

Project \_\_\_\_\_  
 Item \_\_\_\_\_  
 Quantity \_\_\_\_\_  
 CSI Section 11400  
 Approval \_\_\_\_\_  
 Date \_\_\_\_\_

## AJX-44

### Models

AJX-44



### Standard Features

- 25" clearance accommodates larger wares, such as sheet pans, mixing bowls, etc.
- Exclusive EnergyGuard™ controls
- Fully automatic, including auto-fill
- Electromechanical controls
- Adjust-A-Peak™ adjustable conveyor speed allows machine to extend wash time and rinse contact for heavy soil conditions
- Self-draining stainless steel wash pump
- Stainless steel scrap baskets
- Splash shields
- Front dress panel
- Externally operated drain lever
- Adjustable bullet feet
- Stainless steel frame and legs
- Exhaust vent fan control
- 18kW wash tank heater

### Mandatory Specs

Specify:

Specify Voltage \_\_\_\_\_

Specify Sanitizing Method:

- High Temperature  
 Chemical Sanitizing

Specify Direction of Operation:

- Left to Right  
 Right to Left

### Options & Accessories

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

### Specifications

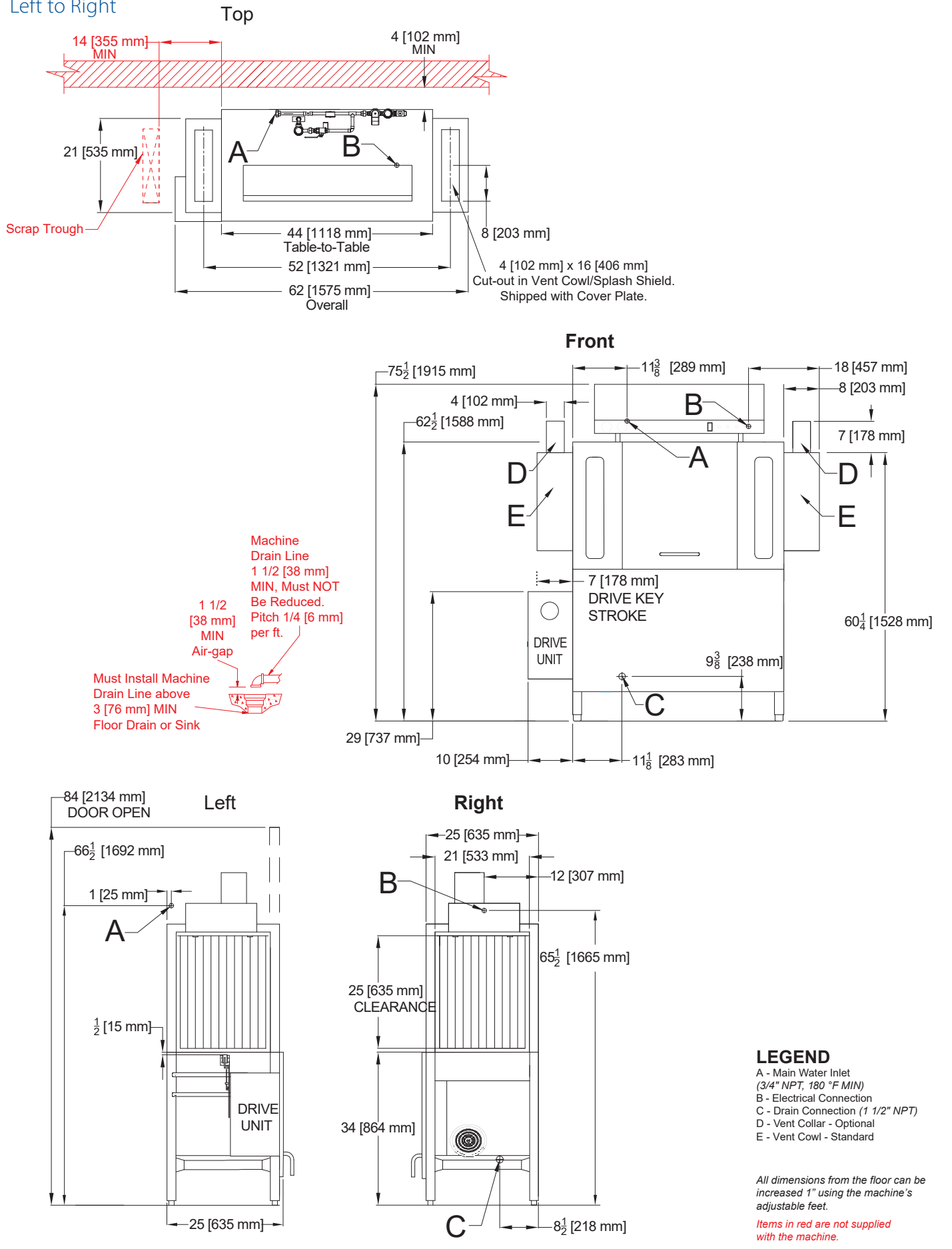
- High-temperature model uses 0.68 gallons (2.57 liters) per rack. Chemical-sanitizing model uses 0.78 gallons (2.95 liters) per rack
- High-temperature model cleans 225 racks per hour. Chemical-sanitizing model cleans 209 racks per hour
- 8" (203 mm) splash shields on both wash and rinse ends
- 25" (635 mm) chamber height clearance accommodates larger wares
- 18" (457 mm) wash section with an 18" (457 mm) separation between wash and rinse
- Durable stainless steel construction
- 1-year parts and labor warranty



