US XTREMEPOWER

AIR COMPRESSOR 13HP 30GAL
ITEM # 65150

OWNER'S MANUAL AND SAFETY INSTRUCTIONS

SAVE THIS MANUAL. KEEP THIS MANUAL FOR SAFETY WARNINGS, PRECAUTIONS, ASSEMBLY, OPERATION, INSPECTION, MAINTENANCE AND CLEANING PROCEDURES. WRITE THE PRODUCT'S SERIAL NUMBER ON THE BACK OF THE MANUAL, OR THE MONTH AND YEAR OF PURCHASE IF PRODUCT HAS NO SERIAL NUMBER

FOR QUESTIONS, PLEASE CALL CUSTOMER SERVICE: 909.628.0880

SAFETY WARNINGS / INSTALLATION

SPECIFICATIONS

Tank capacity 30GAL W/One Couplers & One Gauges

Displacement 00 L 00rpm orking
Pressure : BAR Oil Lubrication For Long Life

Belt Drive Compressor Pump Engine
power

Always wear approved protective eye wear. when using tools. Read and observe all safety rules included in your tool owner's manual.

SAFETY PRECAUTIONS (Read all instructions before using this product)

Please familiarize yourself with the following information to prevent damage to your compressor and injury to the operator, property or even

death.

TANK SAFETY VALVE

This valve is factory installed to prevent the air receiver from damage, should a malfunction occur in the compressor pump. It is factory set at a specific limit for your particular model. Adjustments should never be tampered with.

COMPRESSOR PUMP

• Air compressors get hot while in operation. Never touch the engine, discharge tubing, or compressor pump while in operation.

• The compressor operates automatically while starting.

COMPRESSED AIR CAUTION

Compressed air from theunit may contain carbon monoxide. Air produced is not suitable for breathing purposes.

- Always use a respirator when spraying paint or chemicals.
- Always wear safety glasses or goggles when spraying air.

AIR RECEIVER

Over pressurizing the air receiver could cause an explosion or rupture. To protect from over pressurizing a factory preset safety value is included.

• Do not remove, make adjustments or substitutions for this valve.

• Occasionally pull the ring on the valve to make sure that the valve operates freely. If the valve does not operate freely, it must be replaced. Never weld to, drill into, or change the air receiver in any way.

• If any of the above conditions are changed or tampered with this will result in voiding of the manufacturer's warranty. Be advised that any replacement parts should be purchased with the same specification as the original equipment. Please contact your authorized dealer for replacement parts or specifications.

• Do not smoke while operating the air compressor. To avoid the ignition of a fire or explosion, never spray where sparks or flame is present.

• Keep the compressor away from children and those who are unfamiliar with the unit operation.

INSTALLATION AND OPERATING INSTRUCTIONS

General information

Depending on the C.F.M. draw of the tools being operated, your new air compressor can be used for operating paint sprayers, air tools, grease guns, airbrushes, caulking guns, sandblasters, inflating tires and plastic toys, etc. An air pressure regulator is usually necessary for most of these applications.

General description of operation

To compress air, the pistons move up down in the cylinder, On the down stroke, air is drawn in though the valve inlet. The discharge valve remains closed, On the upstroke of the piston, air is compressed. The inlet valve closes and compressed air is forced out through the discharge valve, through the check valve and into air receiver. orking air is not available until the compressor has raised the air receiver pressure above that required at the air service connection. The air inlet filter openings must be kept clear of obstructions, which could reduce air delivery of the compressor.

Installation and location

Locate the compressor in a clean, dry and well-ventilated area, The compressor should be located 12 to 1 inches from a wall or any other obstruction that would interfere with the air flow through the fan blade belt wheel. Place the compressor on a firm level surface. The compressor is designed with heat dissipation fins that allow for proper cooling. Keep the fins and other parts that collect dust or dirt clean. A clean compressor runs cooler and provides longer service, Do not place rags, containers, or other material on top of the compressor.

