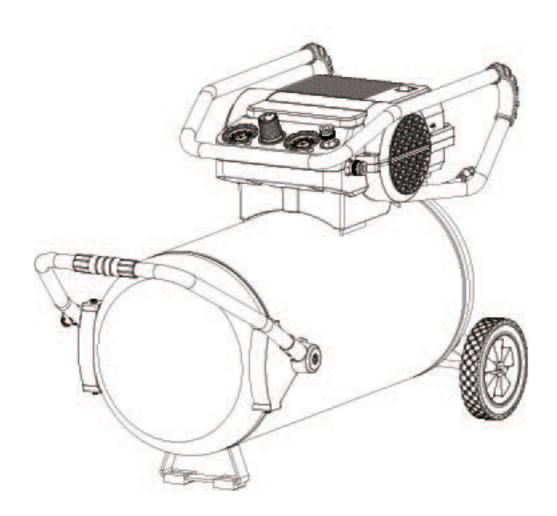


AIR COMPRESSOR



IMPORTANT:

Read and understand this instruction manual thoroughly before using the product. It contains important information for your safety as well as operating and maintenance advice.

INSTRUCTION MANUAL



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TECHNICAL SPECIFICATIONS	4
SAFETY GUIDELINES	5
KEY PARTS DIAGRAM	8
KEY PARTS LIST	9
INTENDED USE	10
ASSEMBLY	12
OPERATING INSTRUCTIONS	14
MAINTENANCE	18
TROUBLESHOOTING	20
EXPLODED VIEW	22
PARTS LIST	23
WARRANTY	24

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

Keep this instruction manual for future use. Should this product be passed on to a third party, this instruction manual must be included.

SAFETY GUIDELINES

TECHNICAL SPECIFICATIONS

RUNNING HP	2.0
TANK SIZE	20 U.S. GALLONS (75.7 L)
AIR DELIVERY (CFM*) @ 40 PSI	6.0
AIR DELIVERY (CFM*) @ 90 PSI	5.0
CUT-IN PRESSURE (PSI)	120
CUT-OUT PRESSURE (PSI)	150
PUMP DESIGN	OIL-LESS
MOTOR	INDUCTION
POWER	120 V, 60 Hz, 13 A
WEIGHT	90 lb 6 oz (41.5 kg)
POWER CORD	SJT 14 AWG/72" (1.83 m)

*CFM: Cubic feet per minute

This manual contains information that relates to **PROTECTING PERSONAL SAFETY** and **PREVENTING EQUIPMENT PROBLEMS**. It is very important to read this manual carefully and understand it thoroughly before using the product. The symbols listed below are used to indicate this information.

Safety Advice



RISK OF FIRE OR EXPLOSION. Do not spray a flammable or combustible liquid or paint near sparks, flames, pilot lights or in a confined area. The spray area must be well ventilated. Keep the compressor at least 20' (6.1 m) away from the spray area. Do not carry or operate the compressor or any other electrical device near the spray area. Never smoke when spraying. Use a minimum of 25' (7.6 m) of hose to connect a spray gun to the compressor.



RISK OF ELECTRIC SHOCK. Do not expose to rain. Store indoors. Hazardous voltage. Disconnect from power source before servicing. The compressor must be grounded. Do not use grounding adaptors.



RISK OF BURSTING. Make sure the regulator is adjusted so that the compressor outlet pressure is set lower than the maximum operating pressure of the spray gun or tool. Before starting the compressor, pull the ring on the safety valve to make sure the valve moves freely (see diagram on page 19). Drain water from the tank after each use. Do not weld or repair the tank.



RISK OF PERSONAL INJURY. Never spray compressed air or material at yourself or others.



RISK OF BURSTING. Check the maximum pressure rating in the manual or on the identification label. The compressor outlet pressure must be regulated so that it does not exceed the maximum pressure rating. Relieve all pressure in the hose before removing or attaching accessories.



RISK OF BURSTING. Do not adjust the pressure switch or safety valve for any reason. They have been preset at the factory for this compressor's maximum pressure. Tampering with the pressure switch or the safety valve may cause personal injury or property damage.

IMPORTANT!

Installation, operation or maintenance information that is important but not hazard related.



/!\ DANGER!

Potential hazard that will result in serious injury or loss of life.



/!\ WARNING!

Potential hazard that could result in serious injury or loss of life.



Potential hazard that may result in moderate injury or damage to equipment.

SAFETY GUIDELINES

Mastercra



RISK OF BURNS. The pump and the manifold generate high temperatures. In order to avoid burns or other injuries, do not touch the pump, the manifold or the transfer tube while the compressor is running. Allow the parts to cool down before handling or servicing. Keep children away from the compressor at all the times.



