



## Technical Details:

Input voltage: 12V d.c.

Rated Current: 13A, 150W

Mounting holes: (2) 0.39cm/5/32 in. diameter

Power cord: 2m/87" L w/15A in-line blade fuse

**Please read this instruction manual thoroughly before starting and ensure you are familiar with the operation of your new 2 in 1 Car Heater**

1. This product is not a toy. Do not allow children to play with or near this item.
2. Do not leave the Car Heater plugged in while starting vehicle or while vehicle's engine is off. Low voltage during these circumstances will increase heat in the wiring and may blow the fusible link in the power outlet or another fuse.
3. Check vehicle manual to ensure the 12V auxiliary power outlet is rated at 15 amps or greater. Do not use a socket extension or pigtail to operate this Car Heater.
4. Risk of Burns! Keep children and pets away from this unit while it is hot. Do not place hands or feet near the vent.
5. Replace the fuse only with another 15 amp fuse of the same type.
6. Only use this Car Heater for up to 20 minutes at a time.
7. Keep this product dry.
8. Do not operate other 12VDC appliances at the same time as the Car Heater.
9. Do not leave the Defroster unattended when it is plugged in. Unplug the Car Heater before leaving the vehicle.
10. Use as intended only.
11. Inspect before every use; do not use if parts are loose or damaged. Do not use the Car Heater if either Switch does not turn it on or off.

**COOPERS  
OF STORTFORD**

UK Head Office, 11 Bridge Street, Bishop's Stortford, CM23 2JU

Tel: 0844 4824400\*, Fax: 01279 756595

[www.coopersofstortford.co.uk](http://www.coopersofstortford.co.uk)

EU address: D.S.B. LD, 160 Bd. de Fourmies, 59100 Roubaix, France

Tel: (+44) 1279 701269

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Please check with your telephone supplier.

### Controls



### Operation



**WARNING:** To prevent blowing a fusible link on the power outlet, only use with 12V auxiliary power outlet.

1. Place the Power Switch and the LED Switch in their O (off) positions. Plug into a 15A rated 12V auxiliary power outlet ONLY.
2. Note: This Car Heater can burn out lighter sockets if used incorrectly. Always switch the engine on before inserting the 12V plug.
3. Mount on dashboard, or hold over windshield for spot defrosting. Use for up to 20 minutes, and then shut off for at least 5 minutes.
4. The Car Heater can be removed from the Mounting Base. By holding the handle the Car Heater can be moved around as needed.
5. The LED Switch turns the lights on/off.
6. To select either the fan only or the heater and fan, press the Power Switch to the setting as marked. Toggle the Power Switch to the centre position to turn off these functions.
7. **WARNING!** Do not operate longer than 20 minutes at one time, allow heater to cool completely after use.
8. Unplug the heater before leaving the vehicle.



### **WARNING! TO PREVENT FIRE: Replace fuse only with fuse of same type and rating.**

1. Pull the fuse out of the fuse holder. If the wire inside the fuse is broken the fuse needs to be replaced, otherwise insert the fuse back into the holder and proceed to the next step.
2. If the Heater fuse was not blown, connect another 12VDC device to the 12V auxiliary power outlet to check it.
  - a. If the power outlet works, have the Heater serviced by a qualified technician.
  - b. If the power outlet does not work, **DO NOT USE THIS HEATER WITH THAT POWER OUTLET.**

That power outlet is evidently not rated to 15A, as this heater requires.

**Note:** Check vehicle's service manual for instructions on repairing the power outlet. Likely failure points are the fusible link on the power outlet itself or the vehicle's fuse.

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### Mounting Instructions

The Heater base can be mounted to the vehicle using mounting screws or can be mounted using the adhesive strip as desired.

#### Mounting with Screws

1. Make certain that the power cord is long enough to reach the 12V auxiliary power outlet from the mounting location.
2. Use the mounting base as a guide to mark two holes in the mounting location.



**WARNING! TO PREVENT FIRE:** Verify that installation surface has no hidden wires or other components before drilling or driving screws.

1. Drill pilot holes in the desired surface slightly smaller in diameter than the shaft of the mounting screws.
2. Align the holes in the mounting base with the drilled holes.
3. Mount the mounting base using mounting screws.

#### Mounting with Adhesive Strip

1. Make certain that the power cord is long enough to reach the 12V auxiliary power outlet from the mounting location.
2. Wipe the base with alcohol for a grease-free surface. Allow the alcohol to evaporate.
3. Peel off one face of the adhesive strip. Place the strip on the face of the base and press down and hold for one minute to adhere.
4. Prepare the mounting surface on the car following the same procedure as indicated in the above mentioned paragraph.
5. Peel the strip backing carefully and position the base on the surface and press into place. Leave in place for an hour before use.

