



**BIOCLIMATIC**

**BIO-PURE SERIES**

**CONVECTION UNITS**

**MODELS**      N60-E3-R  
                     N40-E2-R  
                     N30-D2-R  
                     N20-E1-R

**INSTALLATION, OPERATION**

**&**

**MAINTENANCE**

**MANUAL**

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## **BIO-PURE SERIES**

### **CONVECTION UNITS**

Models	N-60-E3-R
	N-40-E2-R
	N-30-D2-R
	N-20-E1-R

1. Ionization tubes are packed separately inside the Air Purification in order to protect them during shipment.
2. Remove cover by depressing the pertaining spring (side opposite indicator light or power regulator) with the insertion of a rounded object into the small cover opening.
3. Remove tubes and knob assembly.
4. The Air Purification System will only operate satisfactorily when a continuous flow of air moves across the ionization tubes. When choosing a location to install, check airflow from evaporator or fan to insure the best possible location. In a walk-in cooler, a good location is ceiling mounted from 2.5 to 6 feet from face of evaporator with long side of air purification unit facing the airflow. The unit should not be ceiling mounted within 2.5 feet of a wall.
5. With the cover off, mount the unit to the ceiling by the flanges on the base. In a room with a high ceiling, it may be desirable to install the unit below the ceiling through the use of chain or other type hanger.
6. Depress leaf spring and turn tube into socket by its base until the tube base contacts the socket. Tighten, by hand, an additional 1/8" to 1/4" turn. Do not use tools. Do not over tighten. Release leaf spring. Leaf spring must make firm contact with tube exterior wire grid. Do not attempt to remove or install tubes when power is connected to Air Purification Unit.
7. Install cover and knob assembly.
8. Connect plug to 115 volt, 60 Hz outlet. Turn knob to a setting of #3 and observe the indicator light. If light does not come on, see trouble shooting instructions.
9. Operate the unit at the initial setting for a minimum of 2 hours. Adjust settings until all noticeable odors have disappeared and a subtle clean, fresh smell is evident. Do not operate the unit at a higher setting than required since the tube life will be shortened at higher settings.

10. For best results and to obtain a reduction in bacteria and other microorganisms, the Air Purification System should be operated continuously.
11. Over a period of time, the surface of the ionization tubes will accumulate a residue buildup. Tubes should be removed and washed in warm water and detergent approximately every four to six months or sooner if the buildup becomes excessive and affects the performance.
12. The tubes are removed by the procedure outlined in paragraph 2, 3 and 6 above.

### **MANUFACTURER'S WARRANTY**

THE SELLER WARRANTS THE EQUIPMENT AGAINST DEFECTIVE WORKMANSHIP AND MATERIAL FOR ONE (1) YEAR FROM DATE OF FACTORY SHIPMENT OR 15 MONTHS FROM COMMISSIONING, WHICHEVER OCCURS FIRST. IN THE FULFILLMENT OF ITS WARRANTY, THE SOLE OBLIGATION OF SELLER SHALL BE TO REPAIR OR REPLACE, AT ITS OPTION, F.O.B. ITS FACTORY, ANY PART OR PARTS WHICH ARE RETURNED F.O.B. ITS FACTORY, SHIPPING CHARGES PREPAID, AND WHICH AFTER INSPECTION BY SELLER ARE FOUND TO BE DEFECTIVE. BUYER SHALL NOTIFY SELLER OF DEFECT IN WRITING, PROMPTLY UPON DISCOVERY AND WITHIN THE WARRANTY PERIOD. THIS WARRANTY DOES NOT COVER DEFECTS CAUSED BY CORROSION OR NORMAL DETERIORATION; IT DOES NOT EXTEND TO CONSEQUENTIAL DAMAGE, LOSS OR DELAY ASSOCIATED WITH A WARRANTY DEFECT; AND IT DOES NOT COVER ANY COST OF LABOR, TRAVEL, OR OTHER EXPENSE ASSOCIATED WITH THE REPAIR OR REPLACEMENT OF DEFECTIVE PARTS. SELLER ASSUMES NO LIABILITY FOR PRODUCT LOSS OR OTHER CLAIMS WHATSOEVER ARISING OUT OF THE USE OR APPLICATION OF THE EQUIPMENT IN ANY OPERATIONS, WHETHER THE MACHINE IS USED ALONE OR IN CONJOINT USE WITH OTHER EQUIPMENT OR PROCESSES. NOTWITHSTANDING THE FOREGOING, SELLER'S WARRANTY OBLIGATIONS WITH RESPECT TO ANY ITEMS NOT MANUFACTURED BY SELLER SHALL NOT EXCEED THE OBLIGATIONS UNDERTAKEN BY THE MANUFACTURER THEREOF UNDER EXPRESS WARRANTY TO THE SELLER. THIS EXPRESS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES OF FITNESS OF THE MACHINE FOR ANY PARTICULAR PURPOSE.

THERE ARE NO OTHER REPRESENTATIONS, WARRANTY OF CONDITION IN ANY RESPECT EITHER EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE IN CONTRACT OR TORT, OTHER THAN WHAT IS STATED ABOVE.

THE SELLER SHALL NOT BE HELD LIABLE IN ANY WAY FOR CONSEQUENTIAL DAMAGES, HOWEVER CAUSED.

THIS WARRANTY WILL NOT APPLY IF THE SELLER'S EQUIPMENT HAS BEEN DAMAGED DUE TO IMPROPER INSTALLATION, ALTERATION, ABUSE OR MISUSE, ACCIDENT, FIRE, FLOOD OR ACT OF GOD. FURTHER, THIS WARRANTY WILL NOT APPLY IF REPAIRS, REPLACEMENTS, OR ALTERATIONS ARE MADE BY OTHERS WITHOUT THE SELLER'S PRIOR WRITTEN AUTHORIZATION.

IN THE EVENT THE STATE IN WHICH THE EQUIPMENT IS INSTALLED DOES NOT PERMIT THE LIMITATION OR EXCLUSION OF IMPLIED WARRANTIES OR CONDITIONS UNDER GIVEN CIRCUMSTANCES, THE PROVISIONS OF THIS WRITTEN WARRANTY ARE IN ADDITION TO AND NOT A MODIFICATION OF THE STATUTORY WARRANTIES AND OTHER RIGHTS AND REMEDIES PROVIDED BY SUCH LAWS.

#### **NOTE:**

“ANY MODIFICATION TO ORIGINAL EQUIPMENT BY ANY COMPANY OR PERSON OTHER THAN THE MANUFACTURER WILL SERVE TO CANCEL AND VOID ALL OF THE SELLER'S LIABILITY UNDER THE MANUFACTURER'S WARRANTY. ENCLOSURES CONTAINING ELECTRONIC COMPONENTS ARE NORMALLY SEALED BY THE MANUFACTURER TO PREVENT UNAUTHORIZED TAMPERING OR ADJUSTMENTS. ONLY AUTHORIZED SERVICE PROVIDES MAY BREAK SEALS TO COMPLETE CALIBRATION OR TO TROUBLE SHOOT THE UNIT. UNAUTHORIZED TAMPERING OR BREAKING SEALS WILL RELEASE THE SELLER FROM ANY FUTURE LIABILITY UNDER THE WARRANTY”. (Effective 11/01/07)