



**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!**

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

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

### Rapid Engineering LLC

1100 Seven Mile Road NW  
Comstock Park, MI 49321  
Telephone: +1.616.784.0500  
Toll Free: 800.536.3461  
Fax: +1.616.784.0435

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