RISK OF INHALATION. Be certain to read all labels when you are spraying paints or toxic materials, and follow all safety instructions. Use a respirator mask if there is a chance of inhaling anything you are spraying. Also, NEVER directly inhale the air produced by a compressor.



RISK OF EYE INJURY. Wear ANSI Z87.1 approved safety goggles when using an air compressor. Do not point any nozzle or sprayer toward a person or any part of the body. Serious injury may occur if the spray penetrates the skin.

$\overline{\Lambda}$

WARNING!

- Pull the pressure safety valve ring every day in order to ensure that the valve is functioning properly.
- The compressor must be located in a well ventilated area for cooling, and must be a minimum of 12" (31 cm) away from the nearest wall.
- Protect the air hose and the power cord from damage and puncture. Inspect them for weak or worn spots every week, and replace them if necessary.
- Always wear hearing protection when using an air compressor. Failure to do so may result in hearing loss.
- Do not carry the compressor while it is running.
- Do not operate the compressor if it is not in a stable position.
- Do not operate the compressor on a rooftop or an elevated position that could allow the unit to fall or be tipped over.
- Always replace a damaged gauge before operating the unit again.

Extension cords

As the distance from the supply outlet increases, you must use a heavier gauge extension cord. Using extension cords with inadequately sized wire causes a serious drop in voltage, resulting in loss of power and possible product damage. Refer to the table here to determine the required minimum wire size.

Recommended Minimum Wire Gauge for Extension Cords* (120V)

AMPERE	CORD SIZE IN AWG (AMERICAN WIRE GAUGE)					
RATING	Extension cord length					
TUATHIC	25' (7.6 m)	50' (15 m)	75' (23 m)	100' (30 m)	150' (46 m)	200' (60 m)
0 - 5	16	16	16	14	12	12
5.1 - 8	16	16	14	12	10	_
8.1 - 12	14	14	12	10	_	_
12.1 - 15	12	12	10	10	_	_
15.1 - 20	10	10	10	_	_	_

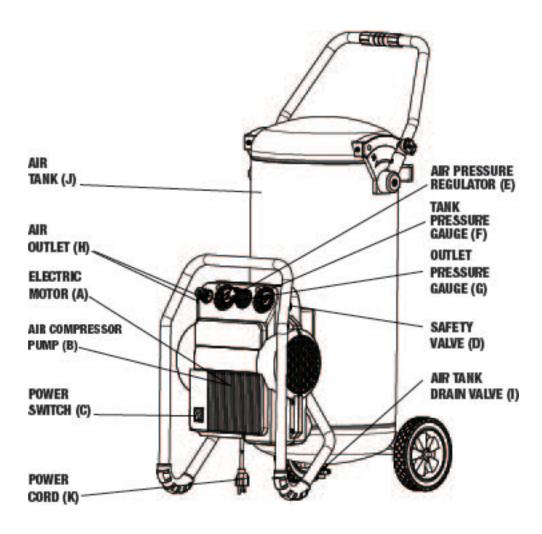
^{*} Based on limiting the line voltage drop to five volts at 150% of the rated amperes.

The smaller the gauge number of the wire, the greater the capacity of the cord. For example, a 14-gauge cord can carry a higher current than a 16-gauge cord. When using more than one extension cord to make up the total length, be sure each cord contains at least the minimum wire size required.

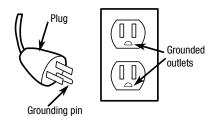
Guidelines for using extension cords

- If you are using an extension cord outdoors, be sure it is marked with the suffix "W-A" ("W" in Canada) to indicate it is acceptable for outdoor use.
- Ensure your extension cord is properly wired and in good electrical condition. Always replace a
 damaged extension cord or have it repaired by a qualified technician before using it.
- Protect your extension cords from sharp objects, excess heat, and damp or wet areas.

