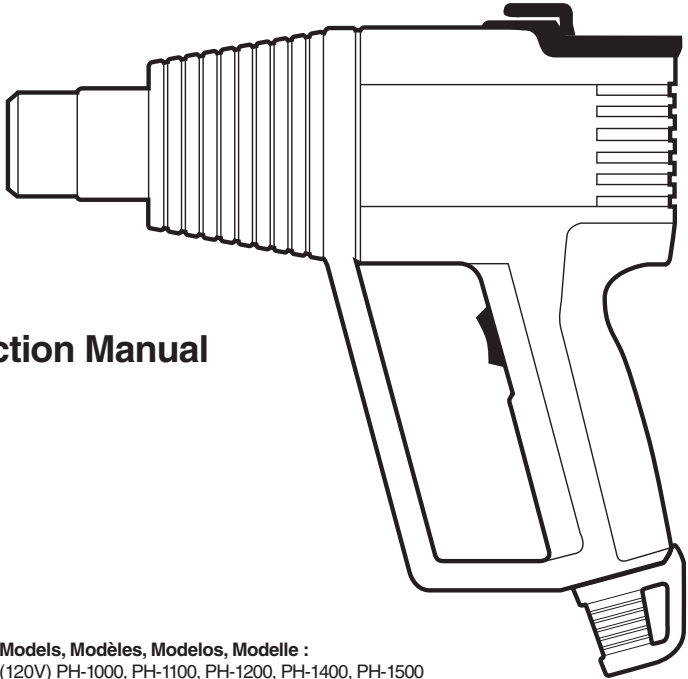


PROHEAT
HEAT GUN



Instruction Manual

Models, Modèles, Modelos, Modelle :
(120V) PH-1000, PH-1100, PH-1200, PH-1400, PH-1500
(230V) PH-2000, PH-2100, PH-2200, PH-2400, PH-2500



Original Instructions

Please read, understand and keep this manual for future reference.

Accessories

		1000/2000 Quick-Touch	1100/2100 Dualtemp	1200/2200 Varitemp	1400/2400 Dial-In	1500/2500 Programmable
35216		•	•	•	•	•
35336		•	•	•	•	•
35016		•	•	•	•	•
35260		•	•	•	•	•
35017		•	•	•	•	•
35261		•	•	•	•	•
35263		•	•	•	•	•
35292				•	•	•
35270				•	•	•
35293				•	•	•
35294				•	•	•
35295				•	•	•
35271				•	•	•
35296				•	•	•
35266				•	•	•
35267				•	•	•
35268				•	•	•
35269				•	•	•

Features & Specifications

	1000/2000 Quick-Touch	1100/2100 Dualtemp	1200/2200 Varitemp	1400/2400 Dial-In	1500/2500 Programmable
Fixed Airflow	•	•	•		
Fixed Heat	•				
Dual Heat		•			
Variable Heat			•	•	•
Variable Airflow				•	•
LCD Display				•	•
Programmable					•
Lock Settings				•	•
Hanger Hook	•	•	•		
Built-In Stand	•	•	•	•	•

V ac	120 / 230	120 / 230	120 / 230	120 / 230	120 / 230
Hz	60 / 50	60 / 50	60 / 50	60 / 50	60 / 50
Max Amp	11 / 6.2	11 / 6.2	11 / 6.2	11 / 6.2	11 / 6.2
Max Watt	1320 / 1426	1320 / 1426	1320 / 1426	1320 / 1426	1320 / 1426
Temp	1000°F 540°C	500, 1000°F 260, 540°C	130-1000°F 50-540°C	130-1000°F 50-540°C	130-1000°F 50-540°C
CFM/CMM	16 / .45	16 / .45	16 / .45	4-16 / .11-.45	4-16 / .11-.45
Net Wt	28oz / 794g	28oz / 794g	28oz / 794g	28oz / 794g	28oz / 794g
dB(A)	<70	<70	<70	<70	<70

Important Safety Instructions

Heat guns are a source of extremely high-temperature flameless heat (up to 1050°F / 566°C). Extreme caution should be observed when using these products. READ and FOLLOW these instructions.

