



Project \_\_\_\_\_

Item \_\_\_\_\_ Quantity \_\_\_\_\_

Approved by \_\_\_\_\_ Date \_\_\_\_\_

AIA/SIS # \_\_\_\_\_



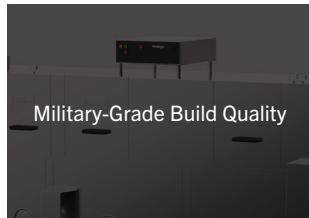
# SUPER 106

Triple Tank Rack Conveyor Dishwasher with Pre-Wash



# 330

Racks Per Hour



Military-Grade Build Quality



CrossFire™ Wash System



Made in the USA

## SPECIFIER STATEMENT

Specified unit will be a Super 106 triple tank rack conveyor dishwasher with recirculating pre-wash, wash, and dual rinse systems and fresh water final rinse. Features include ColorCorrect curtains, CrossFire wash system, elevated top-mounted NEMA 12 control panel, automatic tank fill, and capillary thermometers for wash and rinse. Includes a 1-year parts and labor warranty.

## STANDARD FEATURES

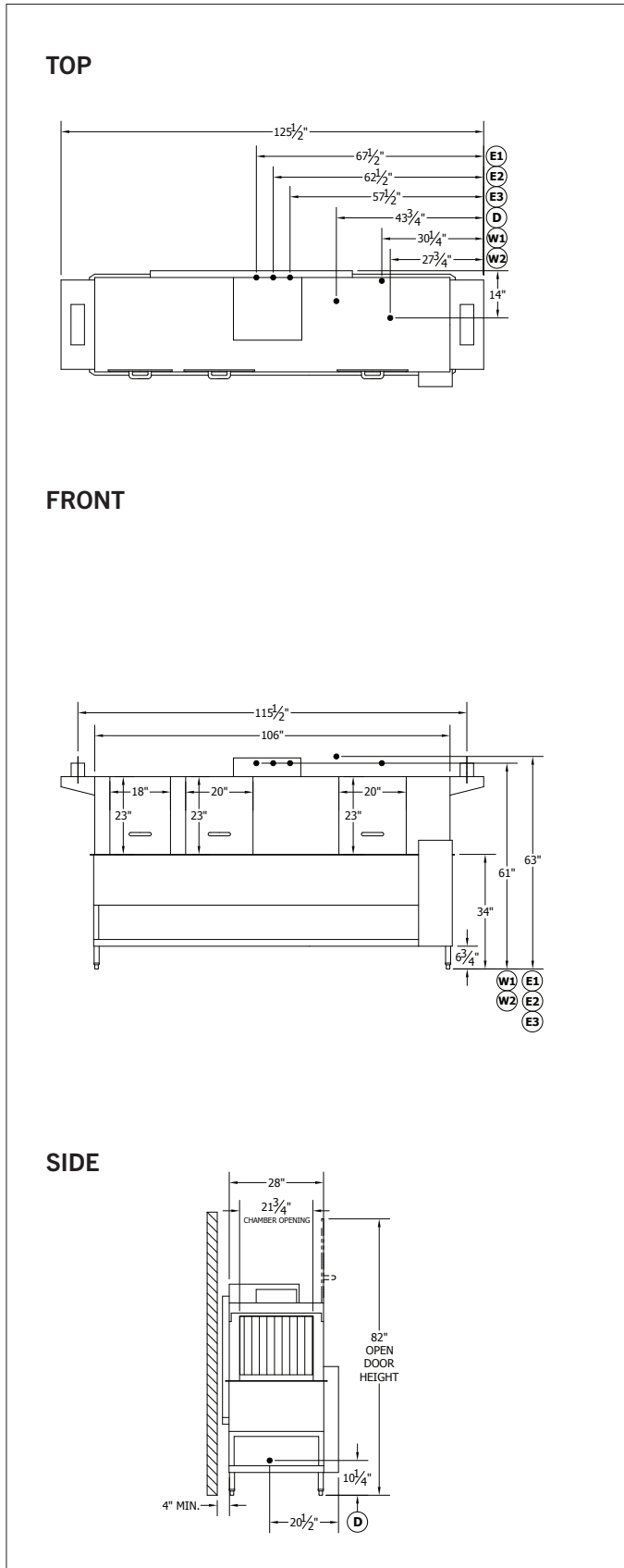
- Washes 330 racks (20" x 20") per hour
- Alternative to flight type solution
- ColorCorrect dish curtains
- CrossFire™ wash system
- Easily-cleaned crowned hood top
- Elevated top-mounted NEMA 12 control panel
- Automatic tank fill
- Capillary thermometers for wash and rinse
- Detergent connection provision
- Door safety switch
- In-line thermometer for final rinse
- Left or right hand configuration
- Low water protection
- Override switch for de-liming
- Standard frame drip proof motors
- Timing belt conveyor drive
- Vacuum breaker on all incoming water lines
- Ventilation fan connection provision