KEY PARTS DIAGRAM



- **A. ELECTRIC MOTOR:** The motor is used to power the pump. It is equipped with a thermal overload protector. If the motor overheats for any reason, the thermal overload protector will shut it down in order to prevent the motor from being damaged.
- **B. AIR COMPRESSOR PUMP:** The pump compresses the air and discharges it into the tank via the piston that moves up and down in the cylinder.
- **C. POWER SWITCH:** This switch turns the compressor on and off. It is operated manually. When it is in the ON position, it allows the motor to start if the pressure in the air tank is below the factory set cut-in pressure and it causes the motor to stop if the pressure in the air tank reaches the factory set cut-off pressure. Be sure to set this switch to the OFF position when the compressor is not being used and before unplugging the compressor.
- **D. SAFETY VALVE:** This valve is used to prevent system failure by draining pressure from the system when it reaches a preset level if the pressure switch has not shut down the motor. It will pop open automatically, or it can be activated manually by pulling the ring on the valve.
- **E. AIR PRESSURE REGULATOR:** The regulator is used to adjust the pressure inside the line to the tool that is being used. Turn the knob clockwise to increase the pressure and counter-clockwise to decrease the pressure.
- **F. TANK PRESSURE GAUGE:** The gauge measures the pressure level of the air that is stored in the tank. It cannot be adjusted by the operator and it does not indicate the pressure inside the line.
- **G. OUTLET PRESSURE GAUGE:** The gauge measures the regulated outlet pressure.
- **H. AIR OUTLET:** The outlet is connected to the 1/4" (6.4 mm) NPT air hose.
- **I. AIR TANK DRAIN VALVE:** The drain valve is used to remove moisture from the air tank after the compressor is shut off.
- **J. AIR TANK:** The tank is where the compressed air is stored.
- **K. POWER CORD:** This compressor should be used on a nominal 120V grounded circuit. Use a power cord that is equipped with a grounding plug. Verify that the compressor is plugged into an outlet that has the same configuration as the plug. Do not use an adaptor with this compressor.





WARNING!

Do not exceed the tool's maximum working pressure.



WARNING!

Do not attempt to open the drain valve when there is more than 10 PSI of air pressure in the tank.

Before you start

This Mastercraft® Air Compressor is ideal for a wide range of applications from fastening to greasing and engine cleaning. The 20-gallon (75.7-L) design provides optimum pressure. It features an oil-free pump and uses a 2 HP induction motor for powerful operation.

The procedures described in this manual are solely for this 20-gallon (75.7-L) air compressor at a maximum pressure of 150 PSI. The device has been designed/constructed for household use only.

Compatible compressor and air tool: proper usage and operation

Always ensure the use of appropriately matched air tools with your Mastercraft® Air Compressor. Be sure that the air compressor being used can supply the appropriate volume, pressure and delivery rate of air to the tool(s) without running continuously. Using tools, or combinations of tools together or separately, that require more than the air compressor can deliver will void the air compressor guarantee/warranty.

Tool Co	mpatibility Chart			
Air Tool		-	Operates Tool Intermittently	Not Recommended
36	Inflation/Recreation		merimicality	necommended
	Finishing Nailer (16-gauge)			
	Framing Nailer			
	Flooring Nailer			
	Die Grinder / Angle Grinder / Air Ratchet			
	Cut-Off Tools		lacktriangledown	
	Paint Sprayer			
	Brad Nailer (18-gauge)			
	3-in-1 Brad/Finishing/Stapler			
Þ	Roofing Nailer			
	Impact Wrench	•		
	Drill/Hammer/Chisel/Shears			
3	Sander/Polisher		•	
	Grease/Caulking Gun			

WARNING!

ASSEMBLY

Assembly 1. Unpack th

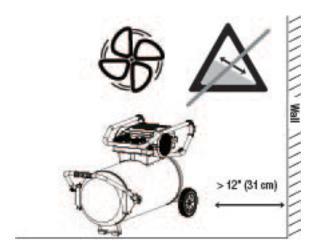
1. Unpack the air compressor. Inspect the unit for damage. If the unit has been damaged, contact the retailer immediately.

THE CARTON SHOULD CONTAIN:

- Air compressor.
- Owner's manual.
- **2.** Check the air compressor's identification label to ensure that you have purchased the intended model and that it has the required pressure rating for its intended use.

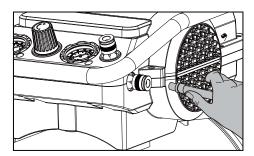
3. Positioning the air compressor:

- a. Position the air compressor near an electrical outlet.
- b. The compressor must be at least 12" (31 cm) from any wall or obstruction, in a clean, well ventilated area to ensure sufficient air flow and cooling.
- c. Place the air compressor on the floor or a hard, level surface. The air compressor must be level to ensure proper drainage of the moisture in the tank.



4. Connect the air hose to the compressor.

• Connect the air hose (not provided) to the compressor's air outlet (H).

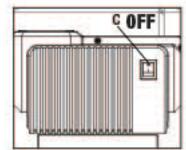




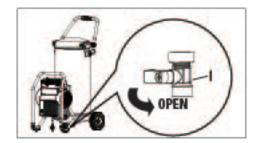
OPERATING INSTRUCTIONS

Breaking in the pump

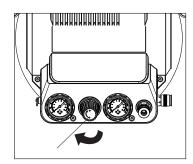
1. Set the power switch (C) to the O (OFF) position.



2. Open the tank drain valve (I) by turning it counter-clockwise to permit the air to escape and prevent air pressure build-up in the air tank during the break-in period.

