

AJX-44

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

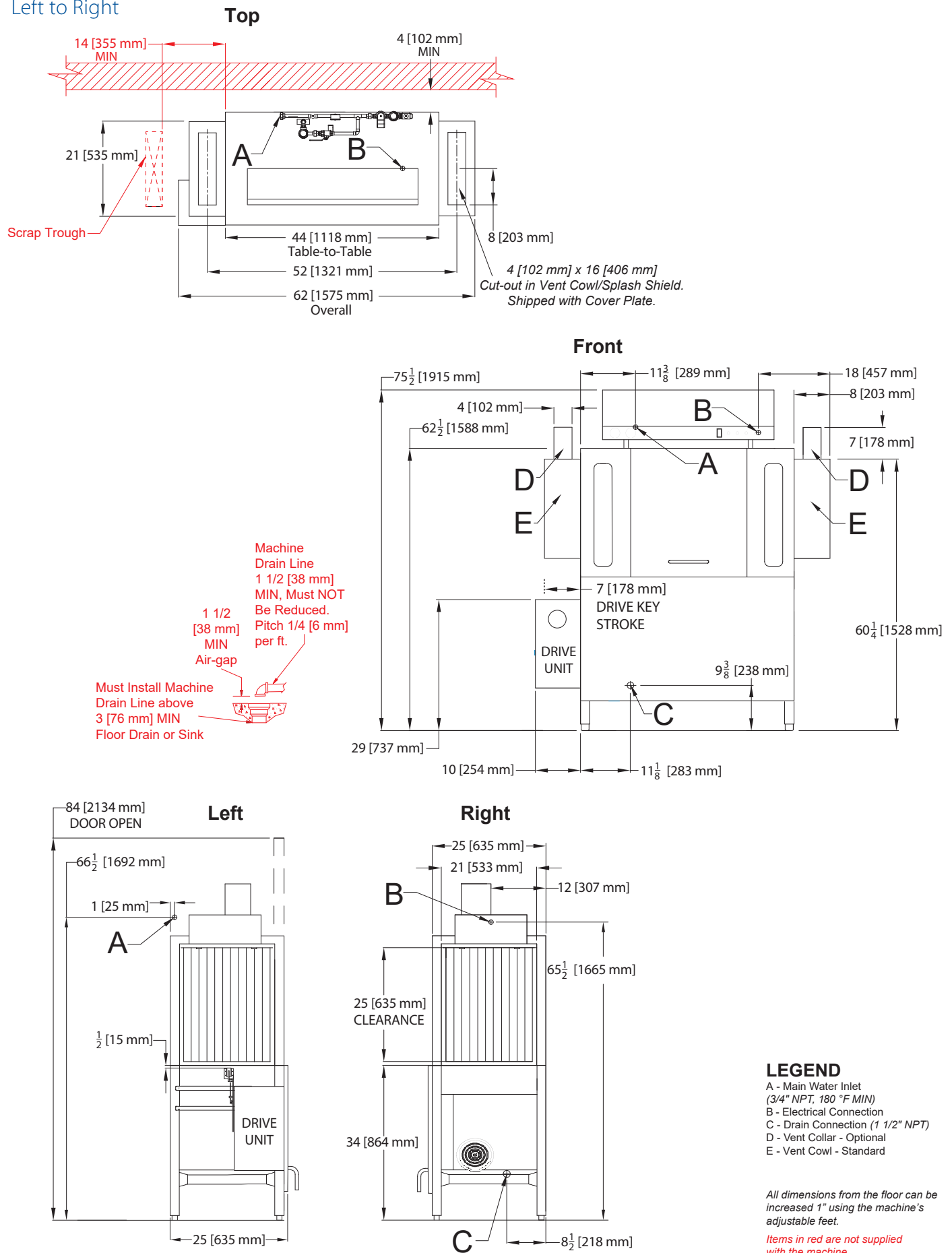
Durable stainless steel construction



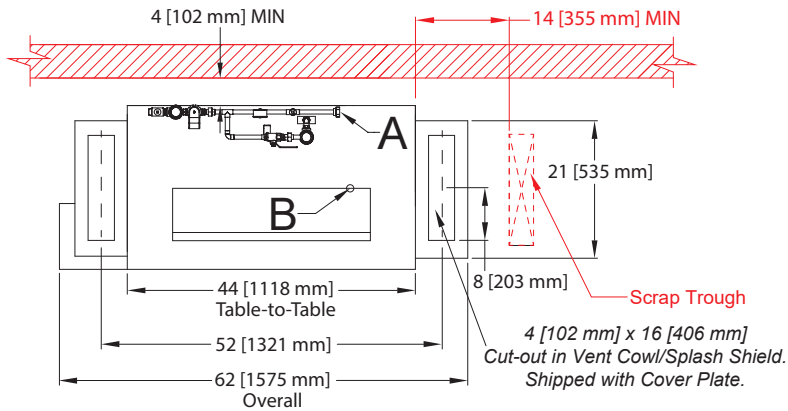
Intertek

AJX-44

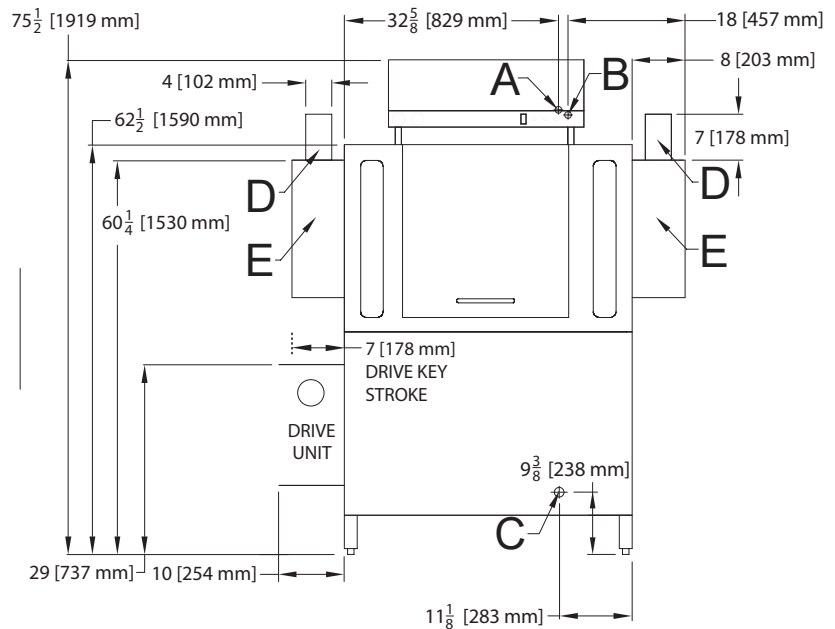
Left to Right



Top



Front

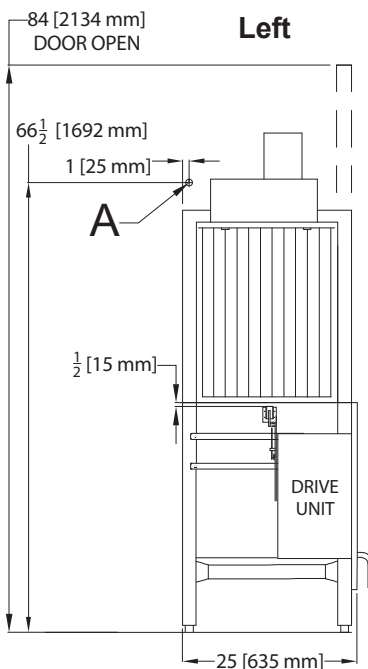


Machine
Drain Line
1 1/2 [38 mm]
MIN, Must NOT
Be Reduced.
Pitch 1/4
[6 mm] per ft.

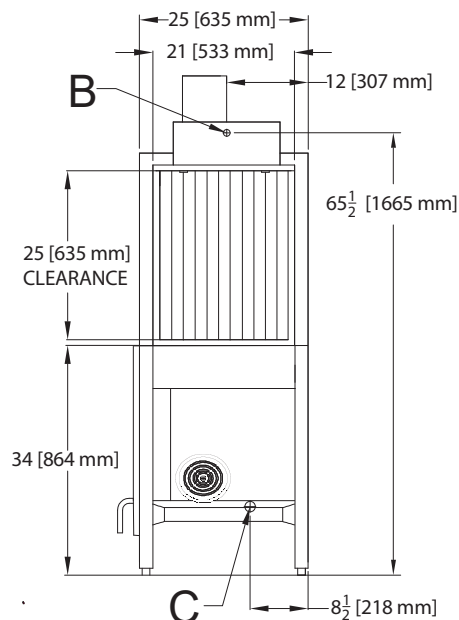
1 1/2 [38 mm]
MIN
Air-gap

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

Left



Right



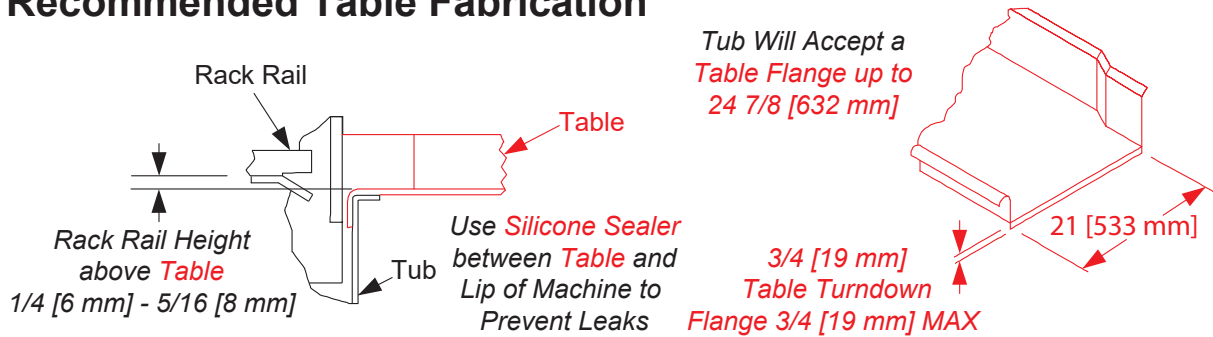
LEGEND

- 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.

Recommended Table Fabrication



MODEL NO.	MACHINE DIMENSIONS					SHIPPING INFORMATION					
	HEIGHT	HEIGHT WITH DOOR OPEN	LENGTH BETWEEN DISHTABLES	DEPTH	DRAIN HEIGHT	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)

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

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)

ELECTRICAL REQUIREMENTS	
Approximate Total Load AMPS	
208V/60HZ/3PH	56.7
208V/60HZ/1PH	96.8
230V/60HZ/3PH	51.9
230V/60HZ/1PH	88.6
460V/60HZ/3PH	26.0

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

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	.68 gal (2.6 L)
Gallons per Rack - Chemical Sanitizing	.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)

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

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

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