 <p>Use only on properly-rated electrical circuits. Connect to properly grounded outlets only. Disconnect from power source during service and when replacing parts.</p> <p>115V/15A or 230V/8A</p>	 <p>When using an extension cord, use only a 3-prong grounded cord rated equal to or greater than the appliance. Connect to properly grounded outlets only.</p> <p>115V/15A or 230V/8A</p>
 <p>To reduce risk of fire or electric shock, do not expose heat gun to rain or moisture. Store indoors.</p>	 <p>If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.</p>
 <p>Do not use near flammable materials or where fumes, gases or dust are present. Do not use in presence of explosive atmosphere.</p>	 <p>Keep away from children and persons with reduced physical, sensory or mental capabilities or lack of experience or knowledge.</p>
 <p>Keep nozzle at least 1"/2.5 cm from work surface. Do not apply to the same place for a long time. Be aware that heat may be conducted to combustible materials that are out of sight.</p>	 <p>Do not direct air stream at people or pets.</p>
 <p>Use in well-ventilated area. Use caution in confined areas.</p>	 <p>Wear safety glasses at all times.</p>
 <p>Do not leave heat gun unattended when it is switched on. Always hold gun or place on its stand (see below) when in use.</p>	 <p>Do not touch nozzle until cool.</p>
 <p>Place heat gun on its stand (built-in or external) after use and allow it to cool down before storage.</p>	 <p>Recycle properly.</p>

Introduction

Introduction

The Proheat® Heat Gun is a compact, lightweight, easy-to-use heat gun. Its compact size and lightweight design make it easy to use in close quarters with minimum operator fatigue. This multi-purpose tool provides a fast flow of heated air and is well suited for a variety of flameless heat applications such as activating adhesives, bending and forming plastics, defrosting frozen coils, drying negatives and parts, heating solids and liquids, loosening nuts and bolts, removing vinyl, shrinking tubing and packaging, softening materials and stripping paint. It's your dependable answer, "wherever a fast, portable, heat is the need." NOTE: Users should independently evaluate the suitability of the product for their application.



Repair & Maintenance

1000/2000 Quick-Touch™ Heat Gun

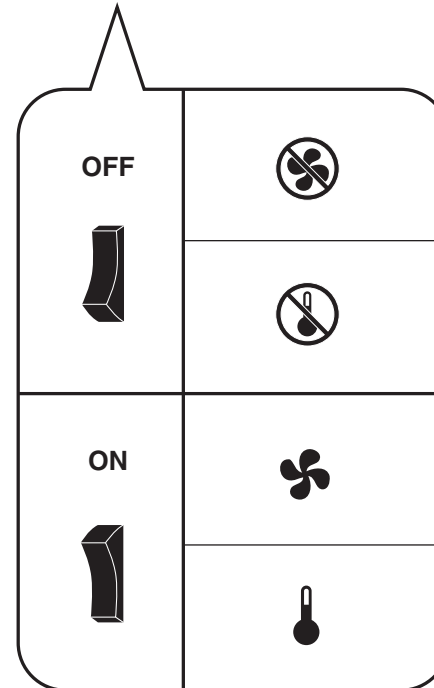
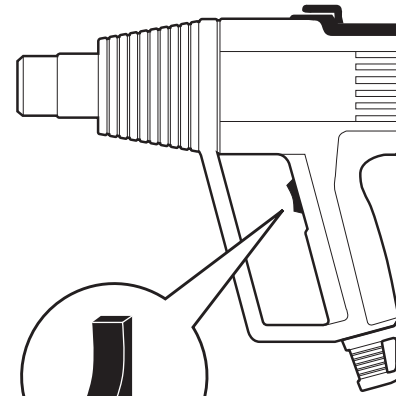
Repair

All repairs and maintenance recommended in this instruction manual must be performed by a qualified repair technician who is experienced with the repair of electric tools, a qualified service organization, or Master Appliance Corp.'s Repair Department. Please contact Master's Customer Service Department for genuine Master Appliance replacement parts or for repair service.