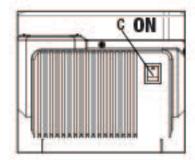


3. Turn the air pressure regulator (E) clockwise until it stops.

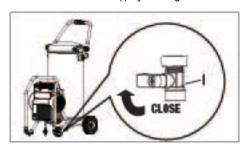


4. Plug in the power cord (K).

5. Set the power switch (C) to the (ON) position. The compressor will start. Run the compressor for 30 minutes. If it fails, turn it off immediately and call the toll-free helpline at: 1-800-689-9928. Please note that breaking in the unit is only required prior to first use.



- **6.** After 30 minutes, turn off the power switch (C).
- 7. Close the tank drain valve (I) by turning it clockwise.



8. Set the power switch (C) to the I (ON) position. The air receiver will fill to "cut-out" pressure and then the compressor's motor will stop. The compressor is now ready for use.

NOTE: A circuit breaker is recommended. If the air compressor is connected to a circuit protected by a fuse, use dual-element time delay fuses (type "T" only).



CAUTION!

Use a dedicated circuit.

For best performance and reliable starting, the air compressor should be plugged into a dedicated circuit, as close as possible to the fuse box or circuit breaker.

The compressor will use the full capacity of a typical 13A household circuit. If any other electrical devices are drawing from the compressor's circuit, the air compressor may fail to start. Low voltage or an overloaded circuit can result in sluggish starting that causes the motor overload protection system or circuit breaker to trip, especially in cold conditions.

OPERATING INSTRUCTIONS

Before each start-up

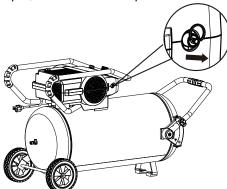
- **1.** Set the power switch (C) to the O (OFF) position.
- 2. Turn the air pressure regulator knob (E) counter-clockwise until it stops.
- 3. Attach the hose and accessories.

How to start

- 1. Close the tank drain valve (I).
- 2. Plug in the power cord (K).
- 3. Set the power switch (C) to the I (ON) position and allow tank pressure to build. The motor will stop when the tank pressure reaches the "cut-out" pressure.
- **4.** Turn the air pressure regulator knob (E) clockwise until the desired pressure is reached.
- **5.** The compressor is ready for use.

How to shut down

- 1. Set the power switch (C) to the O (OFF) position.
- 2. Unplug the power cord (K).
- 3. Reduce the pressure in the tank through the outlet hose. Pulling the safety valve (D), and keeping it open, will also reduce the pressure in the tank.



Λ

WARNING!

Risk of bursting. Too much air pressure causes a hazardous risk of bursting. Check the manufacturer's maximum pressure rating for air tools and accessories. The regulator outlet pressure must never exceed the maximum pressure rating.



WARNING!

If the pump has been transported or turned upside down (even partially), allow the pump to sit in a normal, upright position for approximately 10 minutes before starting.

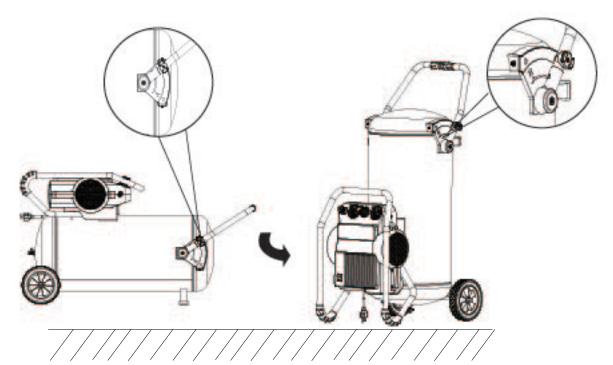


WARNING!

High temperatures are generated by the electric motor and the pump. To prevent burns or other injuries, DO NOT touch the air compressor while it is running. Allow it to cool before handling or servicing. Keep children away from the air compressor at all times.

Vertical/Horizontal option for operation

- 1. It is recommended to use the unit in a horizontal position, but the unit can be used vertically if needed.
- 2. Adjust and insert the handle knob into position "H" or "V" to operate horizontally or vertically.





CAUTION!

Escaping air and moisture can propel debris that may cause eye injury. Wear safety goggles when opening the drain valve.



CAUTION!

This air compressor is supposed to be stored in ambient temperature conditions: centigrade temperature from 20 to 30° C.



WARNING!

To avoid personal injury, always shut off and unplug the unit, and relieve all air pressure from the system before performing any service on the air compressor.



WARNING!

Risk of unsafe operation. The unit cycles automatically when power is on. When performing maintenance, you may be exposed to voltage sources or compressed air. Disconnect the power source from the compressor and bleed off all air pressure.

