

# ARU-2100R™

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## *Closed-Loop Electrolytic Silver Recover System*

CPAC, the world's leading manufacturer of silver recovery and pollution control systems, introduces **ARU-2100R**. This unique electrolytic silver recovery system uses IMG's well-known, silver-sensing electronics. Combined with closed-loop operation, these electronics efficiently desilver fixer in a processor's working fixer tank.

The results are consistently high silver yields without sulfiding the fixer.



### ***Features and Benefits***

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- Includes a recirculation pump
- Reduces silver content in wash water
- Ideal for multiple processor installations
- No interfacing with processor's electrical controls
- Can be used in terminal batch or closed-loop operations

*Manufactured by*

**CPAC Equipment Division**

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# ARU-2100R Product Data

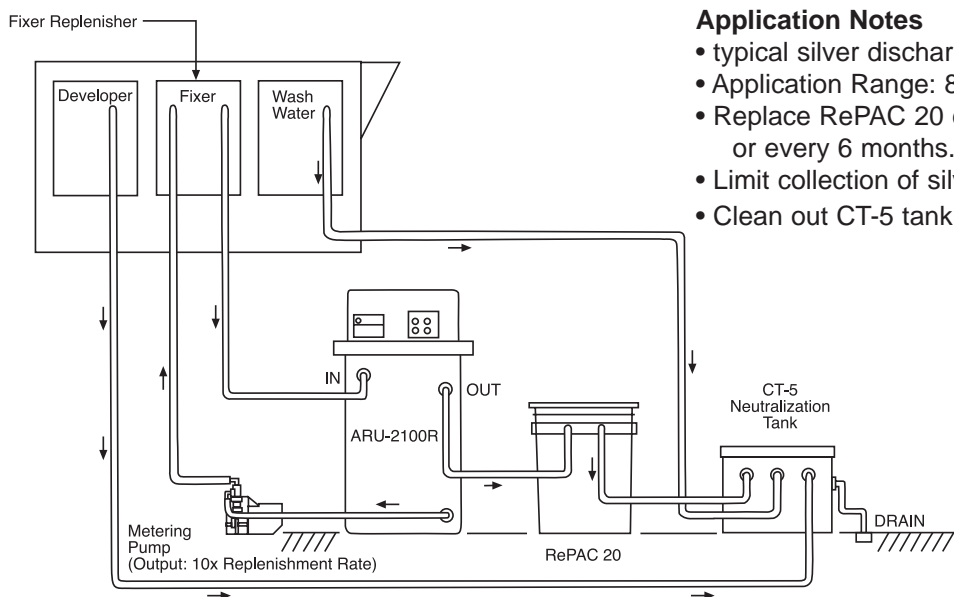
## Specifications

**Application:** Recommended for closed-loop fix circulation for processors that generate a maximum silver yield of 3 Troy oz. per hour. The ARU-2100R has three modes of operation: high desilvering, low desilvering and stand-by. The silver sensing circuit will choose the appropriate mode based on the amount of silver in the fix loop. Once the silver in the loop has been removed to the desired level (500ppm), the unit will go to a stand-by mode. In stand-by, the unit will check the silver concentration every 15 minutes until there is enough silver to turn the unit on.

**NOTE:** the ARU-2100R can only be used with straight fix—no bleach-fix or carry-over bleach. For specific recovery efficiency and application information, call CPAC Technical Service at (716) 382-3223.

Recovery Rate:	3 Troy oz. per hour
Plating Current:	1.0-21.0 amps
Cathode Size:	8" dia. x 12" H
Holding Tank:	9 gallons
Electrical:	115/230 VAC, 50/60 Hz, 100W maximum
System dimensions:	27 1/2" H x 15" W x 15" D
Shipping Weight:	49.5 lbs.
U.L. Listing:	Listed
Materials of Construction:	Tanks: Polyethylene
	Electronics Cover: ABS Plastic
	Cathode: Stainless Steel
	Anodes: Carbon

Expected Results: ARU-2100R silver recovery unit alone reduces silver content to 0.5 grams/liter (500 ppm).



### Application Notes

- typical silver discharge at drain: 0.75PPM to 3PPM
- Application Range: 8 gallons per day (24 hours)
- Replace RePAC 20 cartridge every 400 gallons processed or every 6 months.
- Limit collection of silver on the cathode to 10-12 pounds.
- Clean out CT-5 tank and overflow fittings every 6 months

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