

AJX-44

Rack Conveyor Dishwasher

Standard Features

- Automatic tank fill
- Electromechanical controls
- Adjust-A-Peak™ adjustable conveyor speed allows for extension of wash time and rinse contact for heavy soil conditions
- 25" (635 mm) vertical chamber clearance accommodates larger ware, such as sheet pans and mixing bowls
- Exclusive EnergyGuard™ controls
- Stainless steel scrap baskets
- Splash shields
- 18" (457 mm) wash section with 18" (457 mm) separation between wash and rinse sections
- Self-draining stainless steel wash pump
- Vent fan control shuts vent fan off when machine is idle
- Stainless steel front dress panel
- Adjustable bullet feet
- Externally operated drain lever
- 18kW wash tank heater
- Durable stainless steel construction

Options & Accessories

- | | |
|--------------------------------|--------------------------------------|
| ➤ 460V Electrical | ➤ Strikeplate Table Limit Switch |
| ➤ Booster Heater | ➤ Flanged Feet |
| 40 °F (22.2 °C) Rise - 17kW | ➤ Security Package |
| 70 °F (38.9 °C) Rise - 30kW | ➤ Scaltrol |
| ➤ Blower Dryer | ➤ Replacement Cartridge for Scaltrol |
| ➤ Side Loader | ➤ 36-Compartment Rack |
| 23" (584 mm) Unhooded | 4-1/8" tall (105 mm) |
| 23" (584 mm) Hooded | 5-5/8" tall (143 mm) |
| 30" (762 mm) Unhooded | 7" tall (178 mm) |
| 30" (762 mm) Hooded | ➤ Combination Rack |
| ➤ Drain Water Tempering Kit* | ➤ Peg Rack |
| ➤ Water Hammer Arrestor | ➤ Sheet Pan Rack |
| ➤ Pressure Regulator | |
| ➤ Vent Cowl Collars (set of 2) | |



Specification Statement

Specified unit will be a Jackson AJX-44 rack conveyor dishwasher, rated by NSF to NSF/ANSI Standard 3. High temperature model to be rated for 225 racks per hour, and will consume 0.68 gallons of water per rack. Chemical sanitizing model to be rated for 209 racks per hour, and will consume 0.78 gallons of water per rack. Features include EnergyGuard™ controls, 25" vertical chamber clearance, automatic tank fill, self-draining 2.0 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 _____
- Sanitizing Method
 - ☐ High Temperature
 - ☐ Chemical Sanitizing
- Direction of Operation
 - ☐ Left to Right
 - ☐ Right to Left

