

RackStar® 66

Project _____
Item _____
Quantity _____
CSI Section 11400
Approval _____
Date _____

RackStar® 66

Models

RackStar 66



Standard Features

- Adjustable Rinse System
- Rainbow Rinse™ with arched rinse arm design
- 19-3/4" (502 mm) clearance
- WISR® Cleaning System
- Double-wall insulated doors retain heat, keeping wash water hot & generating less heat in the dish room
- Self-cleaning wash arms
- 22" pre-wash
- Fully automatic, including auto-fill
- Adjustable vent cowl collars
- Exclusive EnergyGuard™ controls
- Self-draining stainless steel wash pump
- Digital LED control panel
- Strike plate table limit switch
- Large front access for ease of maintenance
- Stainless steel strainer pans
- Splash shields
- Stainless steel frame and legs
- Exhaust vent fan control
- 15kW wash tank heater
- Front dress panel
- Adjustable bullet feet

Mandatory Specs

Specify:

- ☐ Electric
☐ Steam

Specify Voltage _____

Specify Sanitizing Method:

- ☐ High Temperature
☐ Chemical Sanitizing

Specify Direction of Operation:

- ☐ Left to Right
☐ Right to Left

Options

- ☐ Higher than Standard Chamber Height
☐ Onboard Booster
☐ 40° F (22.2° C) Rise
☐ 70° F (38.9° C) Rise
☐ Single Point Connection with Onboard Booster
☐ Steam Booster Heater
☐ 23" (584 mm) Unhooded Side Loader
☐ 30" (762 mm) Unhooded Side Loader
☐ 1/2" Pressure Regulator
☐ Flanged Feet
☐ Prison Package

Accessories

- ☐ 36-Compartment Rack
☐ 4-1/8" tall (104 mm)
☐ 5 - 5/8" tall (143 mm)
☐ 7" tall (178 mm)
☐ Combination Rack
☐ Peg Rack
☐ Sheet Pan Rack
☐ Drain Water Tempering Kit*
☐ Scaltrol
☐ Water Hammer Arrestor

*Requires separate electrical connection

Specifications

Uses 0.35 gallons of water (1.32 liters) per rack in Econo Rinse mode

Uses 0.52 gallons of water (1.97 liters) per rack in Turbo Rinse mode

Cleans 223 racks per hour

22" (559 mm) pre-wash section has 3 upper and 1 lower pre-wash arms

Durable stainless steel construction



Intertek



Intertek



RackStar® 66

Left to Right

LEGEND

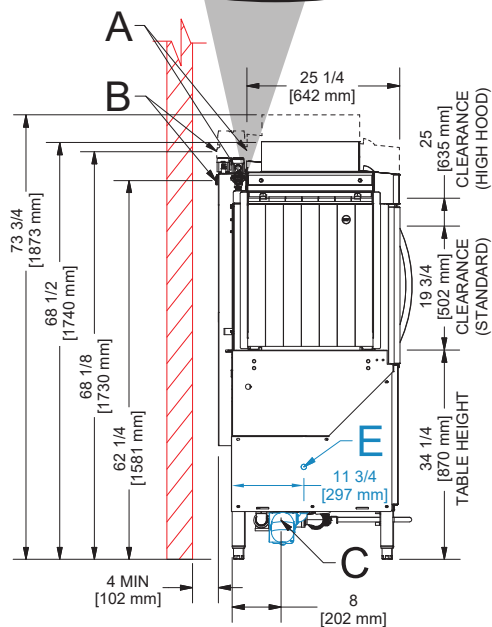
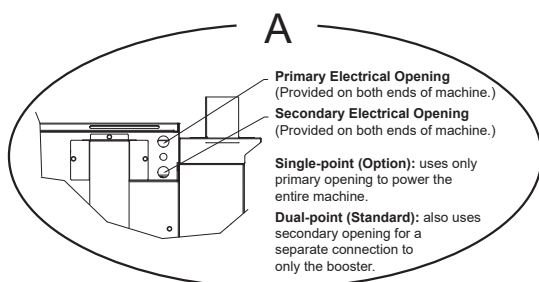
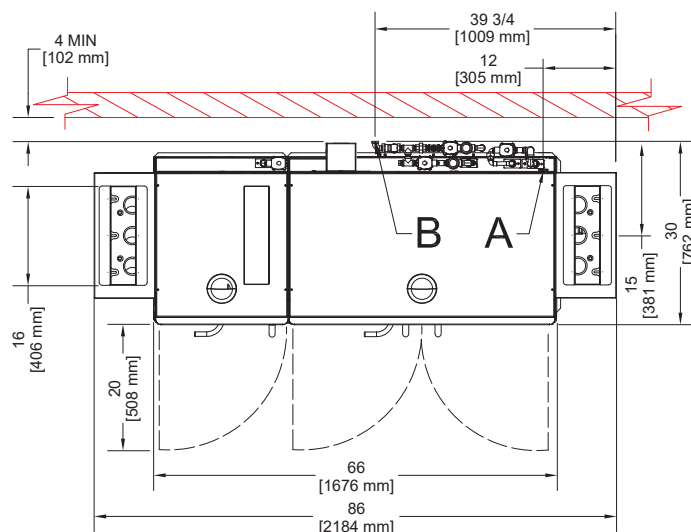
- A - Electrical Connection
- B - Main Water Inlet
(1/2" NPT, 110 °F MIN (18 kW Booster),
140 °F MIN (12 kW Booster), or 180 °F MIN
(No Booster or Supplied from Steam Booster))
- C - Drain Connection
(1 1/2" NPT)
- D - Vent Connections
(Including Dampers)
- E - Steam Connection
(3/4" NPT)