Maintenance

Heating Elements: Heating element abuse and eventual burnout can occur from one of the following conditions: 1) Improper line voltage 2) Improper attachment 3) Nozzle too close to work being heated (less than 1 inch).

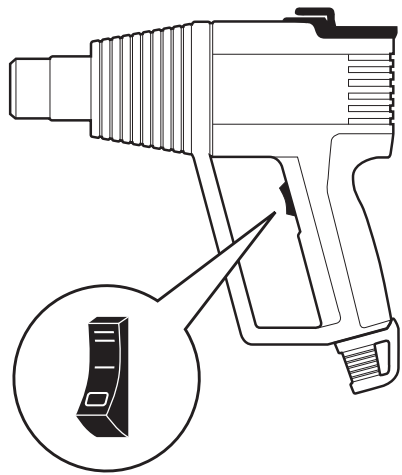
Cleaning: Unplug heat gun before cleaning. To clean outside of tool, use only a mild soap and damp cloth. Do not use other cleaning agents, turpentine, gasoline, lacquer or paint thinner, or other solvents that may contain chemicals which are harmful to plastics and other insulating materials. Never immerse tool in a liquid or allow a liquid to enter inside the tool. Make sure all vents and openings are free and clear of debris. Note: Always unplug your tool before cleaning.









PH-1000/2000 Operating Instructions

- 1) Plug heat gun into properly rated outlet.
- 2) Press and hold Momentary Contact rocker switch for HOT position.
- 3) Switch returns to OFF position as soon as it is released.

1100/2100 Dualtemp Heat Gun

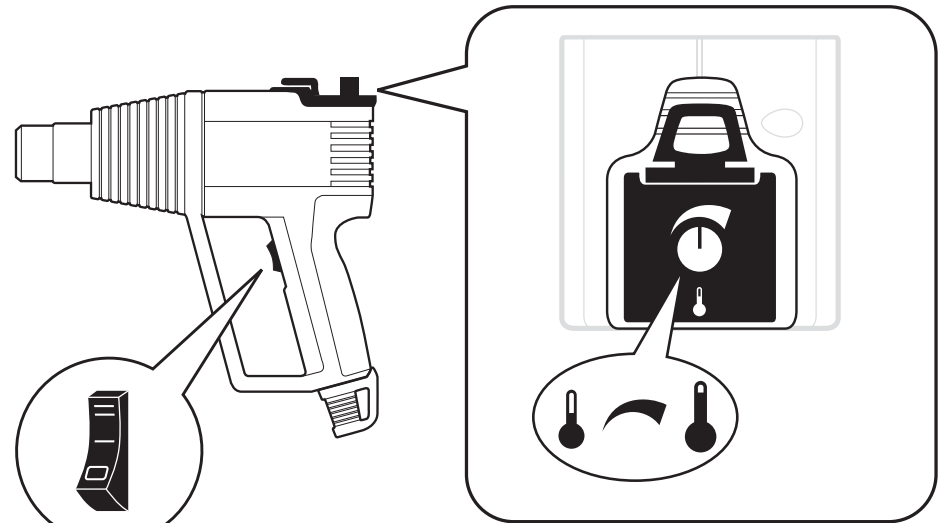










FULL HEAT =	 
LOW HEAT —	 
OFF □	 

PH-1100/2100 Operating Instructions

- 1) Plug heat gun into properly rated outlet.
- 2) For LOW temperature, press the switch to the middle position (I).
- 3) For HIGH temperature, press the switch to the high position (II).
- 4) For OFF, press the switch to the O position.