OPERATION / MAINTENANCE

ASSEMBLY

1. Remove air filter from plastic bag and screw it into the thread hole. Be sure to always clean air filter before and after each use.
2. Put wheel and rubber foot on setting.
3. Put handle on. (TB-55 0P and TB-55 0D type)

COMPRESSOR LUBRICATION

NOTE: Check the oil quantity and quality before operating the compressor. Do not add or change oil while the compressor is in operation. Use only SAE20 or SAE30 lubricating oil, non-hydraulic.

COMPRESSOR WITH OIL SIGHT GLASS

1. Locate the compressor on a flat, level surface. The oil level should be at the red dot on the oil level sight glass.
2. If the oil level is low, remove the oil fill plug and add enough oil to bring the level up to the red dot in the sight glass.
3. Replace the oil fill plug before starting the compressor.

DRAINING THE OIL

1. Remove the oil drain plug. Allow the oil to drain completely.
2. Replace the oil drain plug. (A sealing compound or Teflon tape is recommended to avoid leakage).
3. Refill with the specified oil to the red dot in the oil level sight glass.

STARTING THE COMPRESSOR

1. Make sure the amount of oil is adequate before each use.
2. Check that all nuts and screws are tightened.
3. Make sure all pressure and water is released from the tank before use.
4. Connect the air tool and start the compressor to begin use. Be sure to check the manufacturer's maximum pressure rating for air tools and accessories. The compressor outlet must be regulated to never exceed the maximum pressure rating of the tool.
5. Use the regulator knob to control the amount of air pressure for the attached air tool. Turn the knob clockwise to increase the air pressure and counter-clockwise to reduce air pressure.
6. To enable the best air pressure release and avoid air leakage. Use Teflon tape to wrap around the hose and coupler thread.

AIR RELEASE

1. Turn the engine switch off after each use.
2. Open the drain valve underneath the tank and release all air and moisture from the tank.
3. The pressure gauge should now fall back to 0 PSI or 0 Bar status.
4. Release all the air from the attached air tool, then disconnect the hose from the quick coupler.

MAINTENANCE

Turn off the engine and drain the air tank of any pressure before performing any maintenance of adjustments to your air compressor, the following safety precautions should be taken.

BEFORE EACH USE PERFORM THE FOLLOWING

1. Check the oil level, make sure it sits with the red dot on the sight glass.
2. Drain condensation from the air tank.
3. Check for any unusual noise or vibration.
4. Be sure all nuts and bolts are tight.

WEEKLY MAINTENANCE

1. Clean the air filter by opening the air filter cap. Remove the filter element and clean thoroughly with low pressure air. Clear out any debris.
2. Clean the breather holes on the oil check dipstick.