## OPTIONS & ACCESSORIES

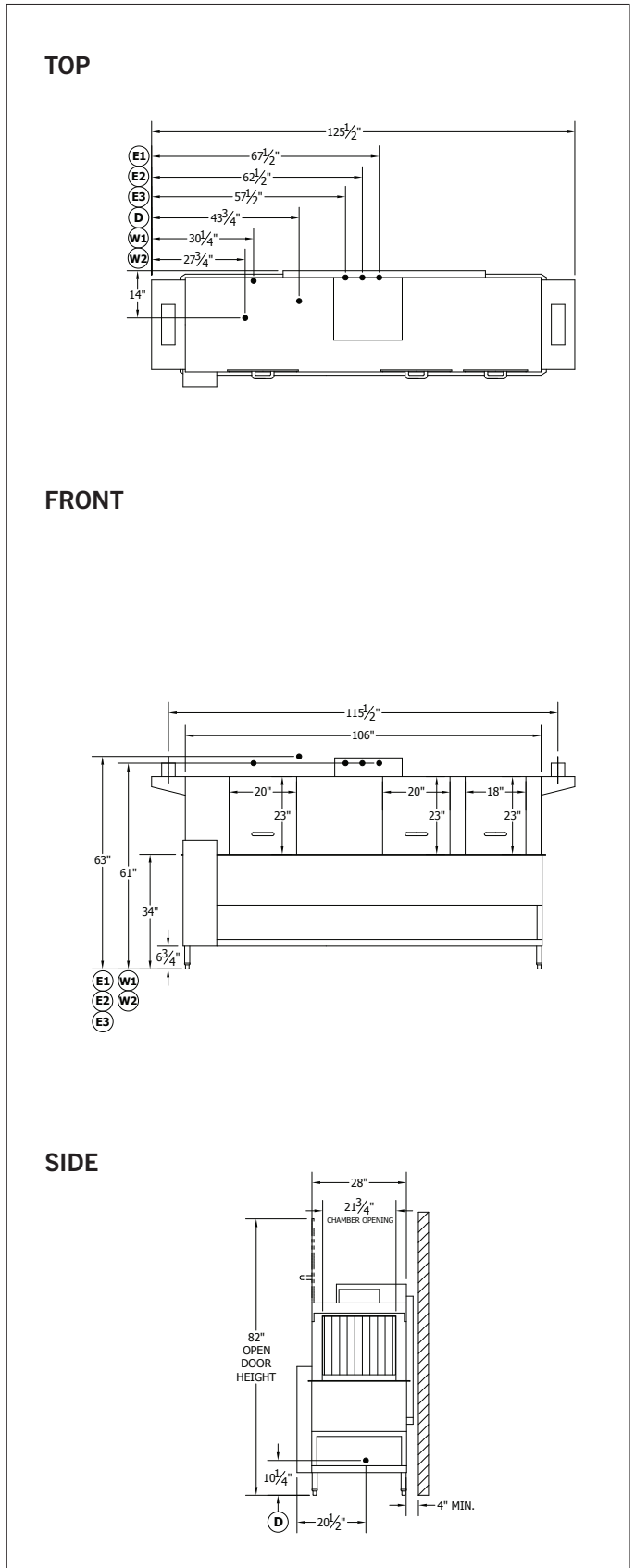
- 20" x 20" dish racks (peg, flat, cup, or sheet pan)
- Door activated drain closers
- Drain water cooldown
- Electric booster
- End cowls with vent and damper controls
- Extra high hood
- Insulated hood and door
- Left or right hand feed
- Power Loader (Speeder/Super)
- Power Unloader
- Rack limit switch
- Security package
- Single point electrical connection (Booster requires a separate connection)
- Stainless steel splash guards
- Stainless steel steam coil tank heat
- Steam booster
- Steam pressure regulating valve
- Totally enclosed motors