1200/2200 Varitemp® Heat Gun

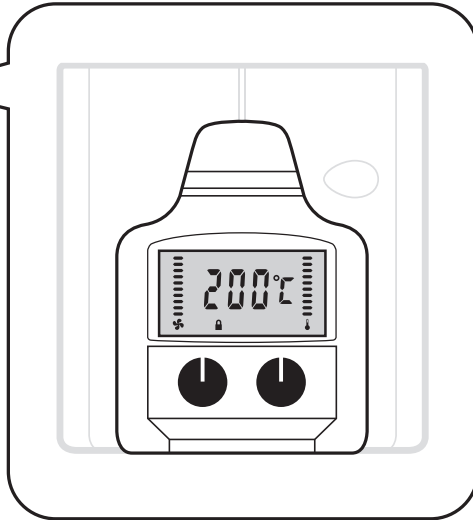
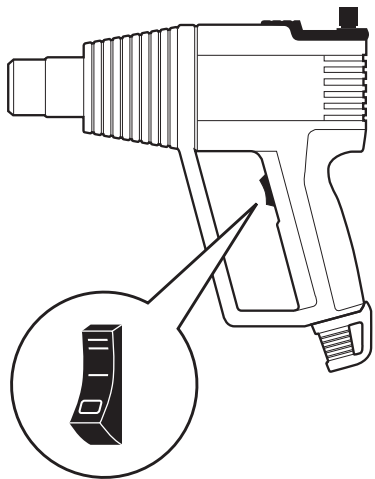


HEAT =	   
COOL —	 
OFF □	 

PH-1200/2200 Operating Instructions

- 1) Plug heat gun into properly rated outlet.
- 2) For COOL temperature, press the switch to the center position (I).
- 3) For VARIABLE HEAT, press the switch to the high position (II).
- 4) For OFF, press switch to the O position.

1400/2400 LCD Dial-In Heat Gun



HEAT 	
COOL 	
OFF 	

PH-1400/2400 Operating Instructions

- 1) Plug heat gun into properly rated outlet.
- 2) For COOL temperature, press the switch to the center position (I).
- 3) For HEAT, press the switch to the high position (II). It is important to press the switch progressively through each position. If you press directly from O to II, the heat gun will not operate and 'OFF' will show in the display. If this happens, return the switch to O then press to I and then to II.
- 4) For OFF, press switch to the O position.

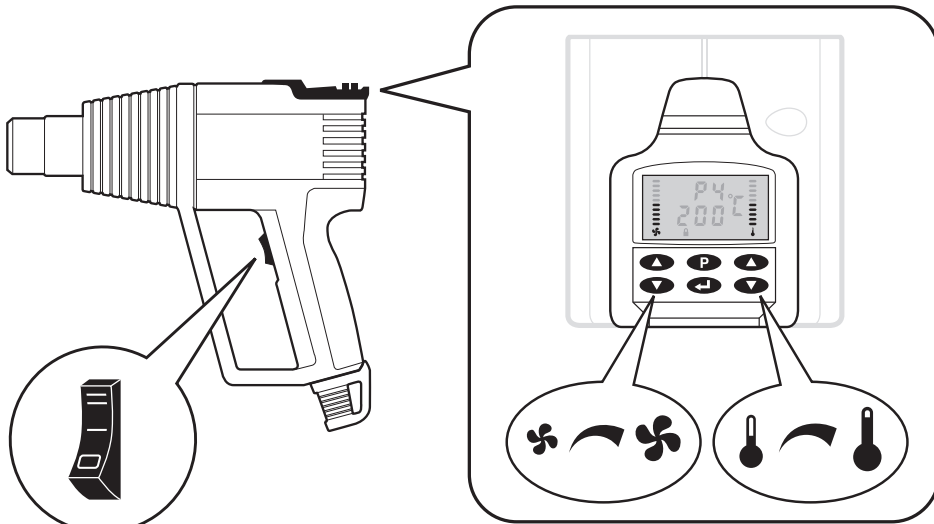
To adjust the airflow, twist left knob. The number of bars on the left side of the LCD corresponds to the amount of airflow.

To adjust the heat, twist right knob. The number of bars on the right side of the LCD corresponds to the amount of heat. The set temperature will display for 2 seconds, then switch to the actual temperature.

To lock temperature and air flow, press the magnet key to the back of the heat gun just under the left knob. The LCD shows a lock icon under the temperature readout. Settings cannot be changed if this icon shows as locked.

To change the temperature between Fahrenheit and Celsius, press the magnet key supplied with the heat gun to the back of the gun just under the right knob for 5 seconds.

