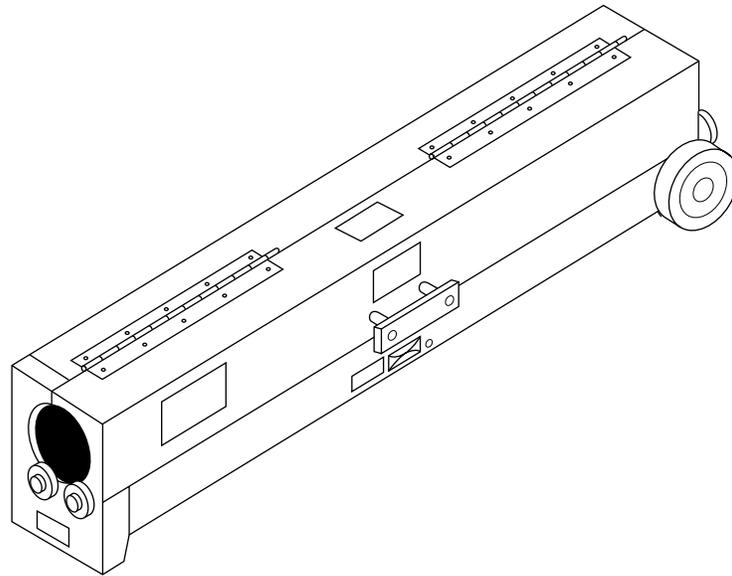


INSTRUCTION MANUAL



MODELS 851 PVC HEATER for 1/2" - 4" Dia. PVC Conduit



Read and understand this material before operating or servicing this equipment. Failure to understand how to safely operate this tool could result in an accident causing serious injury or death.

IMPORTANT SAFETY INSTRUCTIONS



SAFETY ALERT SYMBOL

The symbol above is used to call your attention to instructions concerning your personal safety. Watch for this symbol. It points out important safety precautions. It means **“ATTENTION! Become alert! Your personal safety is involved!”** Read the message that follows and be alert to the possibility of personal injury or death.

⚠ DANGER

Immediate hazards which, if not avoided, **WILL** result in severe personal injury or death.

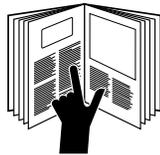
⚠ WARNING

Hazards or unsafe practices which, if not avoided, **COULD** result in severe personal injury or death.

⚠ CAUTION

Hazards or unsafe practices which, if not avoided, **COULD** result in minor personal injury or property damage.

Safety is a critical factor in the design of Greenlee equipment. The best program starts with a safety-conscious operator. The information highlighted in this bulletin describes operating practices for the benefit of the workers who will use our equipment in their daily jobs. Comments from users are appreciated.



⚠ WARNING

A person who has not read and does not understand all operating instructions is not qualified to operate this tool. Failure to read and understand safety instructions could result in injury or death.

SAVE THESE INSTRUCTIONS

Additional copies of this manual are available upon request at no charge.

IMPORTANT SAFETY INSTRUCTIONS

	<p style="text-align: center;">⚠ DANGER</p> <p>Do not use this heater in a hazardous environment. Hazards include flammable liquids, gases, or other materials. Using this heater in a hazardous environment can result in a fire or explosion.</p> <p>Failure to observe this warning will result in severe injury or death.</p>
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<p>⚠ CAUTION</p>
<ul style="list-style-type: none"> • Inspect tool before operating. Replace any worn, damaged or missing components with Greenlee replacement parts. • Use this heater for manufacturer's intended purpose only. Do not use as a space heater. Use other than that which is described in this manual can result in injury or property damage.

	<p style="text-align: center;">⚠ WARNING</p> <p>Electric Shock Hazard. Do not expose heater to rain or moisture. Failure to observe this warning can cause severe injury or death.</p>
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<p>IMPORTANT</p>
<p>If using an extension cord, use one with the following characteristics:</p> <ul style="list-style-type: none"> • 14 AWG minimum • 45 meters (150') maximum <p>Using a lighter gauge or longer cord will cause a loss of heating power.</p>

	<p style="text-align: center;">⚠ WARNING</p> <p>Heater temperature will exceed 538° C (1000° F).</p> <ul style="list-style-type: none"> • Wear insulated gloves when using this heater and when bending PVC. • Do not leave heater unattended. • Unplug when not in use. <p>Failure to observe these warnings can result in severe burns.</p>
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	<p style="text-align: center;">⚠ WARNING</p> <p>Use in a well-ventilated area. Hot PVC will give off fumes. Failure to observe this warning or precaution can result in serious injury or injury.</p>
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SAVE THESE INSTRUCTIONS

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Specifications

Power	120 Volts, 20 Amps, 60 Hz
Capacity:	
Conduit Diameter	1/2" – 4" PVC Conduit
Conduit Length	137 cm (54")
Dimensions	22 cm x 30 cm x 137 cm (8.5" x 12" x 54")
Mass/Weight	24 kg (53 lbs.)

Operation

See the Exploded View. Remove the handle from the inside of the PVC heater and attach it to the cover.

When bending 2" or larger conduit, Greenlee recommends using 859-series PVC plugs. Install one plug in each end of the conduit and tighten the wing nut until the conduit is sealed. Remove the plugs after the PVC has cooled.

1. Place the heater on a firm, flat surface.
2. Plug the cord in. Turn the heater ON. The pilot light will illuminate.
3. Place the conduit on the rollers and close the cover. Rotate the conduit by hand.
4. Check the PVC by lifting it at one end. When the PVC is flexible, open the cover and remove the conduit.
5. Place the PVC on a flat surface. Form the bend by hand. Allow the PVC to cool or set the bend by applying cool water with a sponge or rag.

