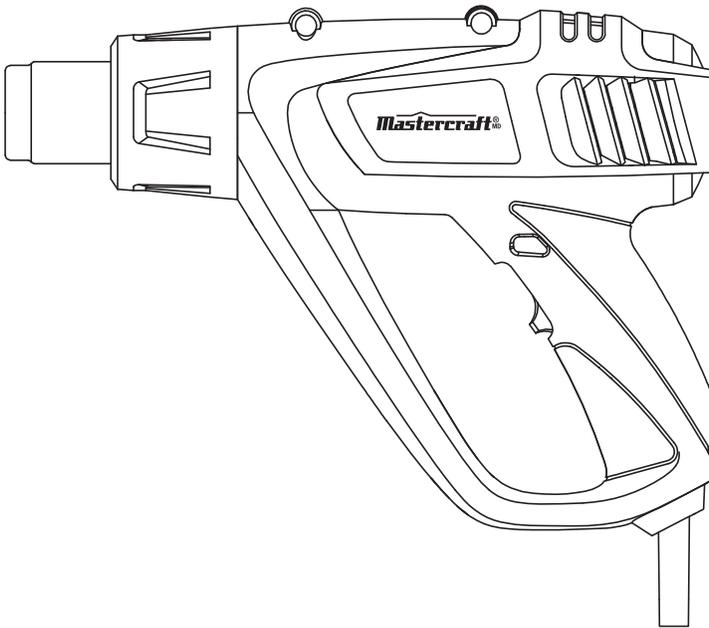


model no. 054-8296-0

Mastercraft[®] MD

CORDED HEAT GUN



IMPORTANT:

Please read this manual carefully before running this heat gun and save it for reference.

**INSTRUCTION
MANUAL**

TABLE OF CONTENTS

Technical specifications	4
General power tool safety warnings	5
Symbols	7
Key parts diagram	8
Accessories	9
Parts list	10
Operating instructions	12
Maintain tools with care	16
Troubleshooting	17
Warranty	18

NOTE:

If any parts are missing or damaged, or if you have any questions, please call our toll-free helpline at 1-800-689-9928.

**SAVE THESE INSTRUCTIONS**

This manual contains important safety and operating instructions. Read all instructions and follow them with use of this product.

TECHNICAL SPECIFICATIONS

Voltage:	120 V 60 Hz AC
Amps:	15 A
Temperature / flow rate:	I = 25°C (77°F), 150 L/min II = 350°C (662°F), 300 L/min III = 550°C (1022°F), 500 L/min
Protection class:	□ / II
Cord length:	6' (1.8 m)
Machine weight:	1 lb 14 oz (0.86 kg)

PERSONS REMOVING PAINT SHOULD BE FOLLOW THESE GUIDES:

- 1) Move the workpiece outdoors. If this is not possible, keep the work area well-ventilated. Open the windows and put an exhaust fan in one of them. Be sure the fan is moving the air from inside to outside.
- 2) Remove or cover any carpets, rugs, furniture, clothing, cooking utensils and air ducts.
- 3) Place drop cloths in the work area to catch any paint chips or peelings. Wear protective clothing such as extra work shirts, overalls and hats.
- 4) Work in one room at a time. Furnishings should be removed or placed in the centre of the room and covered. Work areas should be sealed off from the rest of the dwelling by sealing doorways with drop cloths.
- 5) Children, pregnant or potentially pregnant women and nursing mothers should not be present in the work area until the work is done and all clean up is complete.
- 6) Wear a dust respirator mask or a dual filter (dust and fume) respirator mask which has been approved by the Occupational Safety and Health Administration (OSHA), the National Institute of Safety and Health (NIOSH), or the United States Bureau of Mines. These masks and replaceable filters are readily available at major hardware stores. Be sure the mask fits. Beards and facial hair may keep masks from sealing properly. Change filters often. **DISPOSABLE PAPER MASKS ARE NOT ADEQUATE.**

**IMPORTANT SAFETY INSTRUCTIONS
WARNING!**

Extreme care should be taken when stripping paint. The peelings, residue and vapours of paint may contain lead, which is poisonous. Any pre-1977 paint may contain lead and paint applied to homes prior to 1950 is likely to contain lead. Once deposited on surfaces, hand-to-mouth contact can result in the ingestion of lead. Exposure to even low levels of lead can cause irreversible brain and nervous system damage; young and unborn children are particularly vulnerable.