Intertek

# AJX-44

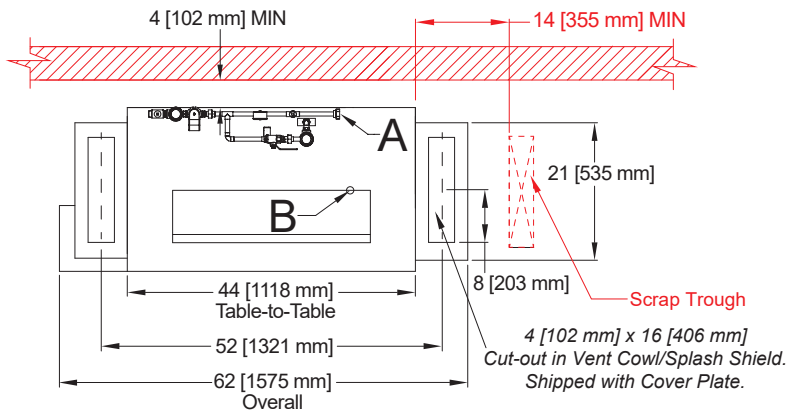
Left to Right



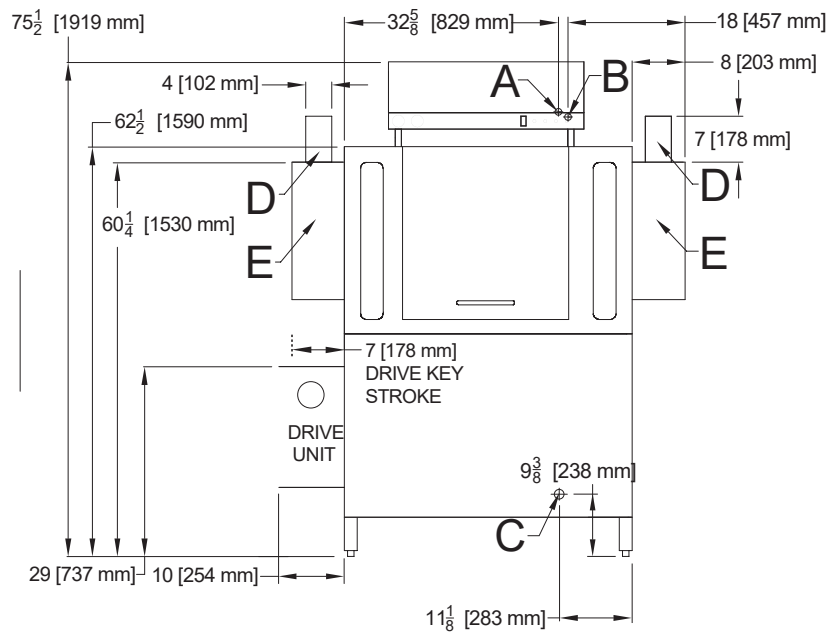
**LEGEND**  
 A - Main Water Inlet (3/4" NPT, 180 °F MIN)  
 B - Electrical Connection  
 C - Drain Connection (1 1/2" NPT)  
 D - Vent Collar - Optional  
 E - Vent Cowl - Standard