# TECHNICAL INFORMATION (ELECTRIC)

LEFT TO RIGHT

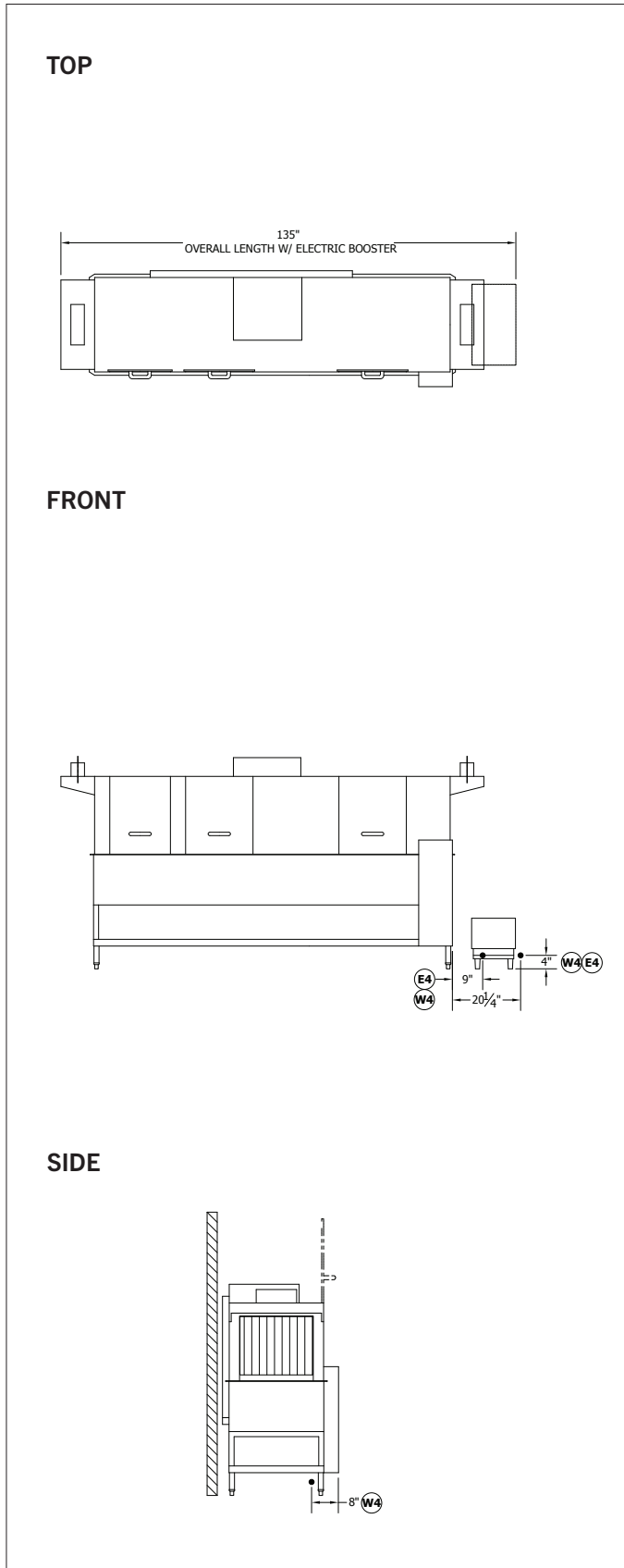


RIGHT TO LEFT