Before beginning any paint removal process you should determine whether the paint you are removing contains lead. This can be done by your local health department or by a professional who uses a paint analyzer to check the lead content of the paint to be removed. **LEAD-BASED PAINT SHOULD ONLY BE REMOVED BY A PROFESSIONAL AND SHOULD NOT BE REMOVED USING A HEAT GUN.**

**WARNING!**

This product may contains lead, phthalate or other chemicals known to cause cancer, birth defects and other reproductive harm. Please wash your hands after use.

Hidden areas such as behind walls, ceilings, floors, soffit boards and other panels may contain flammable materials that could be ignited by the heat gun when working in these locations. The ignition of these materials may not be readily apparent and could result in property damage and injury to persons.

When working in these locations, keep the heat gun moving in a back-and-forth motion. Lingering or pausing in one spot could ignite the panel or the material behind it.

**WARNING!**

Read all safety warnings and instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.

- 7) Use caution when operating the heat gun. Keep the heat gun moving as excessive heat will generate fumes which can be inhaled by the operator.
- 8) Keep food and drink out of the work area. Wash hands, arms and face and rinse mouth before eating or drinking. Do not smoke or chew gum or tobacco in the work area.
- 9) Clean up all removed paint and dust by wet mopping the floors. Use a wet cloth to clean all walls, sills and any other surface where paint or dust is clinging. DO NOT SWEEP, DRY DUST OR VACUUM. Use a high phosphate detergent or trisodium phosphate (TSP) to wash and mop areas.
- 10) At the end of each work session put the paint chips and debris in a double plastic bag, close it with tape or twist ties and dispose of properly.
- 11) Remove protective clothing and work shoes in the work area to avoid carrying dust into the rest of the dwelling. Wash work clothes separately. Wipe shoes off with a wet rag that is then washed with the work clothes. Wash hair and body thoroughly with soap and water.

ADDITIONAL SAFETY RULES FOR YOUR HEAT GUN

1. This appliance has a polarized plug (one blade is wider than the other). To reduce the risk of electric shock, this plug is intended to fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician. Do not modify the plug in any way.
2. Always allow the heat gun to cool before storing. The hot nozzle can cause damage.
3. Never attempt to use the heat gun to dry animals, clothing or hair.
4. Do not leave the heat gun unattended when in use.
5. This product is designed for light domestic use only—it is not designed for industrial purposes. Even though every care has been taken to make the heat gun safe, accidents can happen. By following this simple safety guide, you can avoid serious accidents.
6. Be aware that heat may be conducted to combustible materials that are out of sight.
7. Double Insulation. When servicing, use only identical replacement parts.
8. To reduce the risk of fire or electric shock, do not expose this product to rain or moisture. Store indoors. Read instruction manual before using.
9. If the supply cord is damaged, it must be replaced by special assembly available from a service agent.