- - Open Door
- - High Hood Option

All dimensions from the floor can be increased
1 3/4" using the machine's adjustable feet.

Items in red are not supplied with the machine.

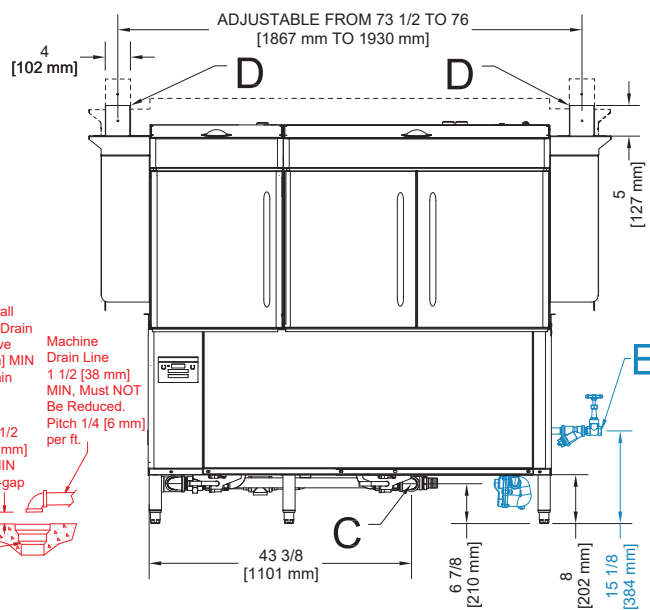
Items in blue are for the Steam option.



Must Install
Machine Drain
Line above
3 [76 mm] MIN
Floor Drain
or Sink

Machine
Drain Line
1 1/2 [38 mm]
MIN, Must NOT
Be Reduced.
Pitch 1/4 [6 mm]
per ft.

1 1/2
[38 mm]
MIN
Air-gap



RECOMMENDED TABLE FABRICATION

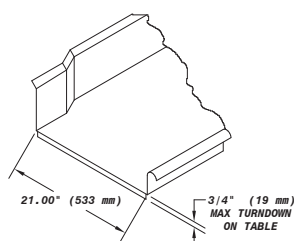
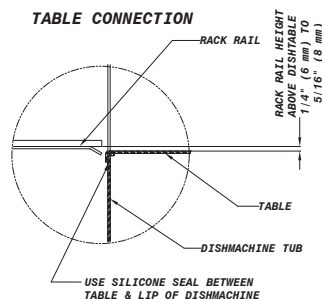