MAINTENANCE

ITEM	DESCRIPTION/REASON	SERVICE INTERVAL
Drain the tank	Through normal operation of your air compressor, water condensation will accumulate in the tank. To prevent corrosion of the tank from the inside, condensation must be drained at the end of every workday. Be sure to wear protective goggles. Relieve the air pressure in the system, then open the drain valve on the bottom of the tank to drain. In cold conditions it is especially important to drain the tank after each use to reduce the chance of problems resulting from the freezing of water condensation. NOTE: Refer to the instructions on how to drain the tank (page 19).	Daily
Check the valve	Pull/activate the safety valve daily to ensure that it is operating properly and to clear the valve of any possible obstructions.	Daily
Test for leaks	Check that all connections are tight. Small leaks in the tank, hoses, connections or transfer tubes will substantially reduce the air compressor and tool performance. Spray a small amount of soapy water around the area of suspected leaks with a spray bottle. If bubbles appear, repair, replace or reseal the faulty component. Do not over-tighten any connections.	Monthly
Storage	Before storing the air compressor, do the following: • Drain the tank (page 19). • Use an air blow gun to clean all dust and debris from the compressor. • Disconnect and wind up the power cord. • Clean the ventilation openings on the motor enclosure with a damp cloth. • Drain all moisture from the tank. • Pull the pressure safety valve to release all pressure from the tank. • Cover the entire unit to protect it from moisture and dust. • Store the air compressor in a clean and dry location. • In cold weather, store the compressor in a warm building when it is not in use. This will reduce problems related to starting the motor and the freezing of water condensation.	Prior to storing

To check the safety valve.

Before starting the compressor, pull the ring on the safety valve (D) to make sure
that the safety valve operates freely. If the valve is stuck or does not operate
smoothly, contact a trained service technician.



To drain the tank.

- 1. Set the power switch (C) to the OFF position.
- **2.** Unplug the power cord (K).
- 3. Turn the air pressure regulator (E) counter-clockwise to set the outlet pressure to zero.
- 4. Pull and hold the ring on the safety valve (D), allowing air to bleed from the tank until air pressure is minimized
- 5. Place a suitable container under the unit to catch water.
- **6.** Slightly tilt the unit and turn the drain valve (I) counter-clockwise to open.
- 7. After the water has been drained, close the drain valve (I) by turning it clockwise. The air compressor can now be stored.

NOTE: Allow the unit to cool before draining the tank. The drain valve (I) becomes hot during operation.

NOTE: Troubleshooting problems may have similar causes and solutions.

NOTE: Disconnect the electrical plug and disconnect any tools from the air supply before attempting any adjustment.



WARNING

Risk of bursting. If the safety valve does not work properly, over-pressurization may occur causing air tank rupture or an explosion.



WARNING!

Risk of bursting. Water will condense in the air tank. If not drained, water will corrode and weaken the air tank causing a risk of air tank rupture.



WARNING!

If any of the following symptoms appears while operating the product, stop using the product immediately or serious personal injury could result. Only an authorized service centre should perform repairs on this product.