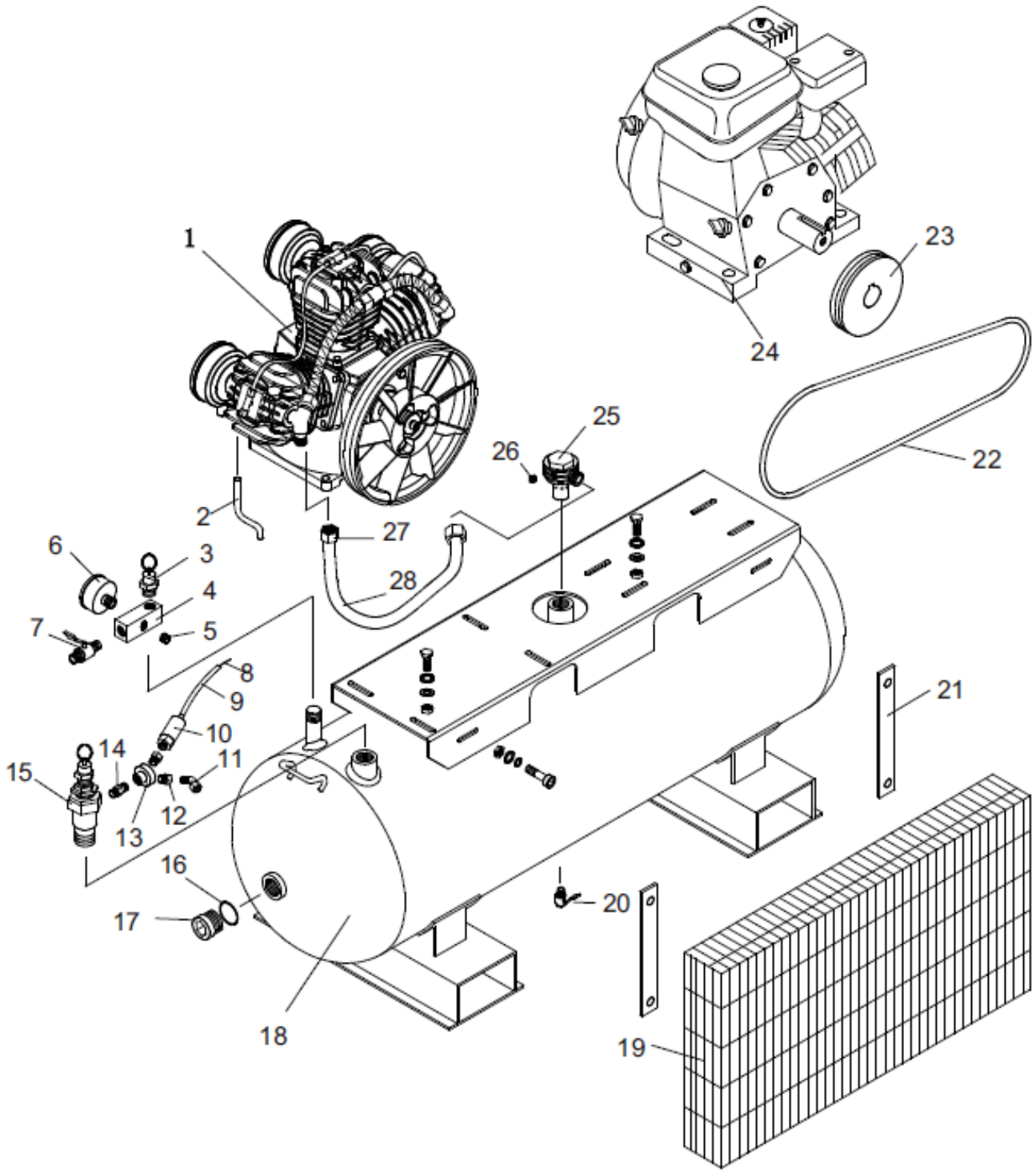
MONTHLY MAINTENANCE

1. Inspect the air system for leaks by applying soapy water to all joints. Tighten those joints if leakage is present.

250 HOURS OR 6 MONTHS (WHICHEVER COMES FIRST)

1. Change the compressor oil.
2. Replace the oil more often if the compressor is used near paint spraying operations or in dusty environments.

PARTS INFORMATION



1	Air pump	**8**	Throttle wire	**15**	Unload valve	**22**	Belt
2	Discharge pipe	**9**	Hose	**16**	O-seal	**23**	Engine pulley
3	Safety valve	**10**	Connector	**17**	1/2 Gag screw	**24**	Engine
4	4-way valve	**11**	1/8 Elbow	**18**	Tank	**25**	Check valve
5	1/4 Gag screw	**12**	1/4 * 1/8 Double sided connector	**19**	Belt cover	**26**	1/4 Gag screw
6	Pressure gauge	**13**	Conversion connector	**20**	Drain valve	**27**	Discharge pipe
7	1/2 Air cock	**14**	1/4 * 1/4 Double sided connector	**21**	Belt cover Fixing strip	**28**	Nuts