1500/2500 LCD Programmable Heat Gun



HEAT =	
COOL -	
OFF □	

PH-1500/2500 Operating Instructions

- 1) Plug heat gun into properly rated outlet.
- 2) For COOL temperature, press the switch to the center position (I).
- 3) For HEAT, press the switch to the high position (II). It is important to press the switch progressively through each position. If you press directly from 0 to II, the heat gun will not operate and 'OFF' will show in the display. If this happens, return the switch to 0 then press to I and then to II.
- 4) To adjust the airflow, press the up/down arrows on left side of keypad. To adjust temperature, press the up/down arrows on right side of keypad. The number of bars above the arrows in the LCD correspond to the amount of airflow and temperature.
- 5) For OFF, press switch to the 0 position.

To lock the settings: After setting desired airflow and temperature, follow these steps.

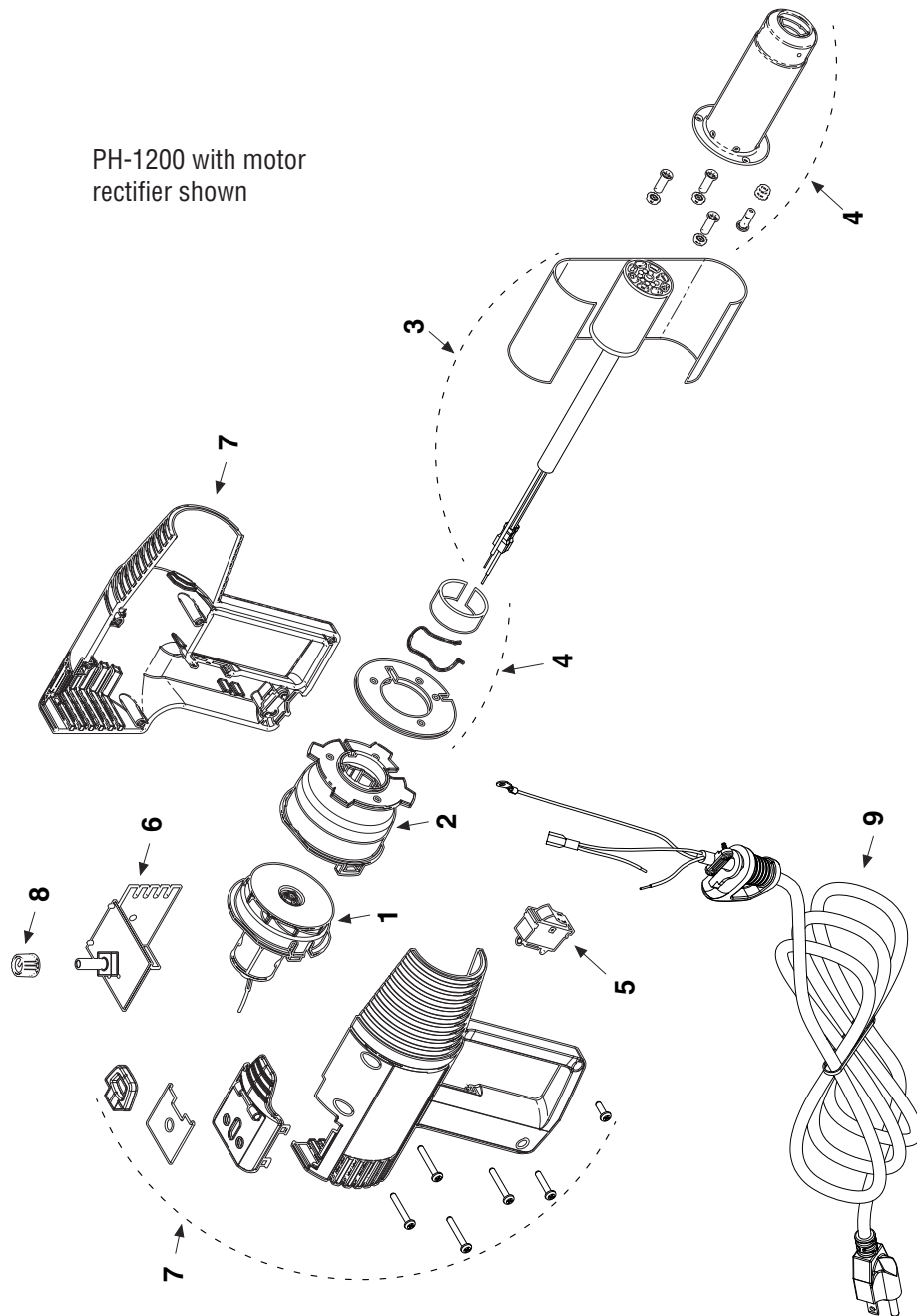
- 1) Press both blue buttons on left side for 5 seconds. See bar above temperature in LCD.
- 2) Press both red buttons. See second bar above the temperature readout on the LCD. Don't wait 5 seconds; go immediately to third step.
- 3) Press both blue buttons again. See bars have disappeared and icon is locked. **To unlock**, repeat the three steps (l-e-f-t, right, left). The icon will then show unlocked.