TABLE CONNECTION



LEGEND

- A - Electrical Connection
- B - Main Water Inlet
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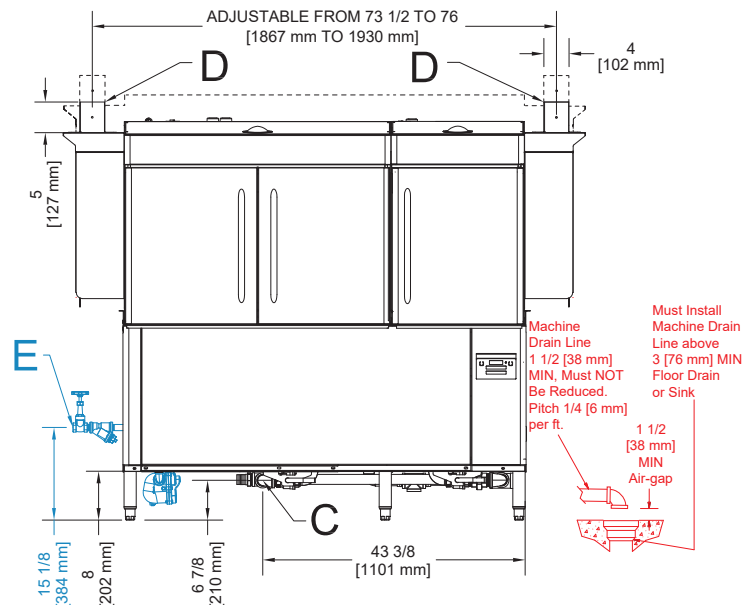
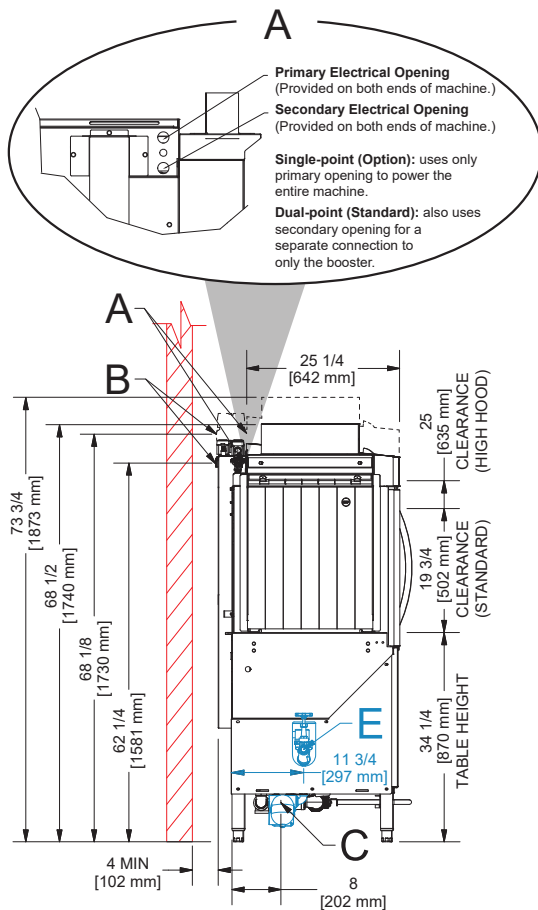
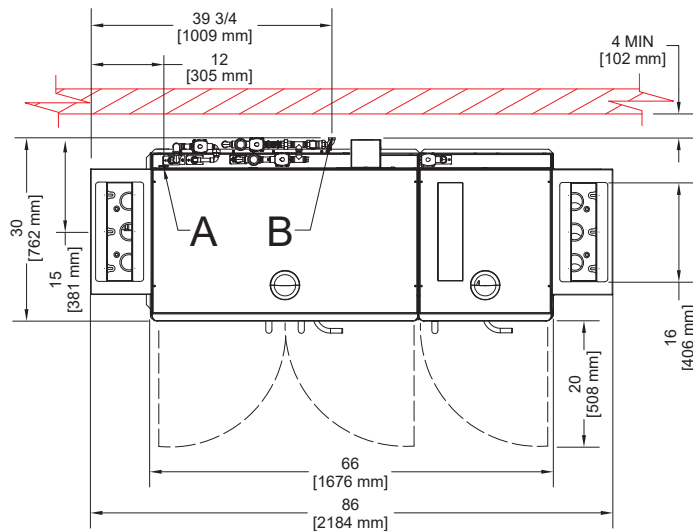
— — — — — - Open Door

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1 3/4" using the machine's adjustable feet.

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Items in blue are for the Steam option.