TROUBLESHOOTING

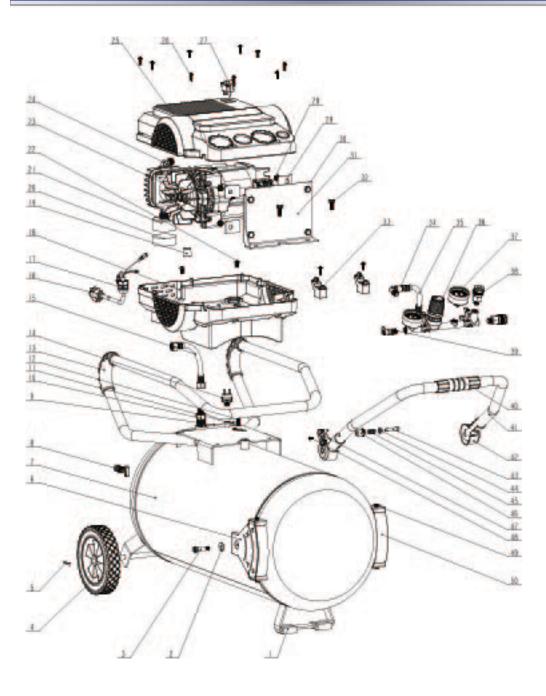


PROBLEM	POSSIBLE CAUSES	SOLUTIONS
	The power cord is not plugged in.	Plug the power cord into a grounded outlet.
	The power switch is in the 0 (OFF) position.	Set the power switch to the I (ON) position.
	The extension cord is the wrong wire gauge or is too long.	Check the extension cord information (page 7) for the proper wire gauge and cord length.
	The motor's thermal overload protection has tripped.	Turn the air compressor off, unplug the power cord and wait until the motor has cooled down. Plug in the power cord only after the motor has cooled down, and wait at least 5 minutes to make sure the thermal overload protector has recovered.
The motor will		Replace the fuse or reset the circuit breaker. Verify that the fuse has the proper amperage.
not run or start.	A fuse has blown or a circuit	Check for low voltage conditions.
	breaker has been tripped.	Disconnect any other electrical appliances from the circuit or operate the compressor on a dedicated circuit.
	The air tank pressure exceeds the preset pressure switch limit.	The motor will start automatically when the tank pressure drops below the cut-in pressure.
	The safety valve is stuck open.	Clean or replace the safety valve.
	Electrical connections are loose.	Have the compressor serviced by a qualified technician.
	The motor, capacitor, or safety valve is defective.	Have the compressor serviced by a qualified technician.
The motor runs continuously	The power switch does not shut off the motor when the air compressor reaches the cut-out pressure and the safety valve activates.	Set the power switch to the OFF position. If the motor does not shut off, unplug the air compressor. If the power switch is defective, replace it.
when the power switch is in the ON position.	The compressor's capacity is not enough.	Check the air requirements of the accessory that is being used. If it is higher than the CFM (Cubic Feet per Minute) and pressure supplied by the compressor (page 4), a larger capacity air compressor is needed. Most accessories are rated at 25% of the actual CFM while running continuously.

PROBLEM	POSSIBLE CAUSES	SOLUTIONS
The regulator does not regulate the pressure.	The regulator or its internal parts are dirty or damaged.	Replace the regulator.
	There is a leak at one of the fittings.	Check the fittings with soapy water. Tighten or reseal leaking fittings (apply plumber's tape on threads). Do not over-tighten.
The pressure is	The tank drain valve is open.	Close the drain valve.
low or there is not enough air.	Prolonged excessive use of air.	Decrease the amount of air used.
	There is a hole in the air hose.	Check the air hose and replace it if necessary.
	The tank leaks.	Replace the tank immediately. Do not attempt to repair it.
	The valve is leaking.	Check for worn parts and replace them if necessary.
There is moisture in the discharge air.	There is condensation in the air tank caused by a high level of atmospheric humidity or because the air compressor has not been running long enough.	Drain the air tank after each use. Drain the air tank more often in humid weather and use an air line filter.
The	The ventilation is inadequate.	Relocate the compressor to an area with cool, dry and well circulated air.
compressor overheats.	Cooling surfaces are dirty.	Clean all cooling surfaces on the pump and the motor thoroughly.
	The valve is leaking.	Replace worn parts and reassemble using new teflon tape.