TROUBLESHOOTING

	POSSIBLE CAUSE	REMEDY
IRREGULAR NOISE	Loose pulley, flywheel, belt guard, etc.	Tighten
	Lack of oil in crankcase	Check for damage to bearings, replenish oil
	Compressor floor mounting loose	Shim and tighten
PRESSURE ISSUES	Valve sheet	repair or change it
	Malfunction to spring of valve base	Replace with new one
	Carbon or oil on the valve sheet	clean it
	Safety valve leak	Clean and/or replace it
	Air valve, blow off valve leak	Lock them tightly or replace it
	Abrasion of piston ring	Change a new one
CONSUMING TOO MUCH LUBRICANT	Too much oil in the tank	Regulate oil levels
	Abrasion of piston ring	Change a new one
	Piston cylinder abrasion	Change a new one
MOTOR IS TOO HOT	Pressure is too high	Use lower pressure
	Higher voltage or longer wire	Remedy with correct voltage and/or wire length
	Malfunction to air valve	Change a new one
	Bearing burned	repair or change it
	Piston burned	repair or change it
REDUCTION IN AIR OUTPUT	&Air Required more than rated	change bigger power motor
	Output pressure higher than rated pressure	Adjust the pressure
	Air Input pipe small or long	change right ones
	Filter jam	clean it
	Valve group problems	please sent to repair
	Abrasion of paper pad	change new ones
	Flexible belt	regulate it
FAILS TO DISPEL LOAD	movable piston pin	regulate it
	Air Output pipe leak	change new ones
	Abrasion of dispel load valve	repair or change
	Dispel jam-	clean or change
	Piston block	repair or change it
HIGHER PRESSURE IN THE TANK	Output pressure higher than rated pressure	ower using pressure
	Abrasion of dispel load valve	repair or change it
	higher rated dispels load pressure	lower rated pressure
	Pressure gauge problem	repair or change it
	Dispel load pipe leak	repair or change it
	Lower rated pressure on safety valve	Regulate or change it
ABRASION OR BREACH OF VALVE GROUP	Higher pressure	Adjust the pressure
	hotter valve base	check air-delivery pipe and clean it
	flexible valve base	lock it tightly
	Discharge in the valve base	clean it
	Breach of valve sheet	Replace with a new one
NO SOUND	Power cut	Have it repaired by a licensed technician
	Wire or fuse cut	Replace it
	Motor malfunction	Have it repaired by a licensed technician
MOTOR WON'T START	Wire or fuse cut	Replace it
	Voltage reduction	Have it repaired by a licensed technician
	Air delivery valve leak	repair it
	Wiring error	change wire
	Malfunction of motor	Have it repaired by a licensed technician
	Overload on motor	reduce load on motor
	Crankshaft tightly	repair it

DISCLAIMER

PLEASE READ THE FOLLOWING CAREFULLY

THE MANUFACTURER AND/OR DISTRIBUTOR HAS PROVIDED THE PARTS LIST AND ASSEMBLY DIAGRAM IN THIS MANUAL AS A REFERENCE TOOL ONLY. NEITHER THE MANUFACTURER OR DISTRIBUTOR MAKES ANY REPRESENTATION OR WARRANTY OF ANY KIND TO THE BUYER THAT HE OR SHE IS QUALIFIED TO MAKE ANY REPAIRS TO THE PRODUCT, OR THAT HE OR SHE IS QUALIFIED TO REPLACE ANY PARTS OF THE PRODUCT. IN FACT, THE MANUFACTURER AND/OR DISTRIBUTOR EXPRESSLY STATES THAT ALL REPAIRS AND PARTS REPLACEMENTS SHOULD BE UNDERTAKEN BY CERTIFIED AND LICENSED TECHNICIANS, AND NOT BY THE BUYER. THE BUYER ASSUMES ALL RISK AND LIABILITY ARISING OUT OF HIS OR HER REPAIRS TO THE ORIGINAL PRODUCT OR REPLACEMENT PARTS THERETO, OR ARISING OUT OF HIS OR HER INSTALLATION OF REPLACEMENT PARTS THERETO.

Record Product's Serial Number Here: _____
Note: If product has no serial number, record month and year of purchase instead.

Note: Some parts are listed and shown for illustration purposes only and are not available individually as replacement parts.

Questions, issues or missing parts?

Before returning to your retailer, our customer service team is here to help.

Call Us: 909.628.0880
Email Us: customer@xtremepowerusa.com

Hours of Operation: 9am - 3pm PST Monday - Friday

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