RECOMMENDED TABLE FABRICATION

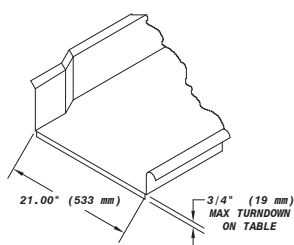
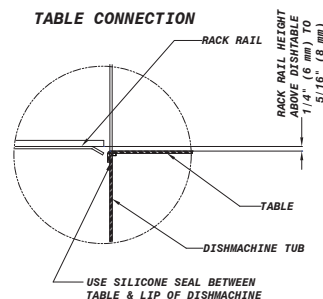


TABLE CONNECTION



| MODEL NO. | MACHINE DIMENSIONS | | | | DRAIN HEIGHT | SHIPPING INFORMATION | | | | | |
|--------------------------|--------------------|---------------------------|--------------|-----------------------|-----------------|----------------------|-------|----------------|---------------|---------------|---------------|
| | HEIGHT | LENGTH BETWEEN DISHTABLES | DEPTH | DEPTH WITH DOORS OPEN | | WEIGHT | CLASS | CUBE | HEIGHT | WIDTH | DEPTH |
| RackStar 66 | 68-1/2" (1740 mm) | 66" (1676 mm) | 30" (762 mm) | 50" (1270 mm) | 6-7/8" (210 mm) | 1,115 lbs (506 kg) | 150 | 166.67 cu. ft. | 75" (1905 mm) | 96" (2439 mm) | 40" (1016 mm) |
| RackStar 66 Tall Chamber | 73-3/4" (1874 mm) | 66" (1676 mm) | 30" (762 mm) | 50" (1270 mm) | 6-7/8" (210 mm) | 1,135 lbs (515 kg) | 150 | 166.67 cu. ft. | 75" (1905 mm) | 96" (2439 mm) | 40" (1016 mm) |

| OPERATING CAPACITY | | |
|--------------------|------------------|---------------------|
| | High-Temperature | Chemical Sanitizing |
| Racks per Hour | 223 | 223 |
| Dishes per Hour | 5,575 | 5,575 |
| Glasses per Hour | 8,028 | 8,028 |

| OPERATING TEMPERATURES | | |
|------------------------|---------------------------|---------------------------|
| | High-Temperature | Chemical Sanitizing |
| Pre-Wash | 110 - 140° F (43 - 60° C) | 110 - 120° F (43 - 49° C) |
| Wash (minimum) | 160° F (71° C) | 120° F (49° C) |
| Rinse (minimum) | 180° F (82° C) | 120° F (49° C) |

| WATER REQUIREMENTS | |
|--|--------------------------------------|
| Inlet Temperature (minimum) | |
| With 40° F (22.2° C) Rise Booster Heater | 140° F (60° C) |
| With 70° F (38.9° C) Rise Booster Heater | 110° F (43° C) |
| Gallons per Hour (Econo Rinse / Turbo Rinse) | 78 gal (295 L) / 116 gal (239.1 L) |
| Gallons per Rack (Econo Rinse / Turbo Rinse) | 0.35 gal (1.3 L) / 0.52 gal (1.97 L) |
| Waterline Size IPS (minimum) | 1/2" |
| Drainline Size IPS (minimum) | 1-1/2" |
| Flow Pressure (PSI) | 15 |
| Flow Rate GPM (minimum) | 1.30 (4.9 LPM) |
| Wash Tank Capacity | 25 gal (95 L) |

| WASH PUMPS | |
|------------------------|--------------------|
| Pre-Wash Pump Motor | 2 hp |
| Wash Pump Motor | 3 hp |
| Pre-Wash Pump Capacity | 220 GPM (833 LPM) |
| Wash Pump Capacity | 270 GPM (1022 LPM) |

| CONVEYOR | |
|----------------------------------|---------------------|
| Conveyor Motor | 1/4 hp |
| Conveyor Speed (feet per minute) | 6.07 FPM (1.85 MPM) |

| VENTING REQUIREMENTS | |
|----------------------|---------|
| Input End | 200 CFM |
| Output End | 200 CFM |
| Total CFM | 400 CFM |

| STEAM COIL TANK HEAT (STEAM MODELS ONLY) | |
|--|-------|
| Steam Connection IPS | 3/4" |
| Steam Flow Pressure (PSIG) | 10-30 |
| Consumption @ 15 PSIG (lbs/hr) | 60 |