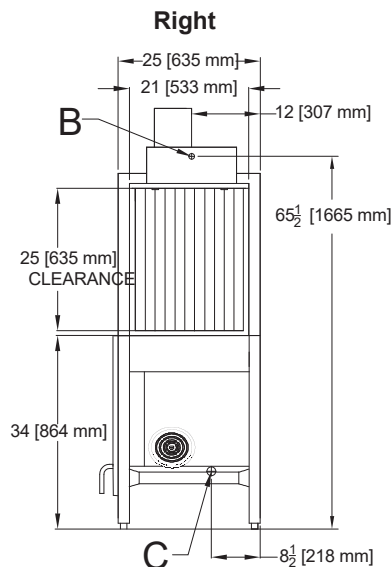
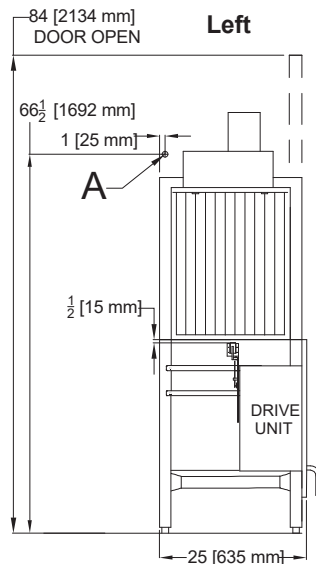
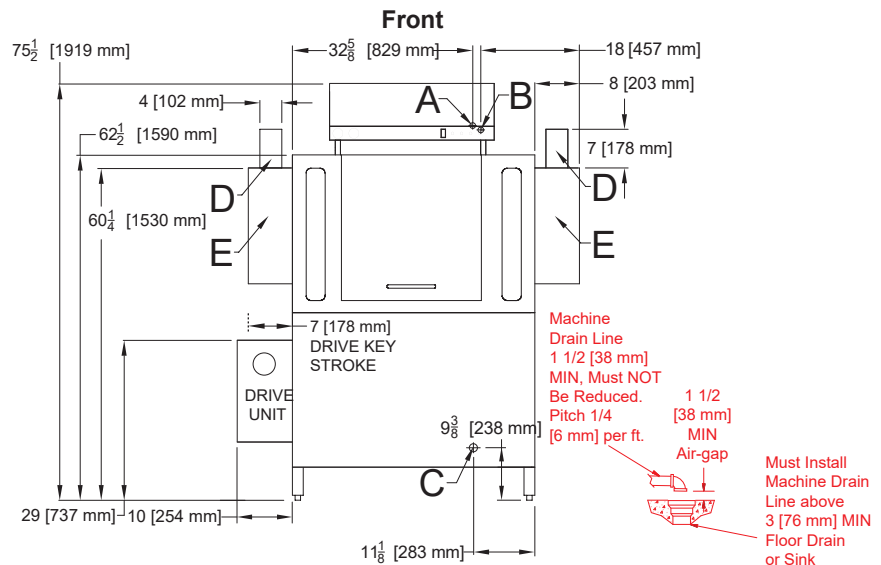
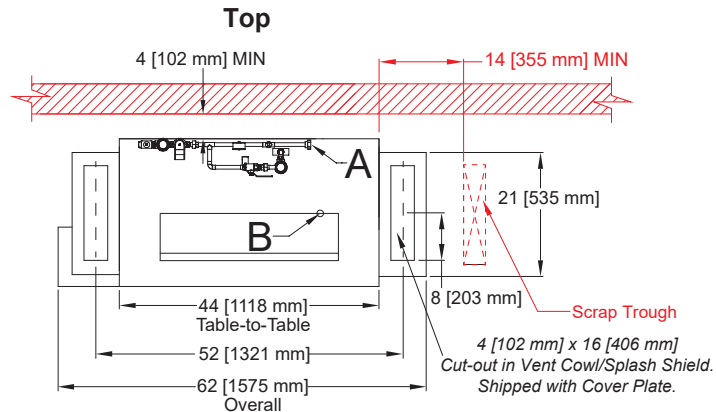
Right to Left

LEGEND

- A - Main Water Inlet
(3/4" NPT, 180 °F MIN)
- B - Electrical Connection
- C - Drain Connection (1 1/2" NPT)
- D - Vent Collar - Optional
- E - Vent Cowl - Standard

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

Items in red are not supplied with the machine.