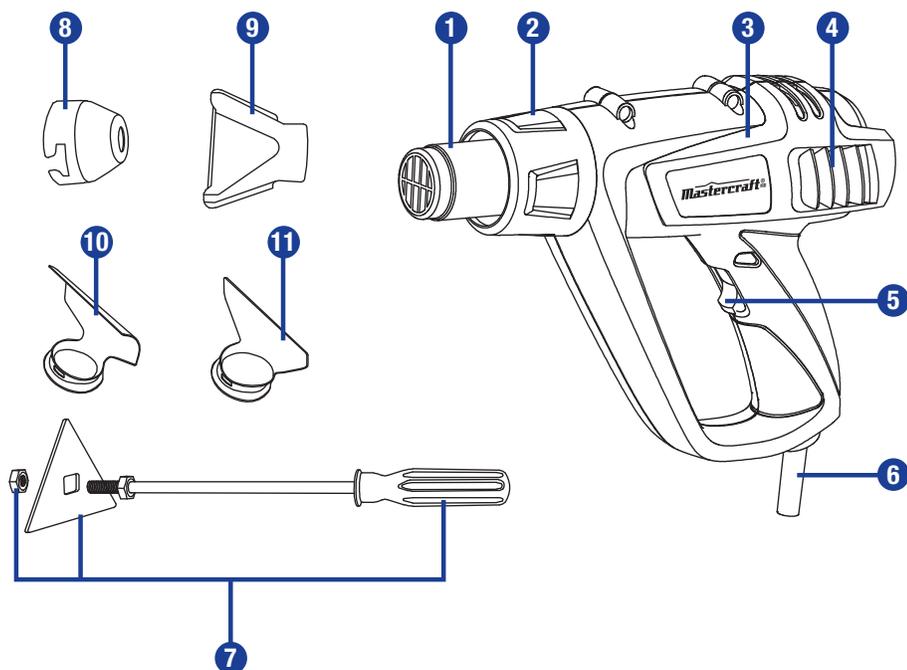
SYMBOLS

	To reduce the risk of injury, user must read instruction manual
	Double insulation
	Warning
	Wear eye protection
	Wear dust mask
	Don't use in the rain
	For indoor use only

KEY PARTS DIAGRAM

No.	Description
1	Nozzle
2	Heat protection guard
3	Main body
4	Air cooling window
5	On/off switch / airflow and temperature regulator
6	Main cable

No.	Description
7	Shave hook (1pc handle with 1pc triangle blade)
8	Concentration nozzle
9	Flat nozzle
10	Hook nozzle
11	Glass protection nozzle



Not all the accessories illustrated or described are included in standard delivery.

ACCESSORIES

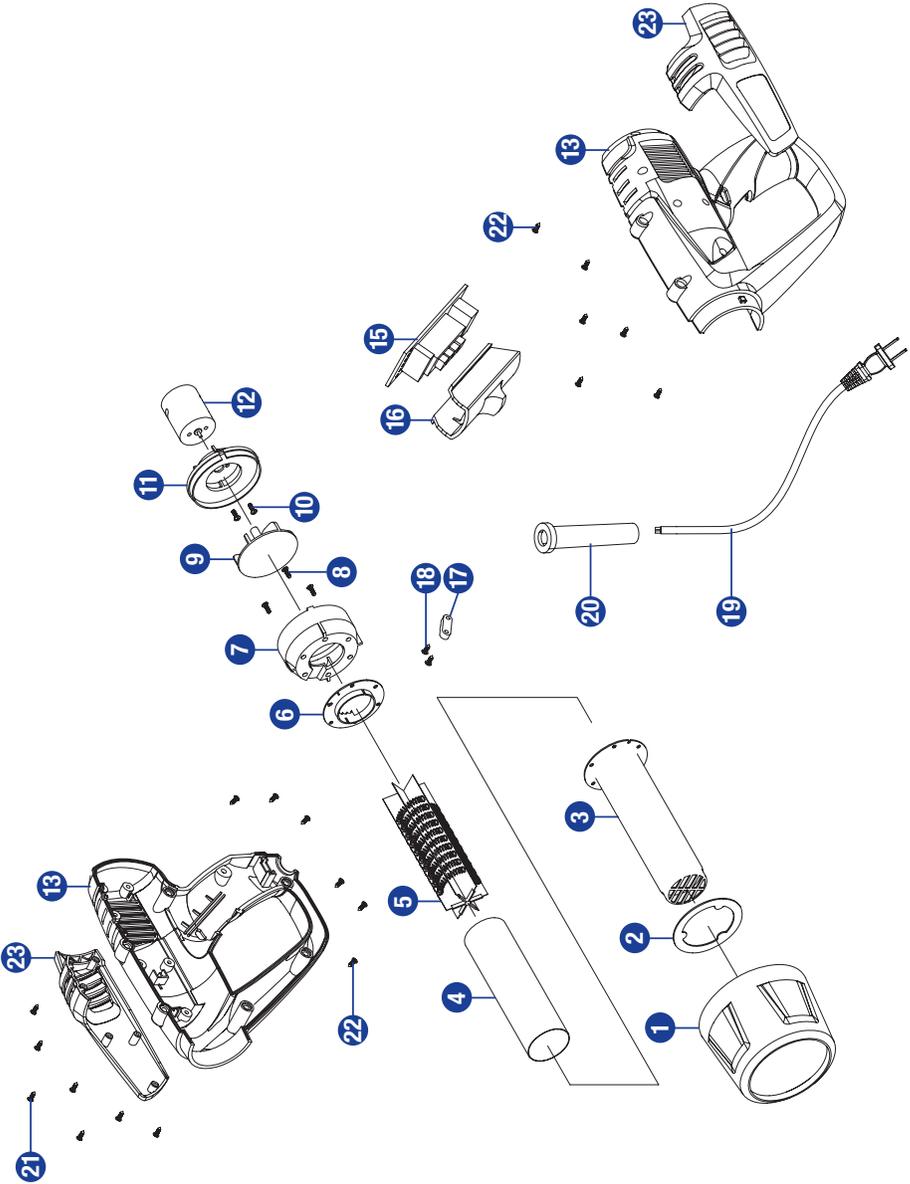
Glass protection nozzle	1
Flat nozzle	1
Hook nozzle	1
Concentration nozzle	1
Scraper	1
Scraper blade	3