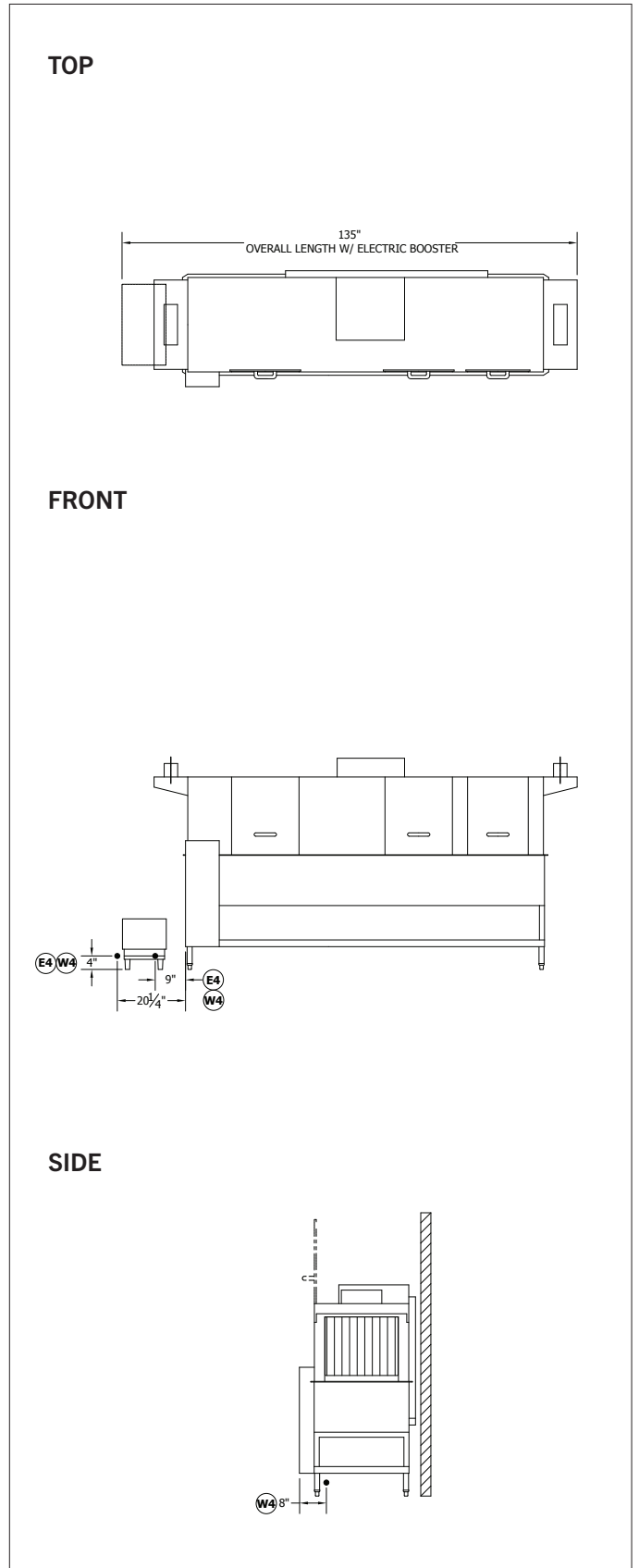


# TECHNICAL INFORMATION (ELECTRIC BOOSTER)

LEFT TO RIGHT

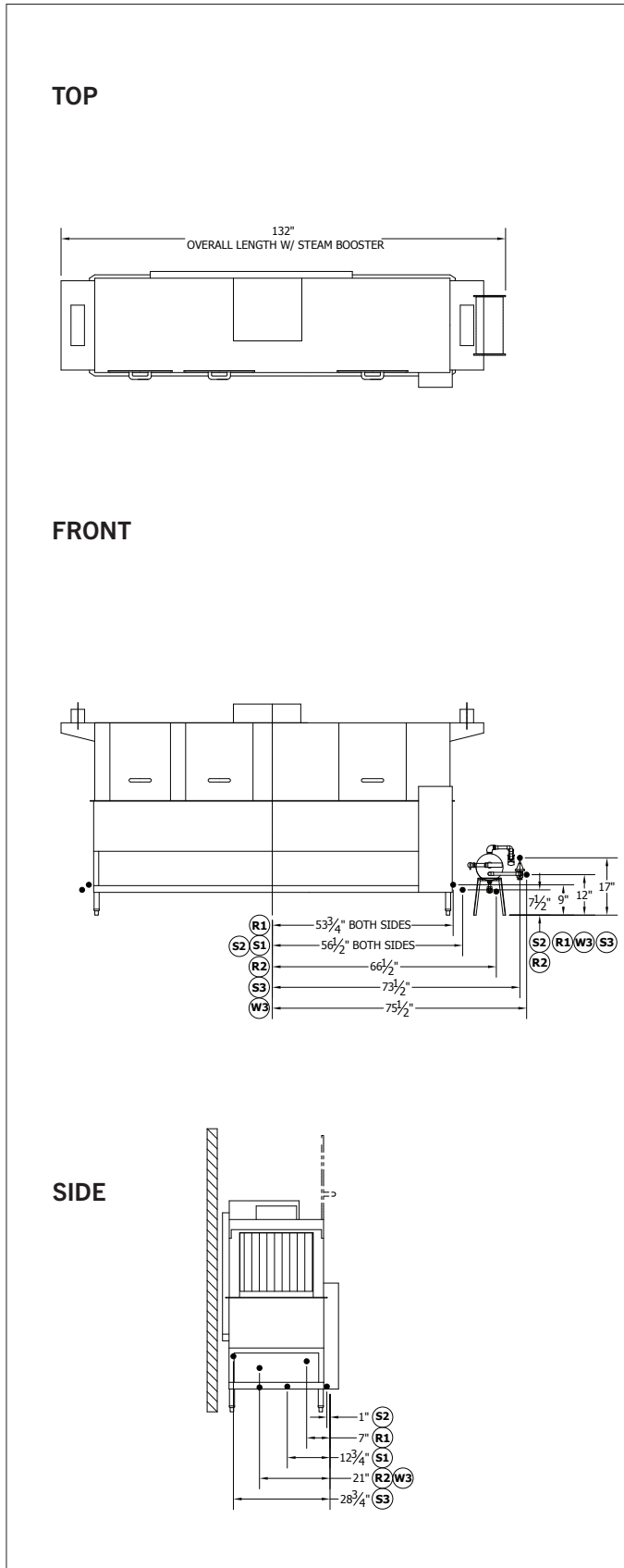


