
cpac, INC.

Equipment Division

ATS 5 & ATS 10
AUTOMATIC TRANSFERT STATIONS
(115/230 VAC, 50/60 Hz)

USER'S MANUAL

- **INSTALLING**
- **OPERATING**
- **MAINTAINING**

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RECOMMENDATIONS

Read the entire instruction manual *before* installation or operation of the ARU-7B silver recovery system. It will help you to understand the operation of the system, how various sub assemblies work together, and the operating sequence of the controls.

WARNING: NEVER ATTEMPT TO PERFORM ANY ELECTRICAL TROUBLESHOOTING ADJUSTMENT(S) OR SERVICE(S) UNLESS YOU ARE A QUALIFIED ELECTRICIAN, ELECTRONICS TECHNICIAN OR FACTORY TRAINED SERVICE TECHNICIAN.

IMPORTANT SAFEGUARDS

When using your ATS 5 & 10 silver recovery systems, these basic safety precautions should be followed:

1. Read and understand all instructions.
2. Care must be taken to avoid burns from touching hot parts.
3. Do not operate this appliance with a damaged cord or if the appliance has been dropped or damaged until it has been examined by a qualified service technician.
4. Do not let power cord hang over edge of table or counter or touch hot surfaces.
5. An extension cord should not be used with this unit. The unit should be plugged directly into a power outlet.
6. To protect against electrical shock hazard, do not immerse this appliance in water or other liquids.
7. To avoid electrical shock hazard, do not disassemble this appliance. Call a qualified service technician when service or repair work is required. Incorrect reassembly can cause electric shock hazard when the appliance is switched on.

SAVE THESE INSTRUCTIONS

INTRODUCTION

The auto transfer stations are designed to collect and hold all types of photographic solutions until the liquid reaches a preset level. At that point, the magnetic drive pump is activated, the solution is transferred to another location and when the tank is nearly empty, the unit will turn OFF automatically.

The auto transfer stations are completely self-contained and include: Pump assembly, controller, check valve assembly, stand support frame (ATS 10), accumulation tank and cover, liquid level float switches (2) and all necessary internal fittings and hardware. The ATS 10 also features a flow control valve, flow meter and a gallon counter meter. Installer must supply external hoses and fittings.