We recommend that you purchase your accessories from the same store that sold you the tool. Use good-quality accessories marked with a well-known brand name. Choose the type according to the work you intend to undertake. Refer to the accessory packaging for further details. Store personnel can assist you and offer advice.

PARTS LIST

No.	Description	Qty.
1	Plastic tube	1
2	Steel plate	1
3	Steel tube	1
4	Micanite paper tube	2
5	Heating element	1
6	Washer	1
7	Fan cave	1
8	Screw	3
9	Fan	1
10	Screw	2
11	Motor bracket	1
12	Motor	1
13	Housing	1
15	Switch unit	1

No.	Description	Qty.
16	Switch push	1
17	Cable clamp	1
18	Self-tapping screw	4
19	Power cord	1
20	Cord sleeve	1
21	Self-tapping screw	7
22	Self-tapping screw	12
23	Housing cover	1



BEFORE USING HEAT GUN

Before starting the job it is advisable to test the workpiece for the ideal temperature to use. The description below gives an indication of the likely heat settings required but always start with the low heat setting.

The distance between the nozzle and the workpiece will vary according to the material being worked on but this should always be at least 2" (5 cm) or more on any heat setting.

All applications, with the exception of removing paint from the window frames, can be performed without using a nozzle; however for best results nozzles are recommended.

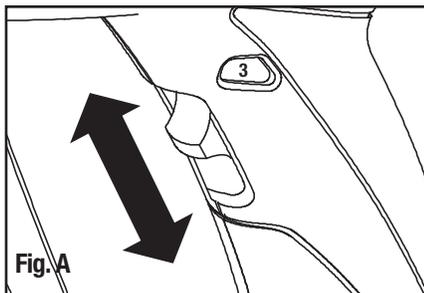
PUTTING INTO OPERATION (See Fig. A)**1. Switching on/off****Switching on:**

To put into operation, slide the switch (5) to position 1, 2 or 3.

Switching off:

To switch off, slide the on/off switch (5) to the stop at position 0.

After working for a longer time with high temperature, allow the unit to cool by running in position 1 before switching off.

**2. Thermal protection**

When the temperature is overloaded (e.g. as a result of restricted airflow), the heat gun will switch off automatically, however, the blower continues to run. Once the heat gun has cooled to operating temperature, the heat gun can be operated again.

3. Setting the airflow and temperature

The switch (5) can be set to three blower steps. Suitable airflow and temperature combinations can be selected according to the applications.

Position 1: 25°C (77°F), 150 L/min

Position 2: 250°C (662°F), 300 L/min

Position 3: 550°C (1022°F), 500 L/min

The position 1 is suitable for cooling a warmed workpiece or for the drying of paint. It is also suitable for cooling the unit before placing down or the changing of nozzles.

The position 2 is suitable for bending plastic and heating shrinking plastic.

The position 3 is suitable for stripping paint and defrosting pipes.



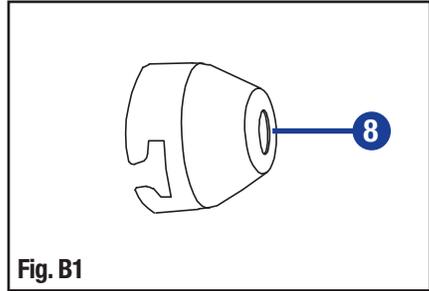
NOTE: Before using the tool, read the instruction book carefully.

