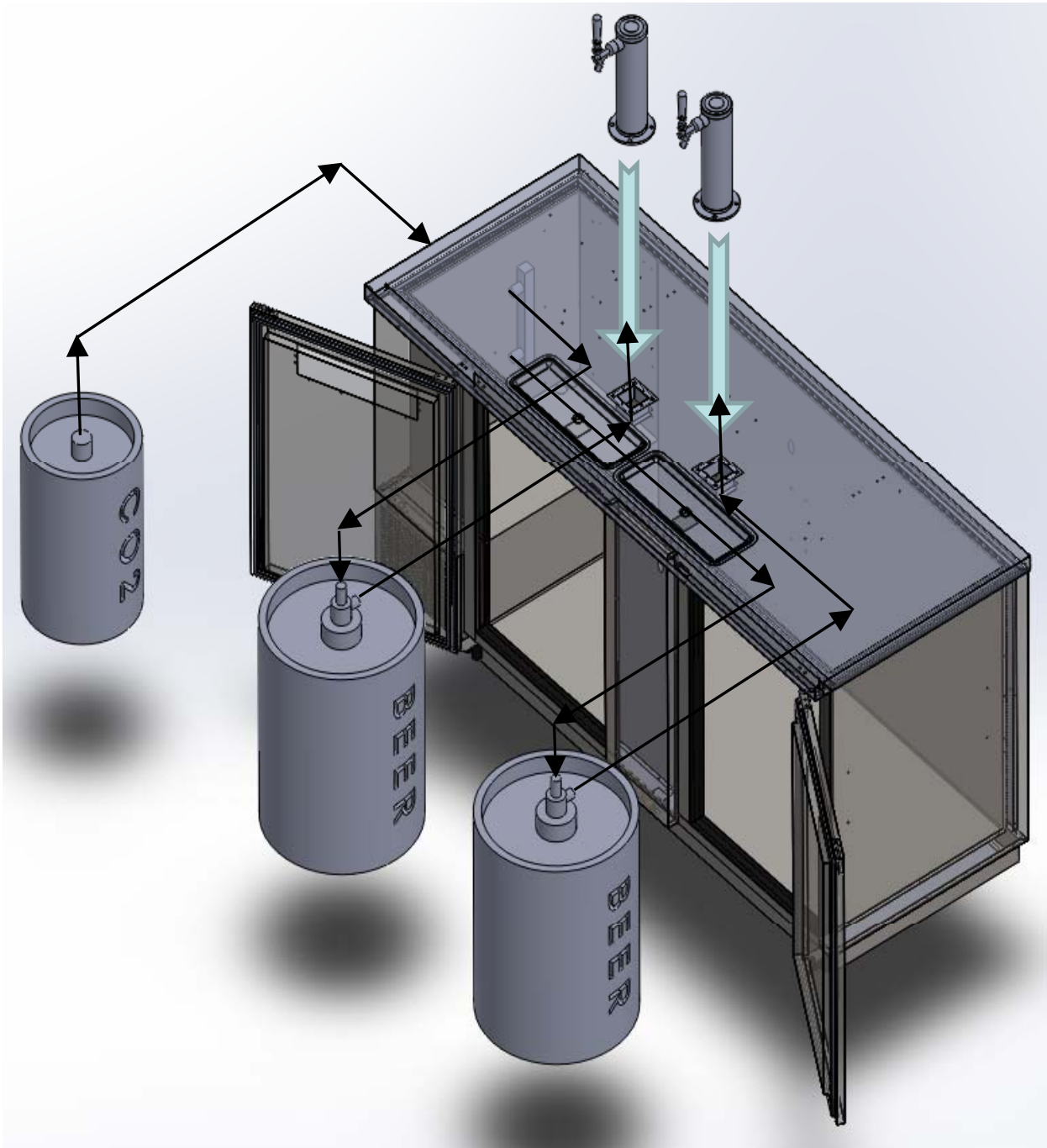
# Air Hose & Tower Installation Schematic Diagram

\*\* This guide is for Direct Draw Beer Dispenser only.



## Beer Line & CO<sub>2</sub> Line Installation Guide

\*\* This guide is for Direct Draw Beer Dispenser only.