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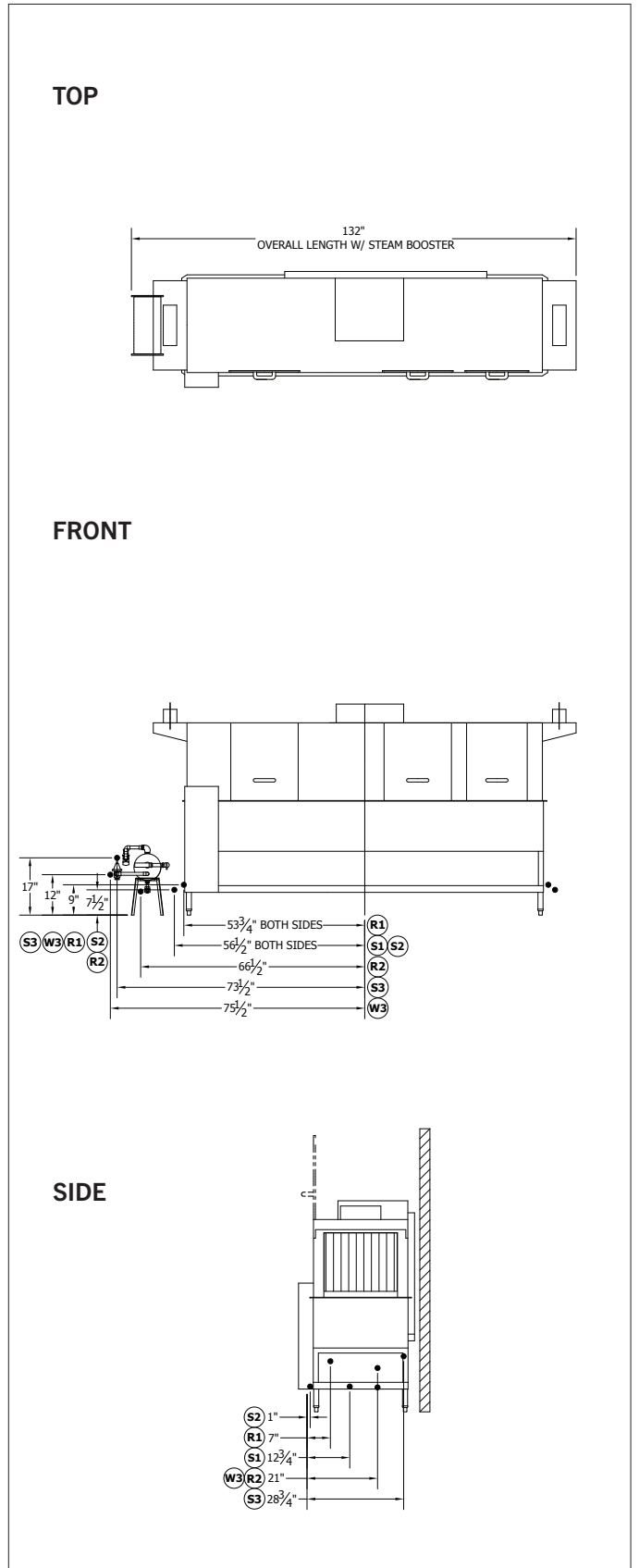


