

RackStar® 66

High Temperature Sanitizing
Rack Conveyor Dishwasher

Standard Features

- WISR® cleaning system
- Built-in booster heater 70 °F (38.9 °C) rise
- 22" pre-wash
- Self-cleaning wash arms
- Adjustable rinse system
 - Econo uses 0.38 gallons per rack
 - Turbo uses 0.65 gallons per rack
- Rainbow Rinse™ with arched rinse arm design
- Automatic tank fill
- Digital LED display
- Delime cycle
- 19 3/4" (502 mm) vertical chamber clearance
- Adjustable vent cowl collars
- Exclusive EnergyGuard™ controls
- Hinged doors provide large front access for ease of cleaning and maintenance
- Double-wall insulated doors retain heat, keeping the wash water hot and generating less heat in the dishroom
- Stainless steel strainer pans
- Splash shields
- Strike plate table limit switch
- Self-draining stainless steel wash pump
- Vent fan control shuts vent fan off when machine is idle
- Stainless steel front dress panel
- Durable stainless steel construction

Options & Accessories

- | | |
|--|--------------------------------------|
| ➤ 460V Electrical | ➤ Security Package |
| ➤ Higher than Standard Hood (25") | ➤ Scaltrol |
| ➤ Single Point Connection with Onboard Booster | ➤ Replacement Cartridge for Scaltrol |
| ➤ Steam Booster Heater | ➤ 36-Compartment Rack |
| ➤ No Booster Option ¹ | 4-1/8" tall (105 mm) |
| ➤ Drain Water Tempering Kit ² | 5-5/8" tall (143 mm) |
| ➤ Water Hammer Arrestor | 7" tall (178 mm) |
| ➤ Pressure Regulator | ➤ Combination Rack |
| ➤ Flanged Feet | ➤ Peg Rack |
| | ➤ Sheet Pan Rack |



Specification Statement

Specified unit will be a Jackson RackStar 66 high temperature sanitizing rack conveyor dishwasher, rated by ETL Sanitation to NSF/ANSI Standard 3. Unit will be ENERGY STAR® certified. Unit will be a 44" single tank unit with a 22" pre-wash. Unit to be rated for 224 racks per hour, with adjustable rinse system featuring Econo Rinse using 0.38 gallons per rack and Turbo Rinse using 0.65 gallons per rack. Unit includes WISR® cleaning system with self-cleaning wash arms, Rainbow Rinse™ with arched rinse arm design, and built-in 24kW 70°F rise booster heater. Features include digital LED display, EnergyGuard™ controls, 19 3/4" vertical chamber clearance, automatic tank fill, hinged double-wall insulated doors, self-draining 3.0 HP stainless steel wash pump motor, and vent fan control. Constructed of durable stainless steel with available flanged feet option.

1-year parts and labor warranty.

Mandatory Specs

- Voltage _____
- Tank Heat
 - ☐ Electric
 - ☐ Steam
- Direction of Operation
 - ☐ Left to Right
 - ☐ Right to Left