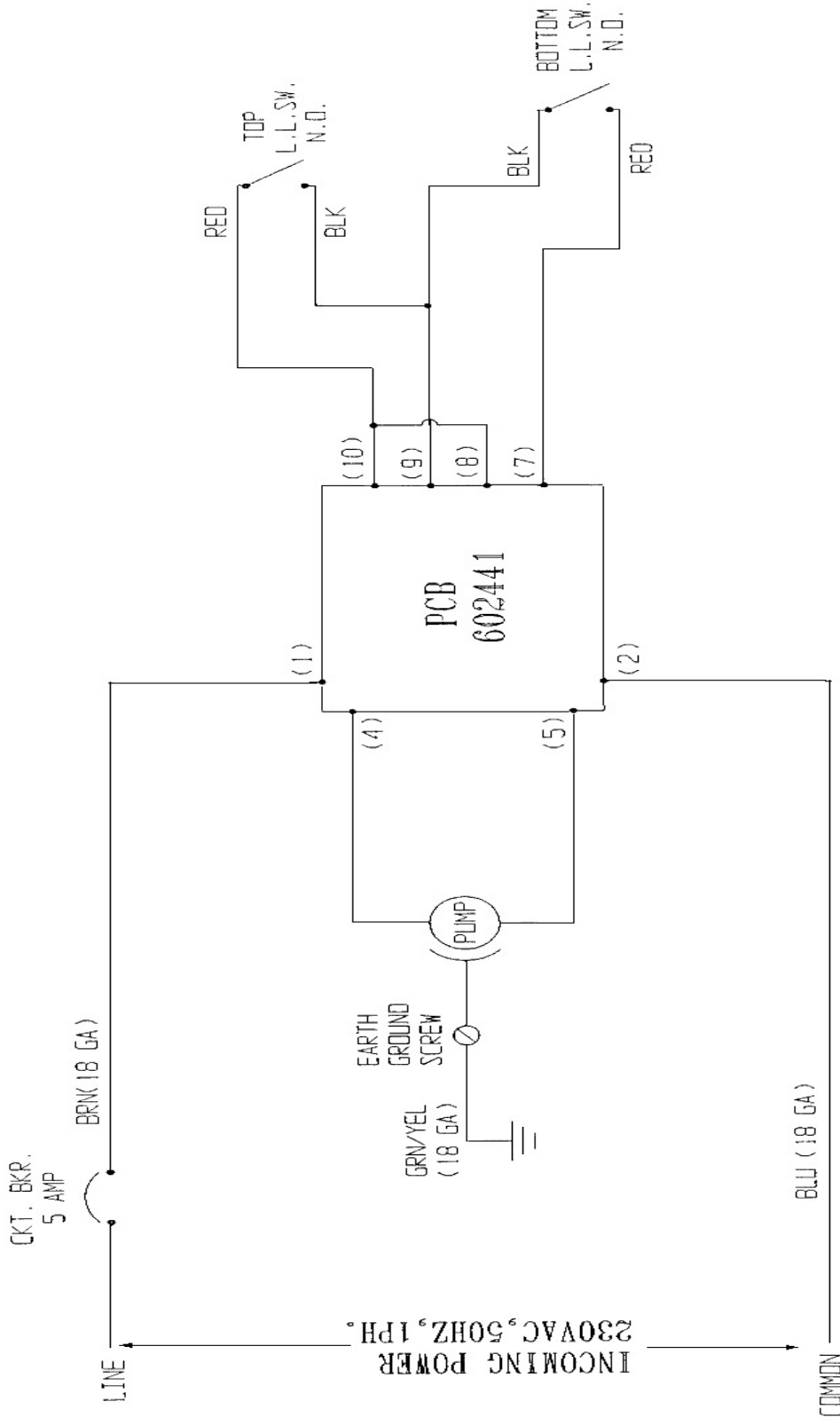
Installation Instructions

1. Locate the ATS in a convenient location within easy access of 115 VAC, 50/60 Hz single phase grounded electrical outlet of at least 10 AMP capacity.
2. Fill tank with liquid until level is just below upper float switch.
3. On the ATS 5, back off but do not remove the bleed screw located on pump elbow, bleeding the air until liquid drips out around the screw. On the ATS 10, the bleed screw is located on top of the elbow and above the flow meter. Open flow control valve fully and back off this screw until liquid is observed in the flow meter.
4. Re-tighten bleed screw.
5. Connect $\frac{3}{4}$ " ID hose from solution source to accumulation tank inlet fitting. A large (1" hose) overflow fitting is provided for tank overflow and is recommended. The ATS units are provided with a $\frac{3}{4}$ " ID hose fitting on the check valve outlet. Also included is a pipe nipple which may be substituted for the $\frac{3}{4}$ " fitting to permit use of 1" ID tubing for maximum flow. Hose clamps should be used on all hoses.

Note: These hoses are not provided by CPAC

6. Plug ATS power cord into 115 VAC grounded electrical outlet.
7. Turn unit ON. Pilot light indicates power is "ON" to unit.
8. Fill tank to actuate upper float switch which starts pump.

Unit will now operate automatically (determined by the fluid level) and independent of any other device or electrical connection.



ATS 5/10 UNIT ELECTRICAL SCHEMATIC
DRAWING 500300

SPARE PARTS LIST

ATS-5 (115/230 VAC, 50/60 Hz)

CPAC Part Number	Description
700510	Pump, March 5CMD, 115 VAC
42-143p2001	Check valve
15-143p2011	Liquid level Switch
702591	Circuit Breaker, 5 Amp
602441	PCB, Assembly

ATS-10 (115/230 VAC, 50/60 Hz)

CPAC Part Number	Description
700510	Pump, March 5CMD, 115 VAC
42-143p2001	Check valve
15-143p2011	Liquid level Switch
702591	Circuit Breaker, 5 Amp
602441	PCB, Assembly
42-143P2008	Flow meter
42-142P2004	Volume Accumulator
702634	Metal Frame

EVERY EFFORT HAS BEEN MADE TO INSURE THE COMPLETE ACCURACY OF THE CONTENTS OF THIS MANUAL. NO LIABILITY ARISING FROM ITS USE, HOWEVER, CAN BE ACCEPTED BY THE COMPANY, WHO RESERVES THE RIGHT, WITHOUT PRIOR NOTICE, TO ALTER THE SPECIFICATIONS, CONSTRUCTION OR CONTENT OF ITS EQUIPMENT AT THE COMPANY'S OWN DISCRETION.

Statement of Warranty

All equipment is manufactured to exacting standards and has been tested and inspected for proper workmanship and performance before shipping.

Any parts which are defective will be repaired or replaced within a one year period after date of shipment, provided the equipment has been used according to the instruction manual and have not been abused or tampered with.

The company will not be responsible for any damage resulting from leakage of water or chemicals caused by improper installation, operator carelessness or defective/loose plumbing fittings associated with installation and operation of the equipment. The company assumes no responsibility for damage in transit and the customer should resent any claim for such damage to the carrier.

This warranty gives you specific legal rights. You may also have additional rights that vary from state to state.

Any unit to be repaired under warranty must be shipped, freight prepaid, or delivered to a facility authorized to render services provided hereunder. Returned unit must be either in its original package or a similar package affording an equal degree of protection. All units must have a Material Return Authorization code (MRA) visible on the returned item. MRA's can be obtained by calling 716-382-3223.