NOZZLE SELECTION (See Fig. B1, B2, B3, B4, B5)

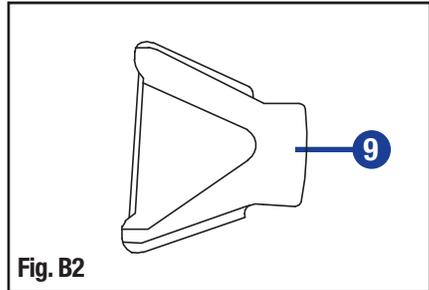
The kit is supplied with 4 nozzles of different shapes which can be used as follows:

1. Concentration Nozzle

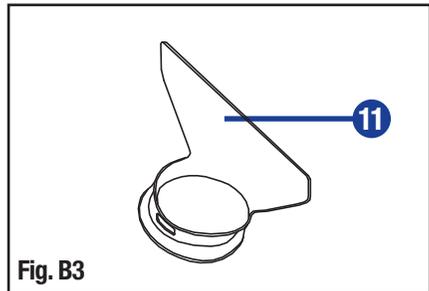
This nozzle directs a concentrated heat flow to the workpiece. It is ideal for use when removing paint in awkward corners, crevices, mouldings, beading, architraves or whenever precise paint removal is required.

**Fig. B1****2. Flat Nozzle**

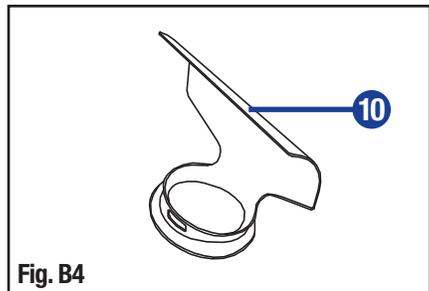
This nozzle directs a long narrow heat pattern to the workpiece, and is ideal for removing paint or varnish from large flat surfaces such as skirting boards, doors, stairs etc. It should be used in conjunction with a flat scraper. Vinyl tiles can be removed by softening the tile and adhesive.

**Fig. B2****3. Glass Protection Nozzle**

This nozzle deflects the heat away from glass or other fragile areas and back onto the workpiece.

**Fig. B3****4. Hook Nozzle**

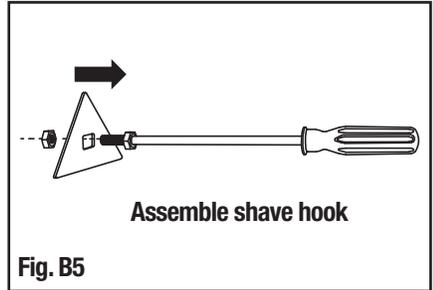
This nozzle disperses the heat flow evenly around the whole workpiece. It is ideal for defrosting frozen pipes, soldering pipe work, bending plastics and heat-shrinking electrical parts.

**Fig. B4**

5. Shave hook

Take the handle from the set, remove the nut from the end, and fit the triangle blade in place by refitting and tightening the nut. The triangular shave hook is ideal for stripping paint from flat wooden surface and edges.

Remember to clean the blade after use with wire wool and lightly oil before storing.



REMOVING PAINT

Choose the required nozzle and fit onto the heat outlet. Select the scraper or shave hook required. Hold the gun with the nozzle approximately 2" (5 cm) from the surface of the paintwork and start with the lower heat setting move it slowly backwards and forwards until the paint blisters and bubbles. Immediately remove the paint with the scraper or shave hook. Aim to heat the paint just ahead of the scraper so that you can develop a continuous action. Do not heat the paint for too long, as this will burn the paint making it difficult to remove.

Most stickers can also be removed from paintwork by using the heat to soften the adhesive. Be careful not to direct the heat for too long if you are trying just to remove the stickers, as this will blister the paint.

REMOVING PAINT FROM WINDOW FRAMES

WARNING: Glass can break easily.

Always use the glass protection nozzle. Ensure you have the nozzle facing the correct way to deflect the heat away from the glass before you switch on. Rotate the gun or nozzle 90° as you move to horizontal or vertical bead. Allow nozzle to cool before attempting to turn it. Paint can be removed from profile surfaces by using a shave hook and/or a soft wire brush.

DEFROSTING FROZEN PIPES

WARNING: Do not attempt to defrost PVC pipes. Always check that it is a water pipe and not a gas pipe. Do not heat a gas pipe.

Choose the hook nozzle (10) and fit over the nozzle (1). Always heat from one or other end of the frozen portion, not from the middle.

