

# C4-R Heater

## Electric Heat Drying System

**“For Professional Use Only”**

Direction of Use



**\*Before each use inlets and extension cords must be checked for damage\***

ASD Products, LLC  
877-565-7377

# Safety Page

Read this owner's manual carefully before using your C4-R Heater

## Caution: C4-R Heater Safety Information

Never operate the C4-R Heater with loose cord connection or damaged power cord(s). Before use check cords and cord ends for damage.

Make sure that all extension cords are twist-locked into the C4-R heater for proper connection. Right to lock and left to unlock.

Never operate the C4-R Heater without the fan running.

Never set the Thermostat control to higher than 125F degrees.

Never use an extension cord smaller than 12 gauge or longer than 50'.

Always check building circuits for proper grounding before plugging in your C4-R Heater. Never plug the C4-R into more than 1 building. Always plug the C4-R into only 1 building.

Never drop or bounce the C4-R Heater. Internal damage may occur.

Never clean or service the C4-R Heater while plugged into a live electrical power source.

Never operate the C4-R Heater in standing water.

Never operate the C4-R Heater unless all panels, guards and fan are attached, on and are properly secured.

Always keep the air inlet & outlet clear of any obstructions and loose material. Maintain a minimum of 2' clearance on inlet air and 4' clearance on exhaust air.

Never connect power from different buildings to the C4-R Heater. Only plug the C4-R into 1 building. Never plug the C4-R into more than 1 building.

**Warning:** Ignoring these safety precautions may result in personal injury.

## **ASD Products, LLC 1 Year Limited Warranty**

**“For Professional use only”**

**Warrantor:** ASD Products, LLC, 6677 Inter Cal Way, Prescott, AZ 86301. Telephone: 877-565-7377

**Who is Covered:** This warranty extends to the original end-user and may not be assigned or transferred.

**Warranty Period:** The term of the warranty coverage from the date of purchase is:

1 years on the housing

1 year on parts and labor

**Warranty Coverage:** ASD Products, LLC warrants that, for one (1) year, the Heater manufactured by ASD Products, LLC will operate free from defects in material or workmanship, or ASD Products will repair or replace the defective part(s), free of charge.

ASD Products, LLC further warrants that for a period of one (1) year, the housing will be free from defects in material or workmanship, ASD Products, LLC will repair or replace the defective part(s), providing that all shipping costs for the defective part(s) shall be borne by the end-user.

This warranty **does not** cover any defect, malfunction, etc... resulting from improper operation, lack of maintenance, freezing, corrosion from chemicals, condensation, tampering, modification, unauthorized or improper repair, accident, acts of nature, shipping after you receive the Heater, or normal wear to items such as power cords, plug adaptors or other items which require replacement resulting from normal usage and may require replacement prior to 1 year based on usage.

**End-User Responsibilities:** The customer is expected to inspect all items that have been received and make sure that they are in proper working order within 3 days of receiving their equipment. If items are damaged from shipping the customer is responsible for informing ASD Products, LLC within 3 days to have the damaged items replaced. ASD Products, LLC will provide the labels for the return of that item. If the unit needs to be sent in for repair the end user is responsible for shipping the unit back to us to determine why the unit is not working. If the unit is under the warranty ASD Products will repair the items and send them back to the customer no charge. If the repair falls out of the warranty the end user is responsible for the charges that are incurred in repairing the units and the shipping cost back.

### **Servicing of Unit:**

Warranty service must be performed by a firm or individual authorized by ASD Products, LLC. The end-user must contact ASD Products, LLC at the above location. ASD Products, LLC will arrange for covered warranty service. All covered warranty service will be arranged during normal business hours.

**Limitations and Exclusions:** If any part of the Heater manufactured by ASD Products, LLC is repaired or replaced as covered warranty, the new part shall be warranted only for the remainder of the original warranty period of the Heater.

Upon expiration of the written warranty applicable to the ASD Products part thereof, all other warranties implied by law, including merchantability and fitness for a particular purpose, shall also expire. All warranties made by ASD Products, LLC are set forth herein, and no claim may be made against ASD Products, LLC on any oral warranty. In no event shall ASD Products, LLC with the sale, operation, repair or replacement of any

ASD Products, LLC device or part thereof be liable under any legal theory for any special, indirect or consequential damages including without limitation water damage, lost profits, delay, or loss of use or damage to any real or personal property.

**Legal Rights:** This warranty gives you specific legal rights, and you may also have other rights which vary from State to State.

## Operating Your C4-R Heater

Unpack & inspect your C4-R Heater for damage – Do not use if damaged. Check all heating elements to make sure everything works and nothing was damaged from shipping. If damaged from shipping do not use and contact us immediately at 877-565-7377.

Your C4-R Heater has four (4) 120volt plug-inlets for the heat elements. Two (2) located on each side of the C4-R Heater. Each heating element is 12 amps. Only one inlet can be plugged into a 15 or 20 amp (120 volt) circuit. With (4) circuits you can achieve full power of your C4-R Heater. (19,642 BTU's). It is not necessary to plugin all 4 heating elements to operate the heater.

### Turning on your C4-R Heater:

**First** – Make sure the inlet with the green light is plugged in. This provides power to the switches and thermostat controller. After plugging in additional heating elements, turn on the fan with the green switch and then turn on the heat elements with the orange switch. The orange switch is a momentary switch which will engage the heat elements with a click and then return to its original position.

### Temperature Controller

Your C4-R heater comes with a state-of-the-art digital temperature controller on 12' of cable. You must plug the temperature controller into the corresponding fitting on the front of the unit. Do not force the connection as the connection should be easy and smooth when correctly lined up.

To change the high temperature setting push the set button on the thermostat controller and use the arrows to adjust temperature up or down. Push the set button when finished.

## **Place Heater in or out of drying area**

Place the C4-R in the area you wish to heat. As the temperature in the drying area rises, so will the temperature coming out of the C4-R. Connecting 3 or 4 cords will heat the airspace faster and may be necessary in colder conditions. Limit the temperature to maximum of 125 degrees Fahrenheit in this setup.

You also can place the C4-R outside the area you wish to dry. Use 11" Mylar ducting or equivalent non-collapsible ducting. Duct the hot air into the drying chamber, tenting, crawlspace, etc.

## **Wall & Cabinet Drying**

Your C4-R works easily with wall drying systems that attach to an air-mover. Vent the heated air from the C4-R into the intake of the air-mover on the non-motor side. The air-mover will then take the heated air and blow it into the wall or cabinet, etc.

You can use contain the cabinets or walls with plastic sheeting and vent the heated air from the C4-R into the containment. Make sure to place the thermostat sensing cord inside the contained area for accurate temperature control.

## **Attaching Ducting**

Ducting is included with your C4-R. Also included is a reusable wire tie for easy attachment and removal of the Ducting.

## **Using a Dehumidifier with your C4-R**

You can place the dehumidifier in the same room with your C4-R. Make sure that you set the high temperature limit on your C4-R so that the temperature in the drying area won't exceed the manufacturer's recommended working temperature of the dehumidifier.

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