All dimensions from the floor can be increased 1" using the machine's adjustable feet.  
 Items in red are not supplied with the machine.

## Top



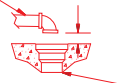
## Front



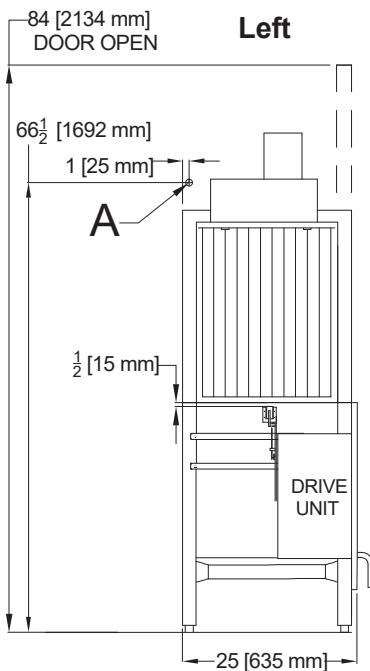
Machine Drain Line 1 1/2 [38 mm] MIN, Must NOT Be Reduced. Pitch 1/4 [6 mm] per ft.

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

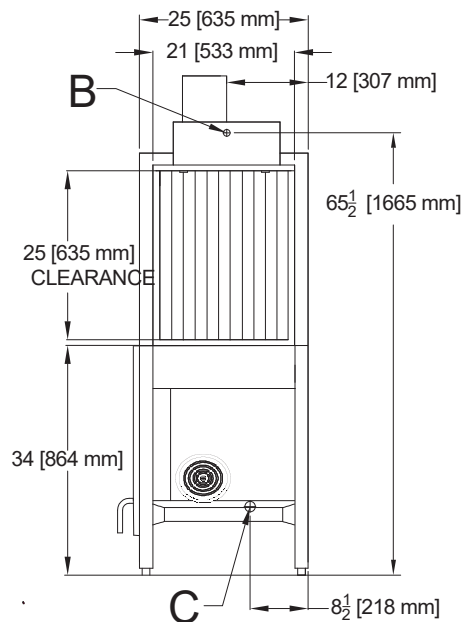
Must Install Machine Drain Line above 3 [76 mm] MIN Floor Drain or Sink



## Left



## Right



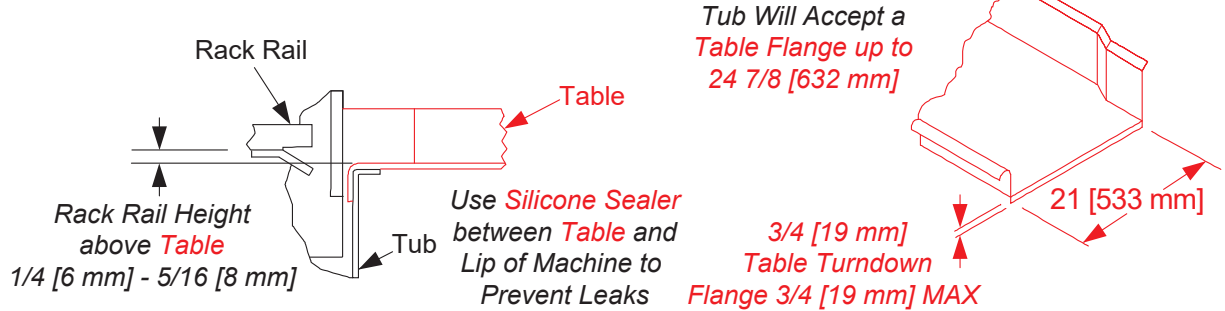
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## Recommended Table Fabrication



