WaterMizer PPR
Wash Water Recirculator

For Plate and ThermoPlate Processors

Benefits

Convenience

- *Provides wash water in cases where plumbing is impossible or impractical.*
- *Makes it practical and cost-effective to use RO or DI water to rinse plates.*

Environmental

- *Significantly lowers water consumption.*
- *Helps with compliance of city water restrictions and mandates.*
- *Reduces water pollution.*

Economy

- *Reduces processor installation costs where drains need to be installed.*
- *Minimizes effluent monitoring costs.*
- *Lowers water & sewer charges.*
- *Reduces pollution abatement costs.*

Conservation

- *Saves thousands of gallons of water.*
- *Reduces amount of effluents to drain.*

A typical plate processor uses at least 6 gallons of water to rinse a printing plate during processing. A plant averaging 100 plates per day would use 600 gallons per day, 3000 gallons per week (5 days), **156,000 gallons wasted per year!!**

The WaterMizer PPR30AR would decrease that to 6933 gallons per year!! **A savings of 95+%.**

CtP Plate Processors use significant amounts of wash water to rinse the plate during processing, typically 4-12 gallons per plate depending on the processor. This is in direct conflict with several trends affecting printers. More cities are enacting water restrictions due to water shortages from drought, over-consumption or dwindling supply. Additionally, print customers are asking suppliers to work towards becoming more sustainable, environmentally conscious, and at conserving resources.

Modern printing plates also require higher quality water to provide the cleanest, highest quality plate. In addition, many times imaging systems and linked processors are installed in locations where a drain is not available without expensive plumbing rework.

The WaterMizer PPR simply and inexpensively overcomes these challenges, helping the printing company save thousands of gallons a year of water while maintaining their high quality.

PPR30AR.

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WaterMizer PPR Wash Water Recirculator for CtP Processors

Standard Features

- ❖ Filter Change Indicator
  Signals user that the filter needs changing.
- ❖ Small Footprint
  Only requires 4 sq. ft. of floor space.
- ❖ Pump-To-Drain
  Gravity drain or pump to sink drain or waste vessel. No need to lift unit to drain.
- ❖ Cam-Lock, Full-Flow Quick-Disconnects
  Easily disconnects from processor for draining without tools or flow restriction.
- ❖ Reliable Hi-Head Mag Drive Pump
  Provides years of trouble-free service and the power to push through spray bars and dirty filters.
- ❖ Heavy-Duty Casters
  Easily roll unit to convenient location to drain.
- ❖ Overflow Fitting
  Must be connected to drain to prevent floor spills.
- ❖ One-Way Check Valve
  Prevents processor tank from draining out on floor when disconnected.
- ❖ 20" - 5 Micron, High-Load PolyTrix Filter
  Long-lasting, low pressure drop & fine filtration. Optional filter media is available.
- ❖ Optional Bio-Slime Control
  Reduces bio-growth and tank maintenance.
- ❖ Adjustable Fresh-Water Auto-Replenishment
  *Reduces developer and polymer concentration in wash water (**PPR30AR versions only**).*

Minimize Plate Problems

City water treatment plants are raising the pH and alkalinity of the tap water in their efforts to provide quality drinking water. Unfortunately, this is exactly the opposite of what printers require for process water. This problem is evident when the plate has to be rewashed, touched up or scrapped due to small specs or small areas that have a calcium deposit. This problem can be eliminated by utilizing RO or DI water, but this would be too expensive due to the large volumes of water needed to rinse the plate. A WaterMizer PPR reduces water consumption making RO or DI water rinse practical. Water treated with our OptiPure system is ideal for this application.

Bio-Slime & Algae Growth Reduction

It is much easier to reduce bio-slime contamination from your processor if you recirculate the water since you are now treating a few thousand gallons of water per year, compared to a couple of hundred thousand gallons. Combine the WaterMizer PPR with our Algae-Clear Non-Chemical MGC Cartridge to fight bio-slime and reduce maintenance.

Specifications

Models:	PPR15 - 15 gal. Tank, 10" Filter, 120V 60Hz - Use on smaller, lower volume applications. PPR30 - 30 gal. Tank, 20" Filter, 120V 60Hz - Use only where no drain or water supply is available. PPR30-230V - 30 gal. Tank, 20"Filter, 230V60Hz - Use when interfacing with processor power. PPR30AR - 30 g. Tank, 20" Filter, Auto Replenishment, 120V 60Hz - Most Common - Needs water & drain. PPR30AR-230V - 30g. Tank, 20"Filter, Auto-Replenishment, 230V 60Hz PPR30AR-240/50 - 30g. Tank, 20"Filter, Auto-Rep, 220-240V, 50Hz - Export
Dimensions:	PPR15 - 21" Wide x 23" Deep x 23" High PPR30 - 26" Wide x 21" Deep x 29" High
Weight:	PPR15 - 36 lbs. PPR30 - 46 lbs. Dry Weight
Filter:	PPR15 - 200-31320 PPR30 - 200-31420, PolyTrix Replacement Cartridges Optional micron ratings and styles available for range of applications.

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