※ Install Beer Line & CO<sub>2</sub> Line as shown above.

## Troubleshooting

Problem	Possible Cause	Action
Compressor will not start	Power connection failure.	Check Power Cord and plug it in.
	Power switch is in off position.	Switch it to on position.
The unit does not refrigerate well	Temperature set is too high.	Set the Dial of thermostat at <b>Colder</b>
	The door is opened too frequently.	Do not open the door frequently.
	Stocking of too much, warm, or moist product.	Ensure the product is covered and at room temperature before stocking the product.
	Not enough ventilation.	Move the unit in a well ventilated area with at least 7 inches of clearance on all sides.
	Condenser is clogged.	Clean the condensor
Condensation on cabinet exterior	High moisture air can produce dews during the rainy season.	Wipe with cloth.

※ The following is not an indication of problem or malfunction.

A water-flowing sound can be heard when the unit is operating.

This is the sound of refrigerant is flowing.



## WARRANTY CERTIFICATE

### **Warranty Valid Only In the USA**

This warranty is subject to all of the terms and conditions listed below. Warranty card furnished with this unit must be properly executed and returned to BLUE AIR immediately after installation. Failure to return the warranty registration card to provided location will automatically void all warranties.

### **1 Year Parts and Labor Warranty:**

BLUE AIR warrants to the original purchaser the BLUE AIR unit sold and all parts thereof to be free from defects in material or workmanship, under normal use and service for a period of one(1) years from the date of sale or fifteen (15) months from date of shipment by us, whichever occurs first. Unit lamps are NOT included in the warranty. Our obligation under this warranty shall be limited to repairing or replacing F.O.B. factory any of such products that prove to be defective and which our examination shall disclose to our satisfaction to be defective.

- A) Any part returned to the company under the terms of this warranty must be accompanied by the record of the cabinet model number, serial number, return authorization number and such return shall be on the basis of TRANSPORTATION CHARGES PREPAID.
- B) Improper operation due to low voltage condition, inadequate wiring and accident damages are not manufacturing defects and are strictly the responsibility of the purchaser.
- C) Condenser coils must be cleaned at regular intervals. Failure to do so may cause the compressor to malfunction and will void the warranty. This contract does not apply outside the limits of the U.S.A. nor does it to any part which has been subject of misuse, neglect, alteration, accident or to any damage caused by transportation, flood, fire, or the acts of God. This contract is not effective unless the BLUE AIR Warranty Card, furnished with each unit, is properly filled out and mailed back to BLUE AIR within twelve (12) days from the date of installation. The term "Original Purchaser" as used herein shall be deemed to refer to that person, firm, association, or company for whom the refrigeration unit refers to herein is originally installed.

### **Warranty Claims**

All labor claims or parts must include copy of original invoice submitted directly to Blue Air. All claims must include: a copy of original invoice (Customer Name, address, model name, and Date of Sale) Customer Name, Phone Number, Model & Serial No of unit, date of sale, Distributors name and brief description of complaint. On all compressor warranties the compressor model tag must be returned to Blue Air along with the above information. All claims must be reported to Blue Air within one (1) year of occurrence. All compressors have an additional four (4) years warranty coverage. This warranty will not be effective unless the warranty card is returned or registered ([www.blueairinc.com](http://www.blueairinc.com)) to Blue Air within 12 days of installation. Confirm receipt of warranty registration by contacting Blue Air directly (1-866-677-8500)

### **Non Warranty Claims**

Blue Air's warranty service is limited to labor of repairing merchandise and/or parts replaced. This warranty does not authorize any person(s) to assume any obligation or liability other than what the warranty permits. This warranty will be void if such action occurs. Any attempt to repair BLUE AIR products without an official job number issued by BLUE AIR will not be covered by warranty and the services will not be compensated. This warranty does not apply to any part, which has been subject to misuse, neglect, alteration, accident, or to any visible or concealed damage caused by transportation, flood, fire, acts of God, etc.

### **Concealed Damage Example**

Styrofoam may hide any hidden dents on the shipment that may not be completely visible. You must inspect all corners and grills thoroughly. If the carrier stacks any contents on the units this can cause glass on the glass door units to break from the inside. All units are checked for any damages before they are released.