### Maintenance

**Procedures not specifically explained in this manual must be performed only by a qualified technician.**

#### **TO PREVENT SERIOUS INJURY FROM ACCIDENTAL OPERATION:**

Turn both switches to their " " from its outlet, and allow it to cool completely before performing any inspection, maintenance, or cleaning procedures.

#### **TO PREVENT SERIOUS INJURY FROM DEFROSTER FAILURE:**

Do not use damaged equipment. If abnormal noise or vibration occurs, have the problem corrected before further use.

1. **BEFORE EACH USE**, inspect the general condition of the Heater. Check for:
  - a. loose hardware,
  - b. misalignment or binding of moving parts,
  - c. cracked or broken parts,
  - d. damaged electrical wiring, and
  - e. any other condition that may affect its safe operation.
2. **AFTER USE**, wipe external surfaces of the Heater with clean cloth. Do not use flammable liquids or harsh detergents to clean the Defroster. Do not submerge in liquid.
3. Store the Heater in a dry location out of direct sunlight. Keep the Heater out of the reach of children.

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4. Replace fuse with the same type and rating only.

**WARNINGS AND SAFETY INSTRUCTIONS:**



WHEN USING ELECTRICAL APPLIANCES, BASIC SAFETY PRECAUTIONS SHOULD ALWAYS BE FOLLOWED:

- READ ALL INSTRUCTIONS BEFORE USE.
- FOR DOMESTIC USE ONLY.
- BEFORE USE, CHECK THOROUGHLY FOR ANY DEFECTS AND DO NOT USE IF DEFECTS ARE FOUND. TAKE CARE NOT TO DROP THE APPLIANCE AS HEAVY IMPACTS MAY CAUSE INTERNAL DAMAGE.
- CHECK THE APPLIANCE AND POWER CABLE CAREFULLY FOR DAMAGE BEFORE EACH USE.
- FOR ADULT USE OR USED UNDER ADULT SUPERVISION.
- **SOME PARTS OF THIS PRODUCT CAN BECOME VERY HOT AND CAUSE BURNS. PARTICULAR ATTENTION HAS TO BE GIVEN WHERE CHILDREN AND VULNERABLE PEOPLE ARE PRESENT.**
- THE USE OF ANY ACCESSORY ATTACHMENTS NOT RECOMMENDED BY COOPERS OF STORTFORD MAY CAUSE INJURIES AND INVALIDATE ANY WARRANTY YOU MAY HAVE.
- DO NOT COVER THE ITEM IN ANY WAY WHEN IN USE AS THIS MAY CAUSE OVERHEATING.
- DO NOT USE THIS APPLIANCE FOR ANY OTHER USE THAN THE INTENDED USE IT IS DESIGNED FOR.
- DO NOT PLACE UNDER OR NEAR FLAMMABLE MATERIALS SUCH AS CURTAINS, DRAPERIES, SHELVES, LOOSE WALL PAPER, ETC.
- ALLOW THE ITEM TO COOL THOROUGHLY BEFORE PUTTING ON OR TAKING OFF PARTS.
- TO PROTECT AGAINST ELECTRIC SHOCK, DO NOT IMMERSE POWER CABLE, PLUG OR APPLIANCE, IN WATER OR ANY OTHER LIQUID.
- UNPLUG FROM OUTLET WHEN NOT IN USE AND BEFORE CLEANING.
- DO NOT OPERATE ANY APPLIANCE WITH A DAMAGED POWER CABLE OR PLUG OR AFTER THE APPLIANCE MALFUNCTIONS, OR HAS BEEN DAMAGED IN ANY MANNER. WE RECOMMEND THAT THE POWER CABLE IS NOT KINKED OR STORED IN A TWISTED MANNER, AND THAT YOU REGULARLY CHECK ITS CONDITION.
- ANY REPAIRS MUST BE CONDUCTED BY A QUALIFIED ELECTRICIAN OR ELECTRICAL SERVICE AGENT.

**DISPOSAL**

- Coopers of Stortford use recyclable or recycled packaging where possible.
- Please dispose of all packaging, paper, cartons, packaging in accordance with your local recycling regulations.
- Plastics, polybags – Contains the following recyclable plastic.



|                   |   |  |
|-------------------|---|--|
| Code & Symbol     | <br>LDPE   | <br>PP  |
| Type of Plastic   | <b>(bag)</b> Low Density Polyethylene   | <b>(product)</b> Polypropylene   |
| Commonly used for | Shopping bags, bread bags, squeeze bottles, stretch/pallet wrap, bubble wrap, multi-pack can holders  | Microwaveable food containers, yoghurt pots, butter tubs, disposable plates and cups   |
| Notes             | Usually recyclable supermarket deposit points. Check other plastic films as any non-polythene film e.g. cling film, crisp packets film lids | Commonly recycled and collected from household recycling bins (packaging tape itself not recyclable but does not interfere with cardboard) |

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- At the end of the product's lifespan please check with your local council authorised household waste recycling centre for disposal.



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