

Series 400 Washer Technical Data

General

Product Opening	36"W x 66"H
Conveyor Slot *	12"
Conveyor Speed	4 - 8 fpm
Product loading	12,000 lbs/hr
Hanging Centers	12 inches
Part Mat'l	Steel
Part Length (max)	72 inches

Note:

The product loading of 12,500 lbs/ft is ~50 lbs/ft at 4 fpm
or ~35 lbs/ft at 6 fpm
or ~25 lbs/ft at 8 fpm

Features

FM approved manifold
UL listed 460V/3Ph/60Hz panel
Honeywell UDC Controllers
Honeywell flame relays, UV scanners
Eclipse "Immersojet" burners or Equiv.

Options Available

Drain/Overflow piping
Alarm horns
Access platforms and lights
Tunnel access doors
Tank clean-out doors
Interior lights
Split-top design
Conveyor Protector Brush for slit-top design

Washer

Construction	MS, SS
Tanks, drain decks	10 ga
Tunnel	12 or 14 ga
Headers, risers	CPVC
Burner tubes	Schedule 10 SS Schedule 40 MS
Assembled Sections	2 Stg: 1 3 Stg: 1 5 Stg: 2

Washer length

2 Stage	8'W x 10'H x 30' 10"L
3 Stage	8'W x 10'H x 39' 8"L
4 Stage	8'W x 10'H x 62' 8"L

Burner capacity	2,000,000 BTUH
Burner est operating	1,600,000 BTUH
Nozzle type	6550

Nozzle output

Clean/Phosphate	3.5 gpm
Rinse	3 gpm

Nozzle pressure

Clean/Phosphate	20 psi
Rinse	15 psi

Pumps

Clean/Phosphate	10 hp
Rinse	3 hp

Tank capacity

Clean/Phosphate	1,110 gallons
Rinse	520 gallons

Heated zone temperature	140 Deg F max
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2 Stage Washer

	Zone Length	Riser Sets
Entrance	6' 10"	
Stg 1: Clean/Phos	7' 0"	8
Stg 1 drain	6' 6"	
Stg 2: Rinse	3' 0"	4
Exit	6' 10"	

3 Stage Washer

	Zone Length	Riser Sets
Entrance	6' 10"	
Stg 1: Clean/Phos	7' 0"	8
Stg 1 drain	6' 6"	
Stg 2: Rinse	3' 0"	4
Stg 2 drain	6' 6"	
Stg 3: Rinse	3' 0"	4
Exit	6' 10"	

5 Stage Washer

	Zone Length	Riser Sets
Entrance	6' 10"	
Stg 1: Clean/Phos	7' 0"	8
Stg 1 drain	6' 6"	
Stg 2: Rinse	3' 0"	4
Stg 2 drain	6' 6"	
Stg 3: Phosphate	7' 0"	8
Stg 3 drain	6' 6"	
Stg 4: Rinse	3' 0"	4
Stg 4 drain	6' 6"	
Stg 5: Rinse	3' 0"	4
Exit	6' 10"	

*Split Top design required for higher conveyor.