



**Rapid**  
Engineering LLC

## Econo Series, Pre-Assembled Washers



**RAPID® Econo Series Multi-Stage Washer - specifically designed to meet common manufacturing requirements.**

- Significant capital cost savings when compared to custom-designed washers.
- Standard configurations available in 304 stainless steel or mild steel in 2 stages, 3 stages, or 5 stages.
- Common manufacturing production rate of 4 to 8 FPM (.02 to .04 m/s)
- Constructed of high quality materials to help extend equipment life.
- High quality pumps, valves and gauges help provide operating control and reliability.
- Washers are shipped pre-assembled and pre-wired for quick installation and use.

***You'll Value Our Experience!***

**[www.rapidengineering.com](http://www.rapidengineering.com)**  
**1.800.536.3461**

## General Specifications

- 36" W x 60" H (91 cm x 152 cm) product opening
  - 18" (46 cm) clearance from top of rail to top of product opening
  - Optional 33" (84 cm) clearance from top of rail to top of opening (Split-top Design)
- Product loading is up to 12,000 lbs/hr (5443 kg/hr)
- 7' (2.1 m) long heated stage(s)
- 3' (.91 m) long rinse/seal stage(s)
- 6' 6" (2 m) drain zones
- 6' 10" (2.1 m) long vestibules

## Features

- 2-stage and 3-stage washers ship in one section
- 5-stage washers ship in two sections
- Entrance/exit exhaust fans ship loose
- Enamel-painted finish (mild steel washers only)

## Controls

- Electronic temperature controls
- Electronic flame controls with UV scanners.
- UL Listed control panel (mounted on entrance end)

## Overall Dimensions

- 2-stage (W x H x L): 8' x 10' x 30' 2" (2.4 m x 3 m x 9.2 m)
- 3-stage (W x H x L): 8' x 10' x 39' 8" (2.4 m x 3 m x 12.1 m)
- 5-stage (W x H x L): 8' x 10' x 62' 8" (2.4 m x 3 m x 19.1 m)

## Tank and Drain Deck

- 10-gauge 304 stainless or 10-gauge mild steel tanks and drain decks
- Quality barrelmount pumps with stainless or mild steel shaft and impellers
- Stainless steel pump screens in each stage
- Schedule 10 304 stainless or Schedule-40 mild steel burner tubes (140° F (60° C) maximum)
- MAXON TUBE-O-THERM® or equivalent burners

## Tunnel

- 14-gauge 304 stainless or 12-gauge mild steel tunnels
- Schedule 80 CPVC headers and risers
- Clip-on adjustable V jet spray nozzles
- Grating over tanks

## Options Available

- Overflow/drain piping components
- Alarm/horn in control panel
- Tunnel access doors
- Washer access platforms
- Fresh-water fill (manifold with solenoid and Warrick® electronic liquid-level controls)
- Tank clean-out doors
- Interior lights
- Split-top design (18" to 33" (46 cm to 84 cm) clearance from the top of rail to top of opening maximum)
- Brush moisture containment package for split-top design
- Extended drain decks
- Misting risers
- Profiles between stages
- Conveyor shroud

**Thank You for Your Business!**

### Installation Code and Annual Inspections:

All installation and service of RAPID® equipment must be performed by a contractor qualified in the installation and service of industrial processing and finishing equipment and conform to all requirements set forth in the RAPID® manuals and all applicable governmental authorities (including but not limited to NFPA-86) pertaining to the installation, service, operation and labeling of the equipment. Refer to the applicable installation, service and operation manual for safety shutoff valve leak test procedure and schedule. To help facilitate optimum performance and safety, Rapid Engineering LLC recommends that a qualified contractor conduct, at a minimum, annual inspections of your RAPID® equipment and perform service where necessary, using only replacement parts sold and supplied by Rapid Engineering LLC.

**Further Information:** Applications, engineering and detailed guidance on systems design, installation and equipment performance is available through RAPID® representatives. Please contact us for any further information you may require, including the Installation, Operation and Service Manual.

**These products are not for residential use.**

**This document is intended to assist licensed professionals in the exercise of their professional judgment.**

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