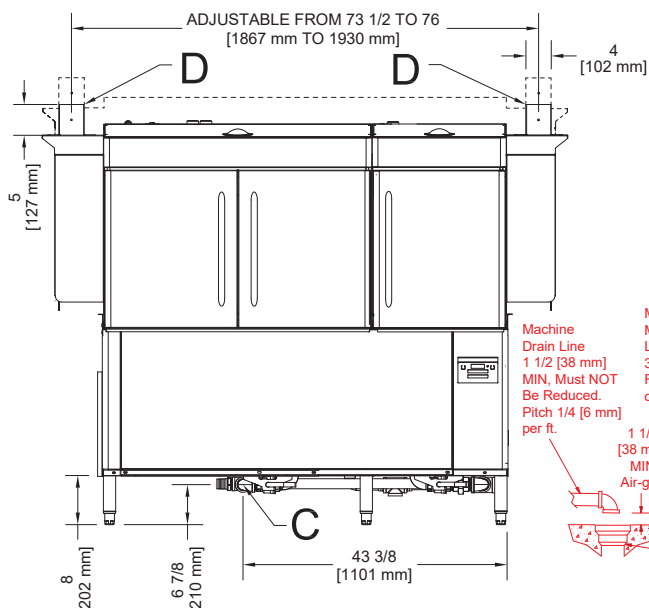
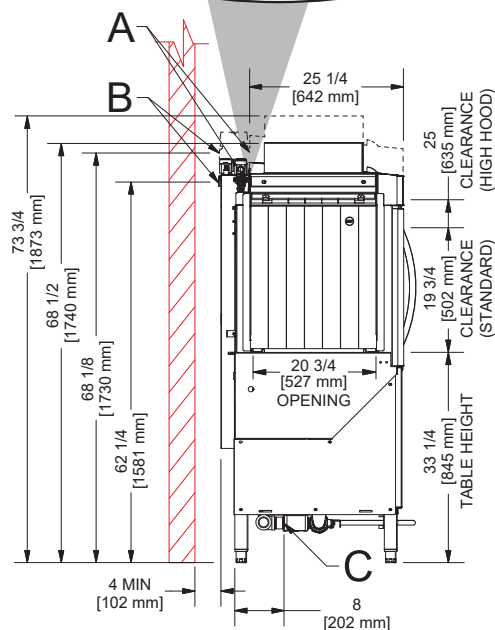
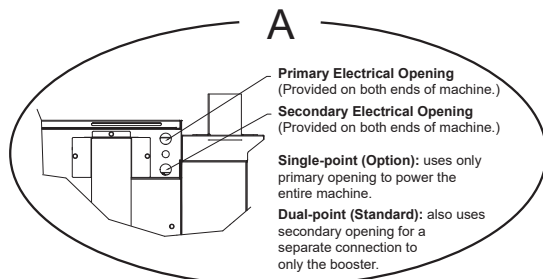
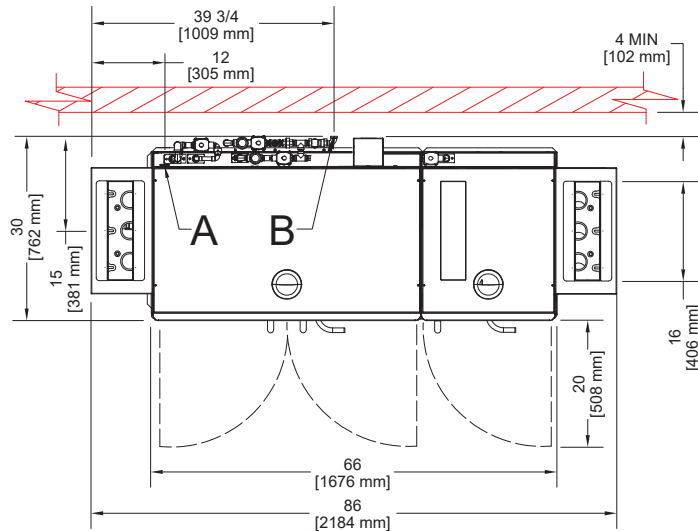
Electric Right to Left

LEGEND

- A - Electrical Connection
- B - Main Water Inlet
(1/2" NPT, 110 °F MIN (24 kW Booster) or
180 °F MIN (No Booster))
- C - Drain Connection
(1 1/2" NPT)
- D - Vent Connections
(Including Dampers)
- — — — — 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.