EXPLODED VIEW

Mastercraft*



2 Washer Ø8 2 28 Nut M8 3 Handle Bolt 2 29 Rubber Foot 4 Wheel 2 30 Bolt M8X25 5 Cotter Pin 2 31 Motor Holder 6 Handle Bracket (left) 1 32 Bolt M8X20 7 Air Tank 1 33 Regulator Holder 8 Drain Valve 1 34 Right Elbow 9 Internal Wire 1 35 Rubber Hose 10 Check valve 1 36 Regulator 11 Locking Washer 2 37 Pressure Gauge 12 Screw M5X10 2 38 Quick Coupler 13 Rubber Sleeve 2 39 Safety Valve 14 Power switch 1 40 Handle Grip 15 Metal tube 1 41 Handle 16 Power Cord 1 42 Handle Sleeve 17 Strain Relief 1 43 Axle 18 Bottom Shroud 1 44 Axle Sleeve 19 Cushion Pad 1 45 Spring 20 Foam Filter 1 46 Bushing 21 Filter Holder 1 47 Knob 22 Screw M6X12 2 48 Phillips Countersunk Screw M5X12 24 Right Elbow 1 50 Handle Bracket (right) 25 Top Shroud 1	١٥.	DESCRIPTION	QTY.	NO.	DESCRIPTION	
Handle Bolt 2 29 Rubber Foot	1	Rubber Pad	2	27	Power Switch	
Wheel 2 30 Bolt M8X25	2	Washer Ø8	2	28	Nut M8	
5 Cotter Pin 2 31 Motor Holder 6 Handle Bracket (left) 1 32 Bolt M8X20 7 Air Tank 1 33 Regulator Holder 8 Drain Valve 1 34 Right Elbow 9 Internal Wire 1 35 Rubber Hose 10 Check valve 1 36 Regulator 11 Locking Washer 2 37 Pressure Gauge 12 Screw M5X10 2 38 Quick Coupler 13 Rubber Sleeve 2 39 Safety Valve 14 Power switch 1 40 Handle Grip 14 Power switch 1 41 Handle 16 Power Cord 1 42 Handle Sleeve 17 Strain Relief 1 43 Axle 18 Bottom Shroud 1 45 Spring 20 Foam Filter 1 46 Bushing	3	Handle Bolt	2	29	Rubber Foot	
66 Handle Bracket (left) 1 32 Bolt M8X20 67 Air Tank 1 33 Regulator Holder 68 Drain Valve 1 34 Right Elbow 69 Internal Wire 1 35 Rubber Hose 10 Check valve 1 36 Regulator 11 Locking Washer 2 37 Pressure Gauge 12 Screw M5X10 2 38 Quick Coupler 13 Rubber Sleeve 2 39 Safety Valve 14 Power switch 1 40 Handle Grip 15 Metal tube 1 41 Handle 16 Power Cord 1 42 Handle Sleeve 17 Strain Relief 1 43 Axle 18 Bottom Shroud 1 44 Axle Sleeve 19 Cushion Pad 1 45 Spring 20 Foam Filter 1 46 Bushing <td>4</td> <td>Wheel</td> <td>2</td> <td>30</td> <td>Bolt M8X25</td> <td></td>	4	Wheel	2	30	Bolt M8X25	
Air Tank	5	Cotter Pin	2	31	Motor Holder	
Drain Valve 1 34 Right Elbow Internal Wire 1 35 Rubber Hose Check valve 1 36 Regulator Locking Washer 2 37 Pressure Gauge Screw M5X10 2 38 Quick Coupler Rubber Sleeve 2 39 Safety Valve Handle Grip Metal tube 1 41 Handle Power Cord 1 42 Handle Sleeve Strain Relief 1 43 Axle Bottom Shroud 1 44 Axle Sleeve Cushion Pad 1 45 Spring Cushion Pad 1 46 Bushing Filter Holder 1 47 Knob Screw M6X12 2 48 Phillips Countersunk Screw M5X12 Right Elbow 1 50 Handle Bracket (right) Handle Bracket (right)	6	Handle Bracket (left)	1	32	Bolt M8X20	
Internal Wire	7	Air Tank	1	33	Regulator Holder	
10 Check valve 1 36 Regulator 11 Locking Washer 2 37 Pressure Gauge 12 Screw M5X10 2 38 Quick Coupler 13 Rubber Sleeve 2 39 Safety Valve 14 Power switch 1 40 Handle Grip 15 Metal tube 1 41 Handle 16 Power Cord 1 42 Handle Sleeve 17 Strain Relief 1 43 Axle 18 Bottom Shroud 1 44 Axle Sleeve 19 Cushion Pad 1 45 Spring 20 Foam Filter 1 46 Bushing 21 Filter Holder 1 47 Knob 22 Screw M6X12 2 48 Phillips Countersunk Screw M5X12 24 Right Elbow 1 50 Handle Bracket (right)	8	Drain Valve	1	34	Right Elbow	
11 Locking Washer 2 37 Pressure Gauge 12 Screw M5X10 2 38 Quick Coupler 13 Rubber Sleeve 2 39 Safety Valve 14 Power switch 1 40 Handle Grip 15 Metal tube 1 41 Handle 16 Power Cord 1 42 Handle Sleeve 17 Strain Relief 1 43 Axle 18 Bottom Shroud 1 44 Axle Sleeve 19 Cushion Pad 1 45 Spring 20 Foam Filter 1 46 Bushing 21 Filter Holder 1 47 Knob 22 Screw M6X12 2 48 Phillips Countersunk Screw M5X12 23 Pump/Motor Assembly 1 49 Hexagon Flange Head Screw M5X12 24 Right Elbow 1 50 Handle Bracket (right)	9	Internal Wire	1	35	Rubber Hose	