MODEL NO.	MACHINE DIMENSIONS					DRAIN HEIGHT	SHIPPING INFORMATION				
	HEIGHT	HEIGHT WITH DOOR OPEN	LENGTH BETWEEN DISHTABLES	DEPTH	WEIGHT		CLASS	CUBE	HEIGHT	WIDTH	DEPTH
AJX-44	75-1/2" (1919 mm)	84" (2134 mm)	44" (1118 mm)	25" (635 mm)	7-1/2" (191 mm)	651 lbs (296 kg)	200	144.26 cu. ft.	82" (2083 mm)	76" (1931 mm)	40" (1016 mm)

DIMENSION REQUIREMENTS	
Wall Clearance (minimum)	4-1/2" (114 mm)
Standard Table Height	34" (864 mm)
Inside Clearance	25" (635 mm)

ELECTRICAL REQUIREMENTS				
Model	Power Supply	Total Load	Minimum Circuit Ampacity	Maximum Overcurrent Protection
AJX-44CE/CEL	208/60/3	57.0 A	58.4 A	60 A
	230/60/3	48.3 A	49.7 A	55 A
	460/60/3	24.1 A	24.9 A	30 A
	600/60/3	19.8 A	20.4 A	25 A
	208/60/1	97.0 A	99.2 A	105 A
	230/60/1	83.3 A	85.7 A	95 A

OPERATING CAPACITY		
	High-Temperature	Chemical Sanitizing
Racks per Hour	225	209

BOOSTER HEATER OPTIONS				
	40 °F (22.2 °C) Minimum Rise		70 °F (38.9 °C) Minimum Rise	
	kW	AMPS	kW	AMPS
208V/60HZ/3PH	17.2	47.8	30	83.4
230V/60HZ/3PH	18	45.2	30	75.4
460V/60HZ/3PH	18	22.6	30	37.7

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

WASH PUMP	
Wash Pump Motor	2 hp
Wash Pump Capacity	270 GPM (1022 LPM)

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 - High-Temperature	153 gal (579 L)
Gallons per Hour - Chemical Sanitizing	163 gal (617 L)
Gallons per Rack - High-Temperature	0.68 gal (2.6 L)
Gallons per Rack - Chemical Sanitizing	0.78 gal (3.0 L)
Waterline Size IPS (minimum)	1/2"
Drainline Size IPS (minimum)	1-1/2"
Flow Pressure (PSI)	15
Flow Rate (minimum) - High -Temperature	2.6 GPM (9.8 LPM)
Flow Rate (minimum) - Chemical Sanitizing	2.7 GPM (10.2 LPM)
Wash Tank Capacity	21 gal (79.5 L)

CONVEYOR	
Conveyor Motor	1/4 hp
Conveyor Speed (feet per minute highest speed)	
High-Temperature	6.2 FPM (1.9 MPM)
Chemical Sanitizing	5.75 FPM (1.75 MPM)

VENTING REQUIREMENTS		
Input End	Output End	Total CFM
200 CFM	400 CFM	600 CFM

HOW TO SPECIFY: AJX-44

**Jackson WWS, Inc.**  
 Shipping Address: 6209 North U.S. Highway 25E, Gray, KY 40734  
 Mailing Address: P.O. Box 1060, Barbourville, KY 40906  
 Telephone: 888-800-5672 • Fax: 606-523-1799  
 Email: info@jacksonwws.com  
 07610-003-60-58 [01/21/21]

[www.jacksonwws.com](http://www.jacksonwws.com)