Left to Right

LEGEND

- A - Main Water Inlet
(3/4" NPT, 180 °F MIN)
- B - Electrical Connection
- C - Drain Connection (1 1/2" NPT)
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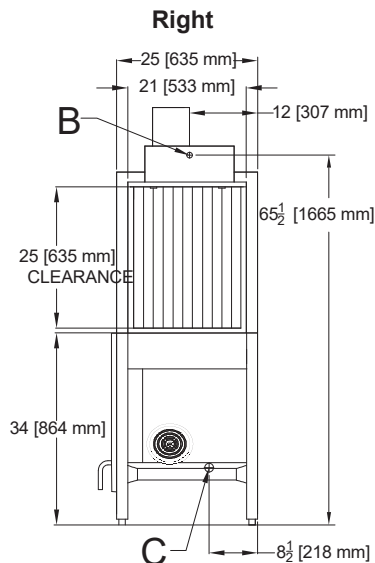
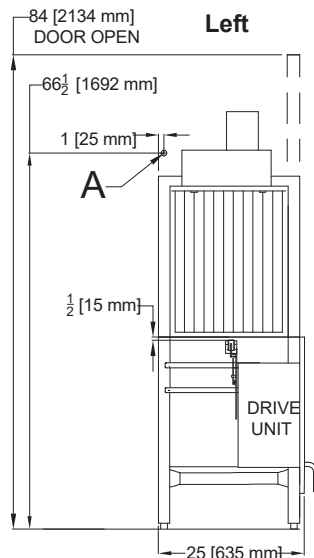
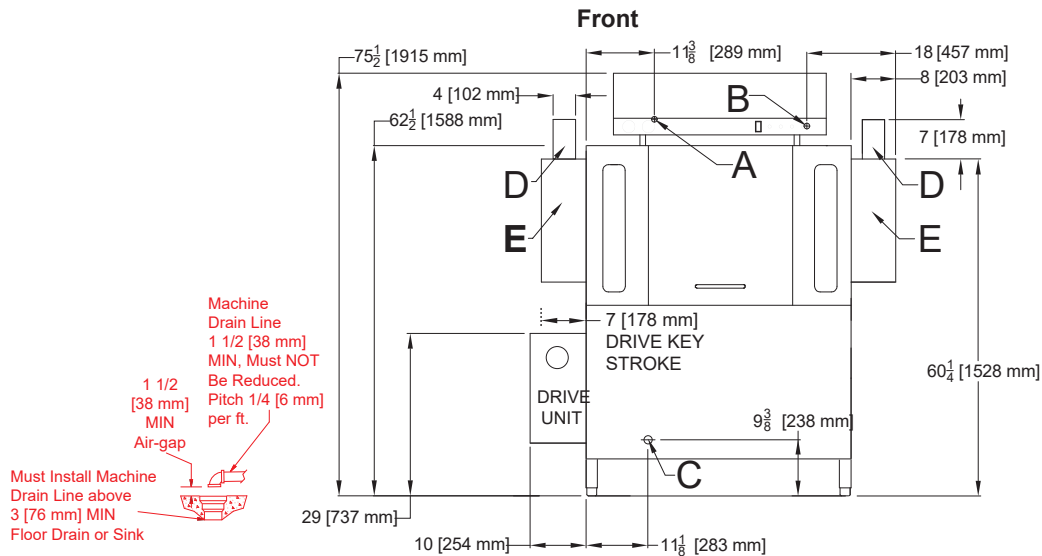
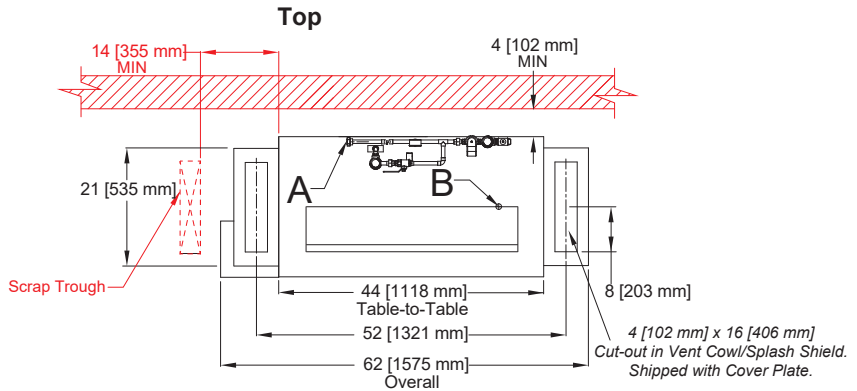
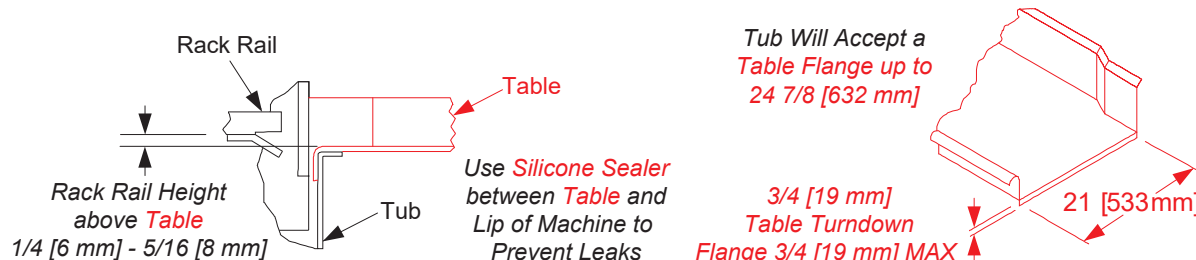