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

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

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

Electric Left to Right

LEGEND

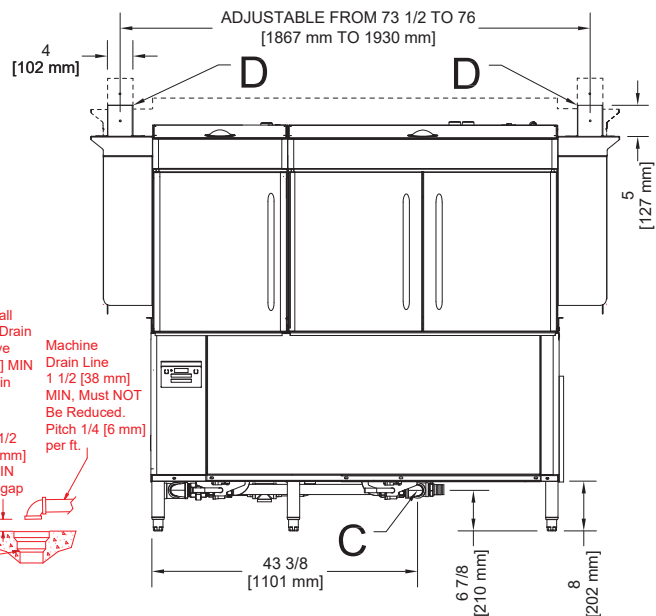
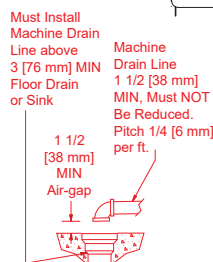
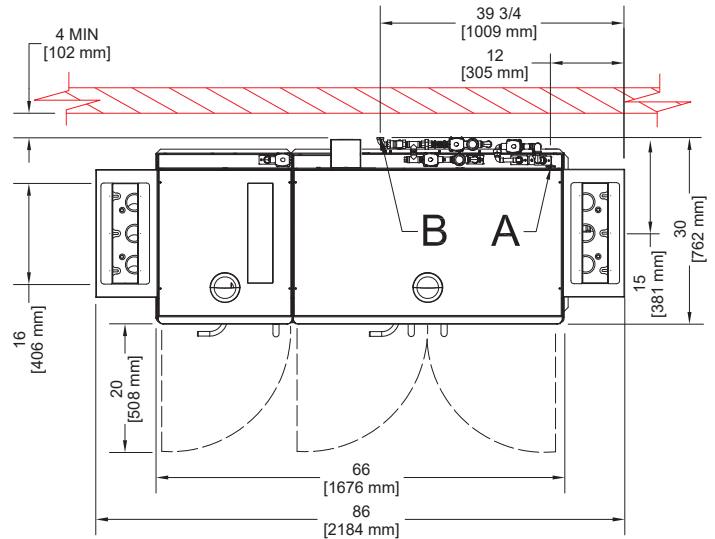
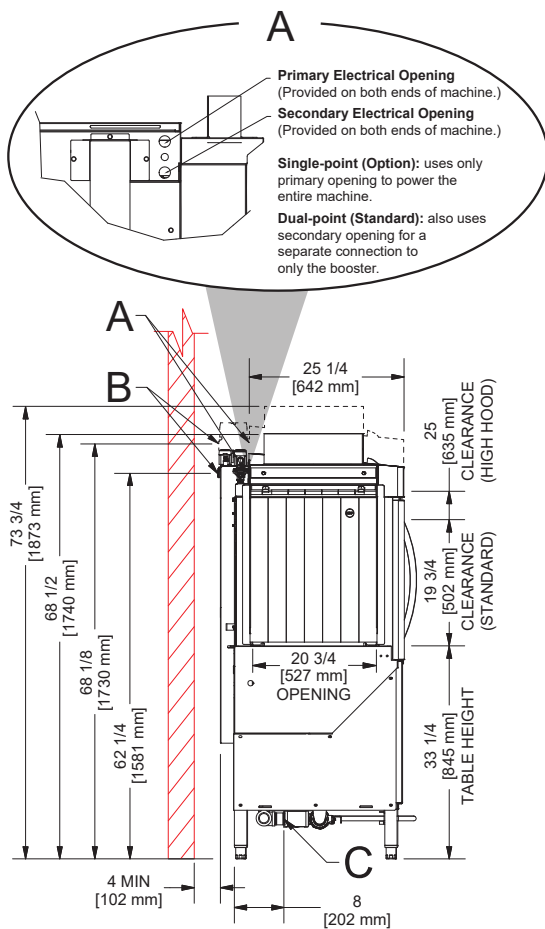
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Steam Right to Left

