



NEW from FTM

For PVC Sheet and PVC Wall Clad Materials

Thank you for your purchase of the NEW Clad-Form™ PVC Strip-heater. The Clad-Form™ is specifically designed to give constant professional bends while working with all types of thermoplastic PVC materials. It is ideal for straight line bends or folds, and is capable of heating material up to 3mm thick.

Fabrication Tools and Materials, Inc. is *The Fabricators Source®* and leading manufacturer of plastic strip-heaters since 1985. FTM is proud to introduce the New Clad-Form™ heater for PVC sheet material. This new heater offers much needed relief to those who work with PVC wall cladding and PVC general purpose sheet materials. The New Clad-Form™ offers a well-crafted, durable, all aluminum design with built-in controller and patent pending inner workings. Coming in at just 22.5 Lbs. (10.3 kg.) the CF120 is easily moved from shop to jobsite and back.

If you work with PVC cladding for walls, floors, counters or ceilings, the Clad-Form™ will provide precise bends year after year, bend after bend.

SPECIFICATIONS:

Patent Pending

Model No.	Heated Length	Heated Area	Volts	Watts / Amps	Overall dimensions L x W x H
CF120	120" / 10 feet	1/8" x 120"	120	580 / 4.75	132"x 3-1/8" x 2-1/4"
Model No.	Description				
CF2X	1-1/4" x 1-1/4" Aluminum Bending Bars with Handles (set of 2) 1 @ 70" and 1 @ 122"				

RULES FOR SAFE OPERATION

1. Read all instructions before using this equipment.
2. Heating equipment is **HOT** when in use, to avoid burn hazard, do **not** let bare skin touch hot surface.
3. Keep combustible materials such as drapes and other furnishings away from heating equipment.
4. Do not use in areas where gasoline, solvents, or other flammable liquids and gasses are in use or stored.
5. Caution is necessary when any heating equipment is operating. Do not leave any material on heating equipment unattended at any time.
6. Do not operate any heating equipment with a damaged cord, or after the heating equipment has been dropped, or damaged in any manner.
7. Unplug from outlet at end of heating session, or whenever heating equipment is not expected to operate.
8. Do Not use outdoors.
9. This heating equipment is not intended for use on wet or moist surfaces as this could cause electrical shock.
10. The use of extension cords is not recommended.
11. Use this heating equipment only as described in this manual. Any other use not recommended by manufacturer may cause hazards.

Save these instructions

Instructions:

1. Operate on a level surface with the exposed heating bar facing up.
Note: Heating bar will feel loose when cool. It will tighten once heated.
2. Set heater in desired position within work area.
3. Plug unit into properly grounded outlet.
CAUTION: DO NOT LEAVE HEATER UNATTENDED.
4. Turn on to Preheat mode and allow 15 minutes for the heating bar to reach a working temperature.
*Note: Heating bar can become **HOT** enough to cause injury within 1 minute.*
Note: Red indicator light luminesces when heater is on. Light goes out when power is switched off. Heater will remain hot when turned off. Use caution until heater cools.
Note: Preheat mode is only to bring the heating bar up to a working temperature and should not be left in this mode. Leaving unit in Preheat mode may damage unit.
5. Turn control to #9 or lower. Additional time may be needed for the heat bar to reach a stable temperature.

Fabrication Tools and Materials, Inc., Placerville, CA USA.

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6. Test a small scrap piece of your PVC material on heater. 2- 2.5 mm PVC should take approximately 25-35 seconds to become pliable. Overheating will cause material to stick to the heating bar and damage the material. Heat setting and time may vary.
7. Adjust bar temperature as needed, 1 is the lowest temperature, 9 is the highest temperature. Allow time for the bar temperature to stabilize.
8. Place PVC Sheet / Cladding directly in contact with heating bar where the bend is needed.
9. When material has softened, remove from the heater and form your bend to the angle required, hold until cool. A set of aluminum weight/bending bars (part # CF2X) are available through FTM.

Note: For PVC Cladding bend material so the heated side is towards the wall.

Caution: Aluminum housing is "HOT" during normal operation. Use caution when working with heater.

POWER OFF

1. Turn knob to off, power light will go out.
2. Unplug heating equipment.
3. Bar will be HOT, allow unit to cool before moving.
4. Do not store unit on its sides or ends, damage may result.
(Store heaters on a level surface with heating bar facing up.)

FOR YOUR RECORDS:

MODEL NO. CF120
SERIAL NO. _____
DATE PURCHASED _____

Cleaning

Melted plastic can be removed from heating bar when heater is cool. Using a sanding block with medium grit sand paper (120-220) make long gentle passes to remove melted on material. Pressing down too firmly may bend and damage heating bar. Sand evenly to keep the bar surface flat.

Trouble Shooting

Problem	Possible Causes	Possible Solutions
Heater not heating up	<ul style="list-style-type: none"> • No power at outlet • Not enough time allowed for heating bar to heat up 	<ul style="list-style-type: none"> • Check outlet for 120v power • Allow 15 Min. on Preheat for bar to heat up to a working temperature
Plastic sticking to heating bar	<ul style="list-style-type: none"> • Temperature is set too high • Material left on heater too long 	<ul style="list-style-type: none"> • Lower setting on dial • Reduce time material is on heater
Material is not heating evenly	<ul style="list-style-type: none"> • Material is bowing and not making full contact with heating bar 	<ul style="list-style-type: none"> • Use weight / bending bar offered by FTM to insure full contact with heating bar
Inside of bend is not smooth	<ul style="list-style-type: none"> • Material is being bent in wrong direction 	<ul style="list-style-type: none"> • Bend so the heated side is on the outside of bend
Please contact FTM if further assistance is needed.		

WARRANTY / LIMITATION on LIABILITY

For 90 days from the date of original purchase, FTM will repair or replace any defect in material or workmanship. This warranty excludes insulation material.

FTM will not be liable for loss or damage to property or any incidental or consequential loss or expense from property damage due directly or indirectly from the use of this product.

This warranty does not include damage to the product resulting from accident, misuse, improper installation or operation, or unauthorized repair or alteration.

Warranty service is available by sending the product to FTM's service center with all transportation charges paid. A RMA Number is required before returning any merchandise.

FTM's packaging meets all UPS standards in the event of a claim. Authorized returns must be received in "as shipped" condition. Any freight damage that occurs in the return shipment is the responsibility of the shipper or the authorized distributor. No claims allowed unless filed within 5 days from delivery date.

Return goods are subject to a 10% restocking charge and an RMA Number is required. Freight charges are not refunded unless agreed upon by seller prior to return of goods.

FTM has final determination on all returned goods and credits. FTM's terms and conditions supersede all other previous terms and conditions.