

INSTRUCTIONS

Model
500

- POWERHOUSE -

Air
Compressor

INSTALLATION INSTRUCTIONS

This unit has been properly lubricated at factory at time of assembly and does not need any further lubrication until the unit has been in use for approximately 3 to 4 months.

The tube of W2 grease that is packed with the unit is equivalent to approximately a 3 year supply.

1. Compressor should be mounted as close to the power supply as possible.
2. Powerhouse Compressor may be mounted in any position.
3. Secure motor base with 2 screws — using slight squeeze only on rubber mounts.
4. Use #10 or #12 wire leads from power supply to pressure switch — Install furnished 9 amp. fuse and clip in one of the lines.
5. A manual switch should be used in line — for emergency or replacing water supply in pressure tank.
6. Connect 1/4" tubing to compressor outlet — be sure all connections are air tight to the water pressure tank.
7. Do not tamper with the pressure setting on the switch — pressure is preset at factory at 30 to 50 lbs.
8. A dirty air filter felt will restrict air intake and cause compressor to run less efficiently. Air filter felt should be cleaned and blown out with air periodically.

LUBRICATION

1. Remove felt air filter from top of compressor head.
2. Place the equivalent of 6 to 8 drops of Powerhouse W2 Grease with a nail or other pointed object in the intake port while compressor is working (do not exceed 6 to 8 drops) replace filter snugly — this will lubricate the valves, cylinder sleeve and piston — all other moving parts are fitted with permanently lubed "Oilite" bronze bushings.
3. Under normal water consumption — lubricate compressor once every 3 months — be sure to use the special Powerhouse W2 Grease furnished with each unit.

A — Powerhouse W2 Grease is a special formulated aero-space grease to remain constant at extreme high to sub zero temperatures — this special grease adheres to and remains on the working parts.

GUARANTEE

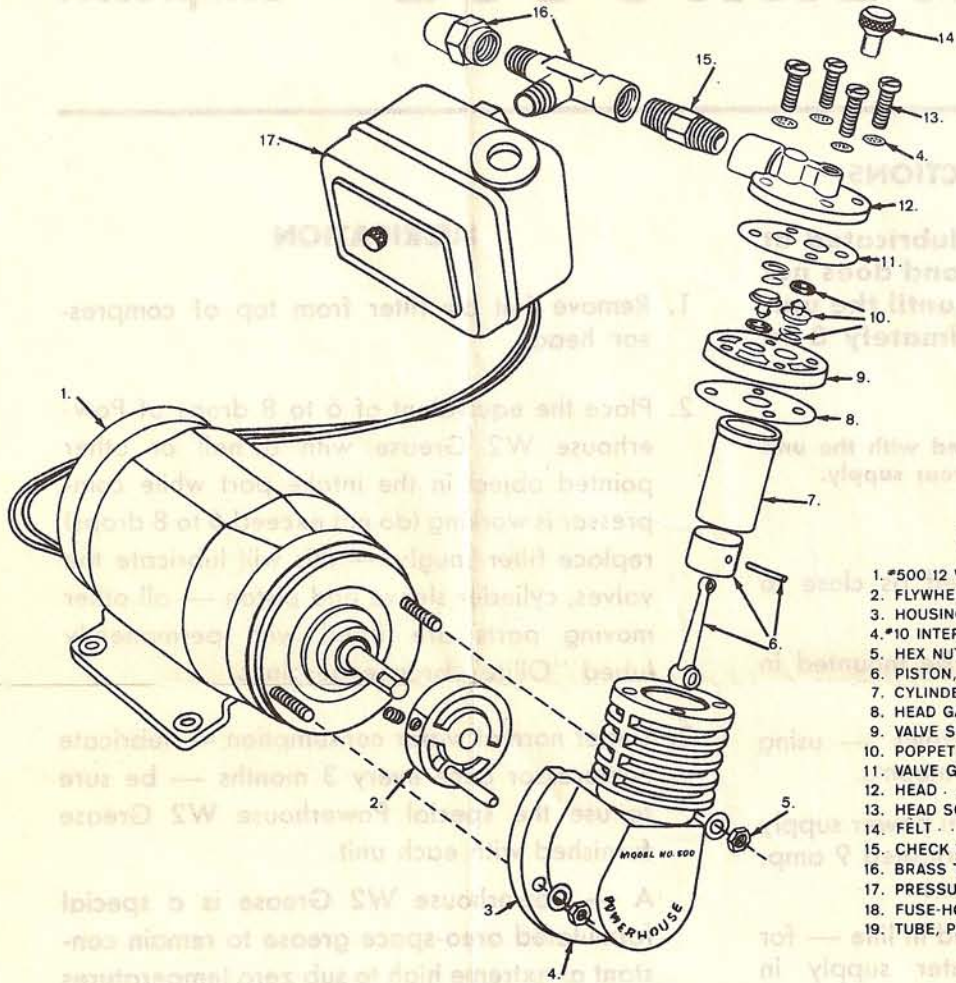
The Powerhouse Model #500 Air Compressor is guaranteed for one full year against defective material or workmanship — factory will repair or replace any unit that may be defective within the warranty period.

Powerhouse Mfg., Inc.
Los Angeles, Calif. 90023

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PARTS LIST #500

	PER UNIT	LIST PRICE
1. #500 12 VOLT MOTOR WITH BASE & GROMMET		\$ 22.05 EA.
2. FLYWHEEL ASSEMBLY, WITH SET-SCREW		3.25 "
3. HOUSING		6.75 "
4. #10 INTERNAL LOCKWASHERS	(8)	.10 "
5. HEX NUT	(2)	.15 "
6. PISTON, WRIST PIN & CONNECTING ROD ASSEMBLY		5.95 "
7. CYLINDER SLEEVE		4.50 "
8. HEAD GASKET		.60 "
9. VALVE SPACER		2.40 "
10. POPPET ASSEMBLY WITH O-RING AND SPRING	(2)	1.20 "
11. VALVE GASKET		.60 "
12. HEAD		3.50 "
13. HEAD SCREWS	(4)	.20 "
14. FELT		1.80 "
15. CHECK VALVE		4.25 "
16. BRASS TEE WITH FLARE NUT		1.20 "
17. PRESSURE CONTROL SWITCH		7.25 "
18. FUSE-HOLDER WITH 9 AMP. FUSE		.60 "
19. TUBE, POWERHOUSE W2 GREASE		.90 "

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8. A dirty air filter will restrict air intake and cause compressor to run less efficiently. Air filter should be cleaned and blown out with air periodically.

7. Do not tamper with the pressure setting on the switch — pressure is preset at factory at 30 to 50 lbs.

6. Connect 1/2" tubing to compressor outlet — be sure all connections are air tight to the water pressure tank.

5. In emergency or replacing water supply in pressure tank.

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Los Angeles, Calif. 90033