### **Additional Four-Year Compressor Warranty (Additional Up to 4 years)**

In addition to the warranty above, BLUE AIR warrants the hermetically sealed compressor for an additional four (4) years for the **GLASS DOOR REACH-INS, & CHEST FREEZERS/COOLERS**. Not to exceed sixty (60) months from the date of shipment from our warehouse, provided upon receipt of the compressor manufacturer examination shows the sealed compressor to be defective. Lack of maintenance will result in a voided warranty. This extended warranty does not apply for any electrical controls, accumulator or wiring harnesses which are covered by the standard warranty.

**NO CLAIMS CAN BE MADE AGAINST THIS WARRANTY FOR LOST PRODUCT.**

**What Is Not Covered By This Warranty**

**Spoilage of Product** - No claims can be made against this warranty for any spoilage of products, such as food, loss of sales, or consequential damages. BLUE AIR is not responsible for the repair or replacement of any parts that BLUE AIR determines have been subjected after the date of manufacture to alteration, neglect, abuse, misuse, accidents, damage during transit or installation, fire, flood, or acts of God.

**Warranty Is Non Transferable** - This warranty is not assignable and applies only to the original purchaser/user to whom delivered. Any such assignment or transfer will void this warranty and all other warranties implied.

**Improper Usage** - BLUEAIR is not liable in any way for parts or labor coverage for component failure or other damages resulting from improper usage or installation or failure to clean and/or maintain product as mentioned in the warranty packet provided with the unit.

**Outside U.S. (Including Alaska)** - This warranty does not apply to, and BLUE AIR is not responsible for, any warranty claims made on products sold or used outside the United States.

**Improper Electrical Connections** - BLUE AIR is not responsible for the repair or replacement of failed or damaged components resulting from electrical power failure, the use of extension cords, low voltage, or voltage interference to the unit.

**No Implied Warranty of Merchantability or Fitness for a Particular Purpose** - There are no other warranties, expressed, implied or statutory, except the one (1) year parts and labor warranty and the additional four (4) years compressor warranty as described above. These warranties are exclusive and in lieu of all other warranties, including implied warranty and merchantability or fitness for a particular purpose. There are no warranties, which extend beyond this mentioned description.

**Remote Condensers** - BLUE AIR warrants the original purchaser of the remote cabinet one year parts and labor coverage for all cabinet parts thereof to be free from defects in material or workmanship, under proper use and maintenance service, as specified by BLUE AIR. This warranty is limited to the cabinet only. BLUE AIR is not liable for remote condensing units.

**BLUE AIR Commercial Refrigeration Inc.**

Email: [info@blueairinc.com](mailto:info@blueairinc.com)

# Warranty Registration Card

Blue Air Commercial Refrigeration Inc.  
223 W. Rosecrans Ave, Gardena, CA 90248  
Tel, 310-808-0102, Fax, 310-808-0242

Customer Name \_\_\_\_\_

Business Name \_\_\_\_\_

Telephone: ( ) \_\_\_\_\_

Telephone: ( ) \_\_\_\_\_

Address (Customer)

Address (Business or Installation Site)

Street \_\_\_\_\_

Street \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Place of Purchase \_\_\_\_\_

Date Purchased \_\_\_\_\_ Date Installed \_\_\_\_\_

Model Name \_\_\_\_\_

Product Serial No. \_\_\_\_\_

## Extended Warranty Option

Additional 1 Year Parts & Labor extended Warranty available  
Please make check payable to **Blue Air** and return with this registration Card.

Yes, I would like the extended warranty. /  No, I would not like the extended warranty.

Signature of Business Owner \_\_\_\_\_ Date \_\_\_\_\_

*※ The Warranty becomes void if the attached warranty card is not filled out and returned to Blue Air within 15 days from the purchase date.*

*-----  
Cut along dotted line and mail it back to ; BLUE AIR Customer Service Dept. 223 W. Rosecrans Ave, Gardena, CA 90248*

**※ The Warranty becomes void if the attached warranty card is not filled out  
and returned to Blue Air within 15 days from the purchase date.**

*Cut along dotted line and mail it back to ;*

**BLUE AIR Customer Service Dept.  
223 W. Rosecrans Ave, Gardena, CA 90248**

## **BLUE AIR**

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