112 Screw M5X10 2 38 Quick Coupler 13 Rubber Sleeve 2 39 Safety Valve 14 Power switch 1 40 Handle Grip 15 Metal tube 1 41 Handle 16 Power Cord 1 42 Handle Sleeve 17 Strain Relief 1 43 Axle 18 Bottom Shroud 1 44 Axle Sleeve 19 Cushion Pad 1 45 Spring 20 Foam Filter 1 46 Bushing 21 Filter Holder 1 47 Knob 22 Screw M6X12 2 48 Phillips Countersunk Screw M5X12 23 Pump/Motor Assembly 1 49 Hexagon Flange Head Screw M5X12 24 Right Elbow 1 50 Handle Bracket (right)	10	Check valve	1	36	Regulator	
13 Rubber Sleeve 2 39 Safety Valve 14 Power switch 1 40 Handle Grip 15 Metal tube 1 41 Handle 16 Power Cord 1 42 Handle Sleeve 17 Strain Relief 1 43 Axle 18 Bottom Shroud 1 44 Axle Sleeve 19 Cushion Pad 1 45 Spring 20 Foam Filter 1 46 Bushing 21 Filter Holder 1 47 Knob 22 Screw M6X12 2 48 Phillips Countersunk Screw M5X12 23 Pump/Motor Assembly 1 49 Hexagon Flange Head Screw M5X12 24 Right Elbow 1 50 Handle Bracket (right) 25 Top Shroud 1	11	Locking Washer	2	37	Pressure Gauge	
14 Power switch 1 40 Handle Grip 15 Metal tube 1 41 Handle 16 Power Cord 1 42 Handle Sleeve 17 Strain Relief 1 43 Axle 18 Bottom Shroud 1 44 Axle Sleeve 19 Cushion Pad 1 45 Spring 20 Foam Filter 1 46 Bushing 21 Filter Holder 1 47 Knob 22 Screw M6X12 2 48 Phillips Countersunk Screw M5X12 23 Pump/Motor Assembly 1 49 Hexagon Flange Head Screw M5X12 24 Right Elbow 1 50 Handle Bracket (right)	12	Screw M5X10	2	38	Quick Coupler	
Metal tube 1	13	Rubber Sleeve	2	39	Safety Valve	
16 Power Cord 1 42 Handle Sleeve 17 Strain Relief 1 43 Axle 18 Bottom Shroud 1 44 Axle Sleeve 19 Cushion Pad 1 45 Spring 20 Foam Filter 1 46 Bushing 21 Filter Holder 1 47 Knob 22 Screw M6X12 2 48 Phillips Countersunk Screw M5X12 23 Pump/Motor Assembly 1 49 Hexagon Flange Head Screw M5X12 24 Right Elbow 1 50 Handle Bracket (right)	14	Power switch	1	40	·	
17 Strain Relief 1	15	Metal tube	1	41	Handle	
18 Bottom Shroud 1 44 Axle Sleeve 19 Cushion Pad 1 45 Spring 20 Foam Filter 1 46 Bushing 21 Filter Holder 1 47 Knob 22 Screw M6X12 2 48 Phillips Countersunk Screw M5X12 23 Pump/Motor Assembly 1 49 Hexagon Flange Head Screw M5X12 24 Right Elbow 1 50 Handle Bracket (right)	16	Power Cord	1	42	Handle Sleeve	
19 Cushion Pad 1 45 Spring 20 Foam Filter 1 46 Bushing 21 Filter Holder 1 47 Knob 22 Screw M6X12 2 48 Phillips Countersunk Screw M5X12 23 Pump/Motor Assembly 1 49 Hexagon Flange Head Screw M5X12 24 Right Elbow 1 50 Handle Bracket (right) 25 Top Shroud 1	17	Strain Relief	1	43	Axle	
Foam Filter 1 46 Bushing Filter Holder 1 47 Knob Screw M6X12 2 48 Phillips Countersunk Screw M5X12 Fight Elbow 1 50 Handle Bracket (right) Top Shroud 1	18	Bottom Shroud	1	44	Axle Sleeve	
Filter Holder Screw M6X12 Screw M6X12 Pump/Motor Assembly Right Elbow Top Shroud 1 47 Knob 48 Phillips Countersunk Screw M5X12 49 Hexagon Flange Head Screw M5X12 Handle Bracket (right)	19	Cushion Pad	1	45	Spring	
22 Screw M6X12 2 48 Phillips Countersunk Screw M5X12 23 Pump/Motor Assembly 1 49 Hexagon Flange Head Screw M5X12 24 Right Elbow 1 50 Handle Bracket (right) 25 Top Shroud 1	20	Foam Filter	1	46	Bushing	
Pump/Motor Assembly 1 49 Hexagon Flange Head Screw M5X12 Right Elbow 1 50 Handle Bracket (right) Top Shroud 1	21	Filter Holder	1	47		
24 Right Elbow 1 50 Handle Bracket (right) 25 Top Shroud 1	22	Screw M6X12	2	48	Phillips Countersunk Screw M5X12	
Top Shroud 1	23	Pump/Motor Assembly	1	49	Hexagon Flange Head Screw M5X12	
	24	Right Elbow	1	50	Handle Bracket (right)	
26 Screw ST3.9X16 11	25	Top Shroud	1			
	26	Screw ST3.9X16	11			

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

WARRANTY

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 component:

Component A: 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;
- 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 ext erior finish, such as, but not limited to. scratches, dents, paint chips, or to any corrosion or discolouring by heat, abrasive and chemical cleaners: and
- this warranty will not apply to component parts sold by and ide ntified 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