LEGEND

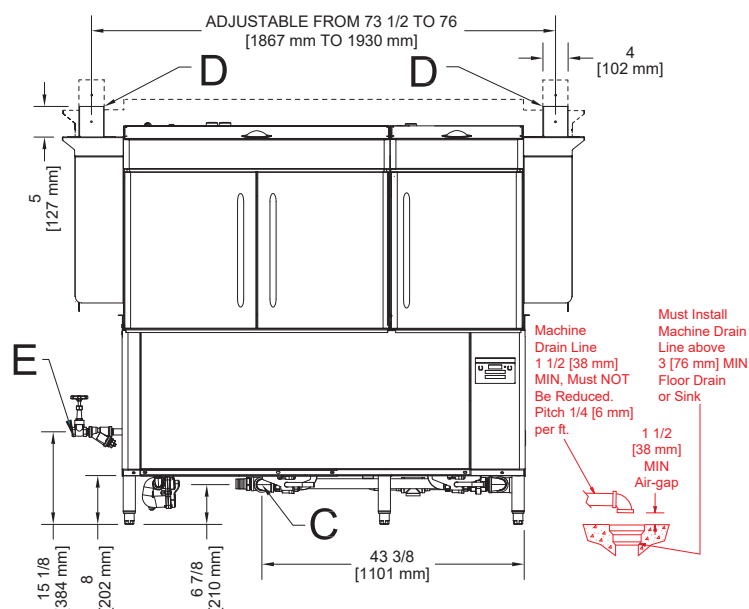
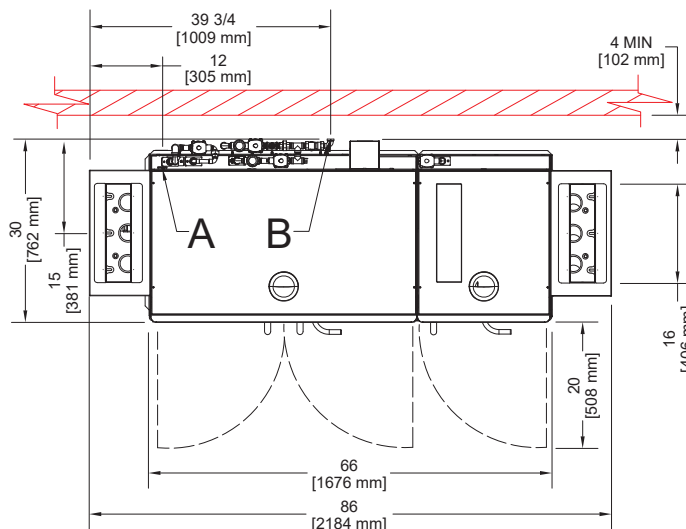
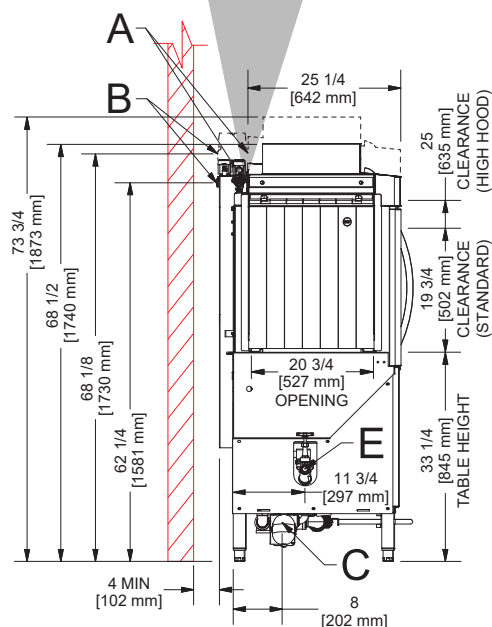
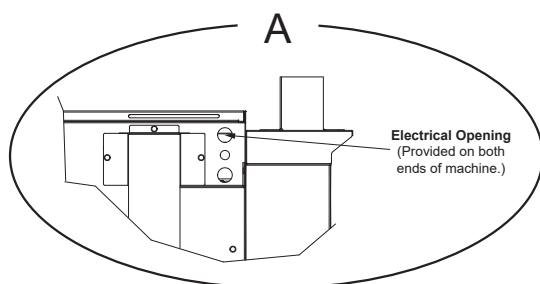
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- B - Main Water Inlet
(180 °F MIN, Supplied from Steam Booster)
- C - Drain Connection
(1 1/2" NPT)
- D - Vent Connections
(Including Dampers)
- E - Steam Connection
(3/4" NPT)