Preprogrammed heat-airflow settings: To move to each program (1-5), press the P button. The program number will show at top of the LCD readout and the heat gun will adjust to the new settings.

To change between Fahrenheit and Celsius: Press the bent arrow for 5 seconds. Caution: This button has 2 functions. If you press it too quickly after changing temperature or airflow, it will act in its Save mode (see below).

To program new settings: Whenever you adjust the temperature or airflow, a bar will appear in the LCD for a few seconds. While this bar is showing, save the new settings to the current Program by pressing the bent arrow button. Caution: The old settings will be permanently replaced by the new. Note: If you press the bent arrow when the bar is NOT showing in the display, the temperature readout will switch between Fahrenheit/Celsius (see above).

Exploded View



Replacement Parts

Item No.	Part No.	Description
1	35003	Motor/Fan Kit, with rectifier (PH-1000/2000, PH-1100/2100, PH-1200/2200)
1	35040	Motor/Fan Kit, without rectifier (PH-1400/2400, PH-1500/2500)
2	35014	Housing, turbine
3	35004	Element Kit, 120V, with mica (PH-1000, PH-1100)
3	35022 *	Element Kit, 230V, with mica (PH-2000, PH-2100)
3	35031	Element Kit, 120V, thermocouple, with mica (PH-1200, PH-1400, PH-1500)
3	35032 *	Element Kit, 230V, thermocouple, with mica (PH-2200, PH-2400, PH-2500)
4	35018	Nozzle Kit, with backplate
5	35000	Switch Kit, 3-position with diode (PH-1100, 2100)
5	35028	Switch Kit, 3-position (PH-1200-1500, 2200-2500)
5	35218	Switch Kit, momentary contact (PH-1000, 2000)
6	35036	Circuit Board Kit (for PH-1200/2200)
7	35316	Housing Kit (All models)
8	35318	Knob, control (All models)
9	35235	Cordset Kit, 120V
9	35236	Cordset Kit, 120V (for PH-1200 with motor rectifier)
9	35259 *	Cordset Kit, 230V, with terminal block (European)
9	35007 *	Cordset Kit, 230V, with terminal block (British)

* 230 Volt Models Only

Note: Kits include hardware (see exploded view)

Master Proheat® Heat Gun replacement parts and accessories are engineered and manufactured to precise Master Appliance specifications. Replacement parts and accessories from other manufacturers are not produced to these precise specifications and, therefore, may cause difficulties with—or actual damage to—a Master Proheat® Heat Gun. Master Appliance cannot assume any responsibility or liability for difficulties resulting from the use of any other brand of replacement parts or accessories with a Master Proheat® Heat Gun.

Accessoires

		1000/2000 Quick-Touch	1100/2100 Dualtemp	1200/2200 Varitemp	1400/2400 Dial-In	1500/2500 Programmable
35216		●	●	●	●	●
35336		●	●	●	●	●
35016		●	●	●	●	●
35260		●	●	●	●	●
35017		●	●	●	●	●
35261		●	●	●	●	●
35263		●	●	●	●	●
35292				●	●	●
35270				●	●	●
35293				●	●	●
35294				●	●	●
35295				●	●	●
35271				●	●	●
35296				●	●	●
35266				●	●	●
35267				●	●	●
35268				●	●	●
35269				●	●	●