# TECHNICAL INFORMATION (STEAM)

## LEFT TO RIGHT



## RIGHT TO LEFT



## SPECIFICATIONS

|                              |                                       |              |
|------------------------------|---------------------------------------|--------------|
| <b>Capacity</b>              | Racks Per Hour (20"x 20")             | 330          |
|                              | Dishes Per Hour                       | 8,250        |
|                              | Meals Per Hour                        | 300-600      |
| <b>Heating &amp; Venting</b> | Wash Tank Heat                        | 7.5 kW       |
|                              | Rinse Tank Heat                       | 15 kW        |
|                              | Booster Heat (40°F Rise)              | 15 kW        |
|                              | Booster Heat (70°F Rise)              | 27 kW        |
|                              | Venting (Load End)                    | 350 CFM      |
|                              | Venting (Unload End)                  | 350 CFM      |
|                              | Water Inlet Temperature (min.)        | 110°F        |
| <b>Water</b>                 | Final Rinse Consumption (20 PSI)      | .72 gal/rack |
|                              | Pre-Wash Tank Capacity                | 14 gal       |
|                              | Wash Tank Capacity                    | 25 gal       |
|                              | Rinse Tank Capacity                   | 25 gal       |
|                              | Peak Drain Flow                       | 23 gal/min   |
|                              | Steam Tank Consumption (20 PSI)       | 108 lbs/hr   |
| <b>Steam</b>                 | Steam Consumption (20 PSI, 40°F Rise) | 84 lbs/hr    |
|                              | Steam Consumption (20 PSI, 70°F Rise) | 147 lbs/hr   |
|                              | Pre-Wash Motor                        | 1/2 HP       |
| <b>Other</b>                 | Drive Motor                           | 1/6 HP       |
|                              | Wash Motor                            | 1.5 HP       |
|                              | Rinse Motor                           | 1.5 HP       |
|                              | Shipping Weight                       | 1,400 lbs    |

## LEGEND

| Type              | Label     | Description                   | Note         |
|-------------------|-----------|-------------------------------|--------------|
| <b>Water</b>      | <b>W1</b> | HOT WATER TO AUTO FILL        | 3/4 FIPS     |
|                   | <b>W2</b> | HOT WATER TO FINAL RINSE      | 1/2 FIPS     |
|                   | <b>W3</b> | HOT WATER TO STEAM BOOSTER    | 1/2 FIPS     |
|                   | <b>W4</b> | HOT WATER TO ELECTRIC BOOSTER | 1/2 FIPS     |
| <b>Electrical</b> | <b>D</b>  | DRAIN CONNECTION              | 2 FIPS       |
|                   | <b>E1</b> | ELECTRICAL SERVICE MOTORS     | 2.25 HP      |
|                   | <b>E2</b> | ELECTRICAL SERVICE WASH HEAT  | 7.5 kW       |
|                   | <b>E3</b> | ELECTRICAL SERVICE RINSE HEAT | 15 kW        |
| <b>Steam</b>      | <b>E4</b> | ELECTRICAL SERVICE BOOSTER    | 27 or 45 kW  |
|                   | <b>S1</b> | STEAM TO WASH TANK            | 1/2 FIPS     |
|                   | <b>S2</b> | STEAM TO RINSE TANK           | 3/4 FIPS     |
|                   | <b>S3</b> | STEAM TO BOOSTER              | 1/2 - 1 FIPS |
| <b>Other</b>      | <b>R1</b> | CONDENSATE RETURN TANK COILS  | 1/2 FIPS     |
|                   | <b>R2</b> | CONDENSATE RETURN BOOSTER     | 1/2 FIPS     |

Contact Insinger Sales at 800-344-4802 for an installation drawing specific to your application.  
 Note: Due to product improvement we reserve the right to change information and specifications without notice.

## ELECTRICAL

|                    | Service Options | Super 106<br>(Electric Tank Heat) | 27 kW<br>Booster | 45 kW<br>Booster | Super 106<br>(Steam Tank Heat) |
|--------------------|-----------------|-----------------------------------|------------------|------------------|--------------------------------|
| Electrical Options | 208/60/3        | 101.8 A                           | 75 A             | 125 A            | 18.5 A                         |
|                    | 240/60/1        | N/A                               | 112.5 A          | 187.5 A          | 28.6 A                         |
|                    | 240/60/3        | 88.9 A                            | 65 A             | 108.3 A          | 16.8 A                         |
|                    | 380/50/3        | 55.7 A                            | Contact Factory  |                  | 10.1 A                         |
|                    | 480/60/3        | 44.5 A                            | 32.5 A           | 54.2 A           | 8.4 A                          |

## TABLE CONFIGURATION