— — — — — Open Door

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Steam Left to Right

LEGEND

- A - Electrical Connection
- B - Main Water Inlet
(180 °F MIN, Supplied from Steam Booster)
- C - Drain Connection
(1 1/2" NPT)
- D - Vent Connections
(Including Dampers)
- E - Steam Connection
(3/4" NPT)

— — — — — Open Door

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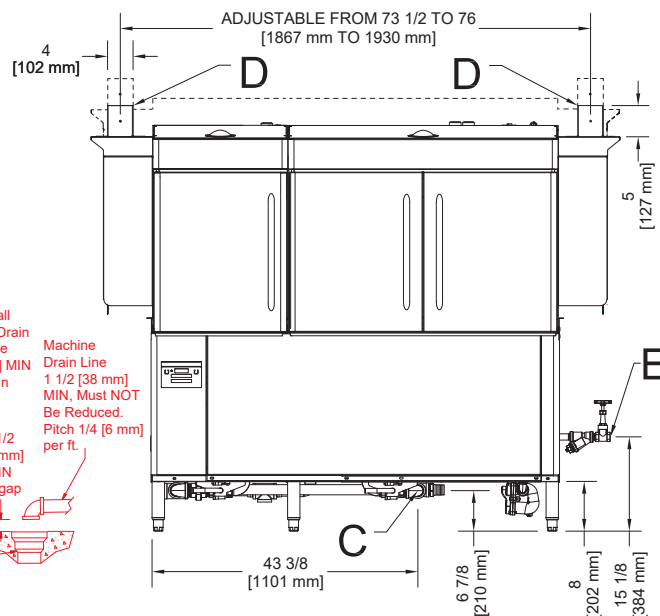
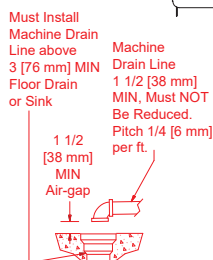
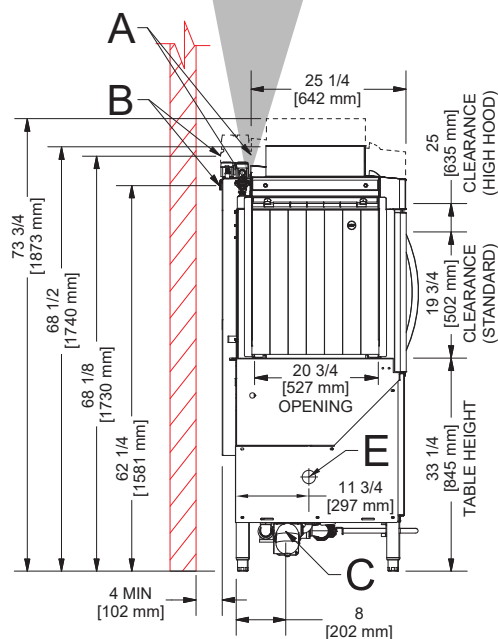
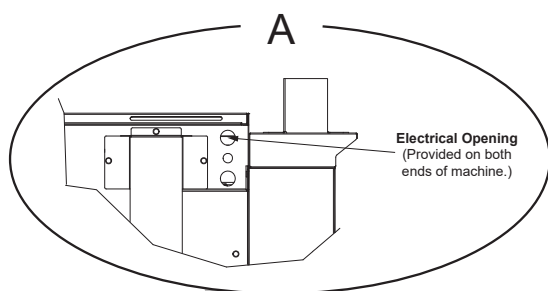
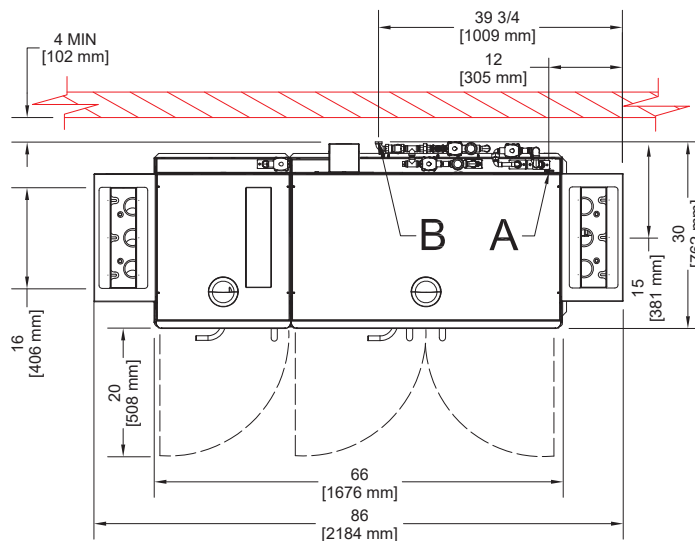
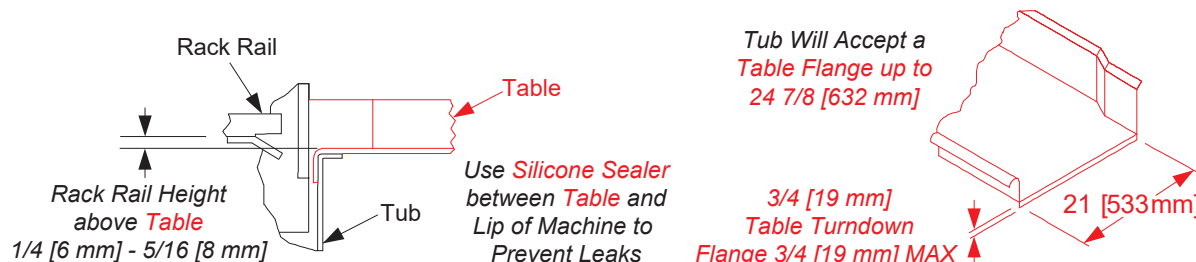


Table Fabrication



Operating Capacity

Racks per Hour	224
Dishes per Hour	5,600
Glasses per Hour	8,064

Operating Speed

Conveyor Speed (feet per minute)	6.10 (1.86 MPM)
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Operating Temperature

Pre-wash Temperature	110-140 °F (43-60 °C)
Wash Temperature (minimum)	160 °F (71 °C)
Rinse Temperature (minimum)	180 °F (82 °C)

Water Consumption

Gallons per Rack	
Econo Rinse	0.38 (1.4 L)
Turbo Rinse	0.65 (2.5 L)
Gallons per Hour	
Econo Rinse	85.12 (322.2 L)
Turbo Rinse	145.60 (551.2 L)
Flow Rate (GPM)	1.30 (4.9 LPM)
Pre-wash Tank Capacity (gallons)	15.80 (59.8 L)
Wash Tank Capacity (gallons)	
70 °F Rise Booster (standard)	24.00 (90.8 L)
No Booster	27.21 (103.0 L)
Pre-wash Pump Capacity	220 GPM (833 LPM)
Wash Pump Capacity	270 GPM (1,022 LPM)