HOW TO SPECIFY: RackStar 66

| ELECTRICAL REQUIREMENTS - SINGLE POINT CONNECTION | | | |
|---|------------|--------------------------|--------------------------------|
| Power Supply | Total Load | Minimum Circuit Ampacity | Maximum Overcurrent Protection |
| WITH 18kW/70° RISE ONBOARD BOOSTER | | | |
| 208/60/3 | 106.0 A | 108.3 A | 115 A |
| 230/60/3 | 93.8 A | 95.9 A | 100 A |
| 460/60/3 | 47.1 A | 48.2 A | 50 A |
| 208/60/1 | 183.7 A | 187.1 A | 200 A |
| 230/60/1 | 157.7 A | 160.7 A | 170 A |
| WITH 12kW/40° RISE ONBOARD BOOSTER | | | |
| 208/60/3 | 91.4 A | 93.7 A | 100 A |
| 230/60/3 | 79.4 A | 81.5 A | 90 A |
| 460/60/3 | 39.8 A | 40.9 A | 45 A |
| 208/60/1 | 154.9 A | 158.3 A | 170 A |
| 230/60/1 | 132.7 A | 135.7 A | 145 A |
| WITH NO BOOSTER | | | |
| 208/60/3 | 58.1 A | 60.4 A | 65 A |
| 230/60/3 | 50.5 A | 52.6 A | 60 A |
| 460/60/3 | 25.4 A | 26.5 A | 30 A |
| 208/60/1 | 97.2 A | 100.6 A | 110 A |
| 230/60/1 | 82.6 A | 85.7 A | 95 A |
| STEAM TANK HEAT | | | |
| 208/60/3 | 16.5 A | 18.8 A | 25 A |
| 230/60/3 | 15.9 A | 18.1 A | 25 A |
| 460/60/3 | 8.1 A | 9.2 A | 15 A |
| 208/60/1 | 25.1 A | 28.5 A | 40 A |
| 230/60/1 | 22.8 A | 25.8 A | 35 A |

| ELECTRICAL REQUIREMENTS - DUAL POINT CONNECTION | | | |
|---|------------|--------------------------|--------------------------------|
| Power Supply | Total Load | Minimum Circuit Ampacity | Maximum Overcurrent Protection |
| WITH 18kW/70° RISE ONBOARD BOOSTER | | | |
| 208/60/3 - Machine | 58.1 A | 60.4 A | 65 A |
| 208/60/3 - 18kW Booster | 47.9 A | 49.2 A | 50 A |
| 230/60/3 - Machine | 50.5 A | 52.6 A | 60 A |
| 230/60/3 - 18kW Booster | 43.3 A | 44.6 A | 45 A |
| 460/60/3 - Machine | 25.4 A | 26.5 A | 30 A |
| 460/60/3 - 18kW Booster | 21.7 A | 23.0 A | 25 A |
| 208/60/1 - Machine | 97.2 A | 100.6 A | 110 A |
| 208/60/1 - 18kW Booster | 86.5 A | 87.8 A | 90 A |
| 230/60/1 - Machine | 82.7 A | 85.7 A | 95 A |
| 230/60/1 - 18kW Booster | 75.0 A | 76.3 A | 80 A |
| WITH 12kW/40° RISE ONBOARD BOOSTER | | | |
| 208/60/3 - Machine | 58.1 A | 60.4 A | 65 A |
| 208/60/3 - 12kW Booster | 33.3 A | 34.6 A | 35 A |
| 230/60/3 - Machine | 50.5 A | 52.6 A | 60 A |
| 230/60/3 - 12kW Booster | 28.9 A | 30.2 A | 35 A |
| 460/60/3 - Machine | 25.4 A | 26.5 A | 30 A |
| 460/60/3 - 12kW Booster | 14.4 A | 15.7 A | 20 A |
| 208/60/1 - Machine | 97.2 A | 100.6 A | 110 A |
| 208/60/1 - 12kW Booster | 57.7 A | 59.0 A | 60 A |
| 230/60/1 - Machine | 82.7 A | 85.7 A | 95 A |
| 230/60/1 - 12kW Booster | 50.0 A | 51.3 A | 55 A |

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