Table Fabrication



Operating Capacity

Racks per Hour	
High Temperature	225
Chemical Sanitizing	209
Dishes per Hour	
High Temperature	5,625
Chemical Sanitizing	5,225
Glasses per Hour	
High Temperature	8,100
Chemical Sanitizing	7,524

Operating Speed

Conveyor Speed (feet per minute at highest speed)	
High Temperature	6.20 FPM (1.9 MPM)
Chemical Sanitizing	5.75 FPM (1.75 MPM)

Operating Temperature

Wash Temperature (minimum)	
High Temperature	160 °F (71 °C)
Chemical Sanitizing	140 °F (60 °C)
Rinse Temperature (minimum)	
High Temperature	180 °F (82 °C)
Chemical Sanitizing	140 °F (60 °C)

Water Consumption

Gallons per Rack	
High Temperature	0.68 (2.6 L)
Chemical Sanitizing	0.78 (3.0 L)
Gallons per Hour	
High Temperature	153.00 (579.2 L)
Chemical Sanitizing	163.02 (617.1 L)
Flow Rate (GPM)	
High Temperature	2.57 (9.8 LPM)
Chemical Sanitizing	2.74 (10.4 LPM)
Wash Tank Capacity (gallons)	21.00 (79.5 L)
Wash Pump Capacity	270 GPM (1,022 LPM)

Water Requirements

Incoming Water Temperature	
High Temperature	180 °F (82 °C)
Chemical Sanitizing	140 °F (60 °C)
Flow Pressure (PSI)	15
Incoming Water Connection (NPT)	3/4"
Drain Connection (NPT)	1 1/2"

Electrical Specifications

Wash Pump Motor (HP)	2.0
Drive Motor (HP)	1/4
Wash Tank Heater (kW)	18.0

Venting Requirements (CFM)

Input End	200
Output End	400
Total	600

Dimensions

Width	62" (1575 mm)
Width between Tables	44" (1118 mm)
Depth	25" (635 mm)
Height	75 1/2" (1918 mm)
Height with Door Open	84" (2134 mm)
Inside Clearance Height	25" (635 mm)
Wall Clearance	4" (102 mm)
Drain Height	9 3/8" (238 mm)
Weight	501 lbs (227 kg)

Shipping Details

Shipping Weight	651 lbs (295 kg)
Shipping Width	76" (1930 mm)
Shipping Depth	40" (1016 mm)
Shipping Height	82" (2083 mm)
Shipping Cube	144.26 cu ft
Shipping Class	200

Electrical Schedule

Power Supply	Total Load	Minimum Circuit Ampacity	Maximum Overcurrent Protection
AJX-44CE			
208/60/3	57.5 A	59.0 A	65.0 A
230/60/3	48.7 A	50.2 A	55.0 A
460/60/3	24.4 A	25.2 A	30.0 A
AJX-44CEL			
208/60/3	57.0 A	58.4 A	60.0 A
230/30/3	48.3 A	49.7 A	55.0 A
460/60/3	24.1 A	24.9 A	30.0 A

Booster Heater Options

Power Supply	kW	Amps
40 °F (22.2 °C) Minimum Rise Booster		
208/60/3	17.2 kW	47.8 A
230/60/3	18 kW	45.2 A
460/60/3	18 kW	22.6 A
70 °F (38.9 °C) Minimum Rise Booster		
208/60/3	30 kW	83.4 A
230/60/3	18 kW	75.4 A
460/60/3	18 kW	37.7 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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