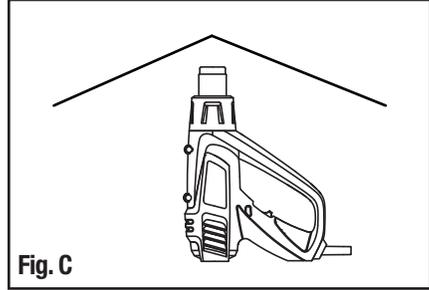
SHRINK-SEALING ELECTRICAL CABLE

Choose the hook nozzle (10) and fit over the nozzle (1). Select a heat-shrinkable sleeve with a diameter matching that of the workpiece. Evenly heat the sleeve.

BENDING PLASTIC TUBE (See Fig. C)

WARNING: Protect hands from heat.

Choose the hook nozzle (10) and fit over the nozzle (1). Turn the gun upside down and place on its clip stand so that it is resting on a secure bench with the nozzle pointing upwards. To avoid buckling or kinking the tube, fill the tube with dry sand and seal at both ends. Heat the tube evenly by moving from side to side and bend to required shape.



MAINTAIN TOOLS WITH CARE

Remove the plug from the socket before carrying out any adjustment, servicing or maintenance.

Your power tool requires no additional lubrication or maintenance. There are no user-serviceable parts in your power tool. Never use water or chemical cleaners to clean your power tool. Wipe clean with a dry cloth. Always store your power tool in a dry place.

Keep the motor ventilation slots clean. Keep all working controls free of dust.

Periodically clear dust and chips from guard and base to ensure proper performance.

Occasionally you may see sparks through the ventilation slots. This is normal and will not damage your power tool.

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.

TROUBLESHOOTING

1. If your heat gun will not operate, check the power at the mains plug.
2. If the outlet of the heat gun becomes very hot, please rest until cold.
3. If a fault can not be rectified, return the tool to an authorized dealer for repair.

This Mastercraft product is guaranteed for a period of 3 years from the date of original retail purchase against defects in workmanship and materials, except for the following components:

- a) Component A: Batteries, chargers and carrying case, which are guaranteed for a period of 2 years from the date of original retail purchase against defects in workmanship and materials;
- b) Component B: Accessories, which are guaranteed for a period of 1-year from the date of original retail purchase against defects in workmanship and materials.

Subject to the conditions and limitations described below, this product, if returned to us with proof of purchase within the stated warranty period and if covered under this warranty, will be repaired or replaced (with the same model, or one of equal value or specification), at our option. We will bear the cost of any repair or replacement and any costs of labour relating thereto.



These warranties are subject to the following conditions and limitations:

- a) a bill of sale verifying the purchase and purchase date must be provided;
- b) this warranty will not apply to any product or part thereof which is worn or broken or which has become inoperative due to abuse, misuse, accidental damage, neglect or lack of proper installation, operation or maintenance (as outlined in the applicable owner's manual or operating instructions) or which is being used for industrial, professional, commercial or rental purposes;
- c) this warranty will not apply to normal wear and tear or to expendable parts or accessories that may be supplied with the product that are expected to become inoperative or unusable after a reasonable period of use;
- d) this warranty will not apply to routine maintenance and consumable items such as, but not limited to, fuel, lubricants, vacuum bags, blades, belts, sandpaper, bits, fluids, tune-ups or adjustments;
- e) this warranty will not apply where damage is caused by repairs made or attempted by others (i.e. persons not authorized by the manufacturer);
- f) this warranty will not apply to any product that was sold to the original purchaser as a reconditioned or refurbished product (unless otherwise specified in writing);
- g) this warranty will not apply to any product or part thereof if any part from another manufacturer is installed therein or any repairs or alterations have been made or attempted by unauthorized persons;
- h) this warranty will not apply to normal deterioration of the exterior finish, such as, but not limited to, scratches, dents, paint chips, or to any corrosion or discolouring by heat, abrasive and chemical cleaners; and
- i) this warranty will not apply to component parts sold by and identified as the product of another company, which shall be covered under the product manufacturer's warranty, if any.

Additional Limitations

This warranty applies only to the original purchaser and may not be transferred. Neither the retailer nor the manufacturer shall be liable for any other expense, loss or damage, including, without limitation, any indirect, incidental, consequential or exemplary damages arising in connection with the sale, use or inability to use this product.

Notice to Consumer

This warranty gives you specific legal rights, and you may have other rights, which may vary from province to province. The provisions contained in this warranty are not intended to limit, modify, take away from, disclaim or exclude any statutory warranties set forth in any applicable provincial or federal legislation.

Made in china

Imported by Mastercraft Canada Toronto, Canada M4S 2B8