Water Requirements

Incoming Water Temperature	
70 °F Rise Booster	110 °F (43 °C)
No Booster	180 °F (82 °C)
Flow Pressure (PSI)	20 ± 2
Incoming Water Connection (NPT)	1/2"
Drain Connection (NPT)	1 1/2"

Electrical Specifications

Pre-wash Pump Motor (HP)	2.0
Wash Pump Motor (HP)	3.0
Drive Motor (HP)	1/4
Wash Tank Heater (kW)	15.0
Rinse Tank Heater (kW)	24.0

Steam Specifications

Steam Connection (NPT)	3/4"
Steam Flow Pressure (PSI)	10-30
Consumption @ 15 PSI (lbs/hr)	60

Venting Requirements (CFM)

Input End	200
Output End	200
Total	400

Dimensions

Width	86" (2184 mm)
Width between Tables	66" (1676 mm)
Depth	30" (762 mm)
Depth with Door Open	50" (1270 mm)
Height	
Standard	68 1/2" (1740 mm)
High Hood	73 3/4" (1873 mm)
Inside Clearance Height	
Standard	19 3/4" (502 mm)
High Hood	25" (635 mm)
Wall Clearance	4" (102 mm)
Drain Height	6 7/8" (175 mm)
Weight	
Standard	1,030 lbs (467 kg)
High Hood	1,045 lbs (474 kg)

Shipping Details

Shipping Weight	
Standard	1,115 lbs (506 kg)
High Hood	1,130 lbs (513 kg)
Shipping Width	96" (2438 mm)
Shipping Depth	40" (1016 mm)
Shipping Height	75" (1905 mm)
Shipping Cube	166.67 cu ft
Shipping Class	150

Single Point Connection

Power Supply	Total Load	Minimum Circuit Ampacity	Maximum Overcurrent Protection
WITH 24kW/70 °F RISE ONBOARD BOOSTER			
208/60/3	124.8 A	127.1 A	135.0 A
230/60/3	105.8 A	108.0 A	115.0 A
460/60/3	53.1 A	54.2 A	55.0 A
WITH NO BOOSTER*			
208/60/3	58.1 A	60.4 A	65.0 A
230/30/3	50.5 A	52.6 A	60.0 A
460/60/3	25.4 A	26.5 A	30.0 A
STEAM TANK HEAT			
208/60/3	16.5 A	18.8 A	25.0 A
230/30/3	15.9 A	18.1 A	25.0 A
460/60/3	8.1 A	9.2 A	15.0 A

*RackStar 66 units with electric tank heat sold without booster heaters are not ENERGY STAR® certified.

Dual Point Connection

Power Supply	Total Load	Minimum Circuit Ampacity	Maximum Overcurrent Protection
WITH 24kW/70 °F RISE ONBOARD BOOSTER			
208/60/3 Unit	58.1 A	60.4 A	65.0 A
208/60/3 Booster	66.6 A	67.9 A	70.0 A
230/60/3 Unit	50.5 A	52.6 A	60.0 A
230/60/3 Booster	55.3 A	56.6 A	60.0 A
460/60/3 Unit	25.4 A	26.5 A	30.0 A
460/60/3 Booster	27.7 A	29.0 A	30.0 A

Advisory: Jackson WWS, Inc. DOES NOT endorse "Tankless On-Demand" water heaters for use with our dishmachines. Jackson WWS, Inc. DOES endorse, and highly recommends, standard "tank" style water heaters, sized to properly handle the water heating requirements of the facility.

CONTACT JACKSON

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JACKSON WAREWASHING SYSTEMS



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