Jackson®
Warewashing Systems

RackStar® 44

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

Models

RackStar 44



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 dishroom
- Self-cleaning wash arms
- 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 *(3 phase only)*
☐ 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 Quench System
☐ Scaltrol
☐ Water Hammer Arrestor

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

Durable stainless steel construction

NSF
ETL LISTED c US Intertek
ENERGY STAR

RackStar® 44

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)

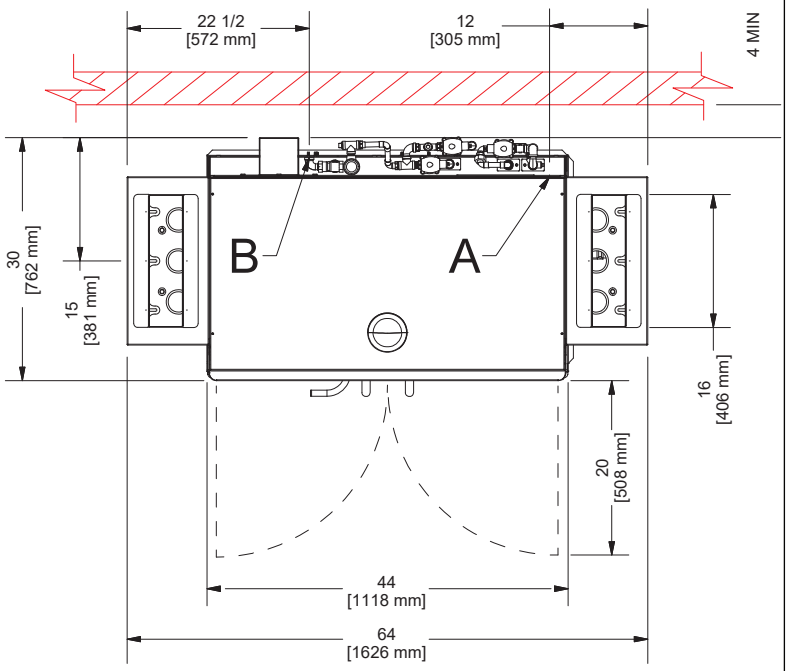
— — — - Open Door

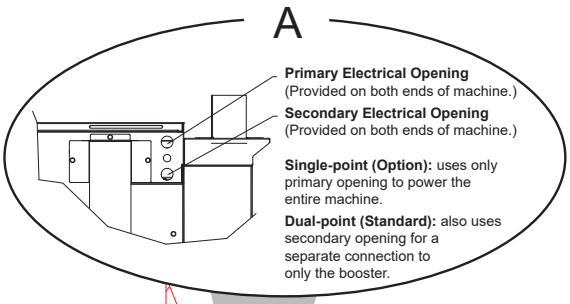
- - - - - - - - - - High Hood Option

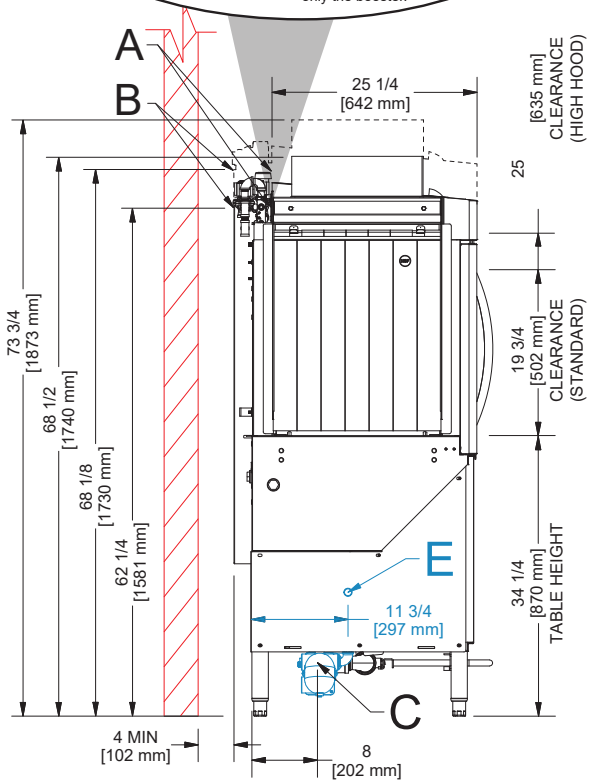
All dimensions from the floor can be increased 1 3/4" using the machine's adjustable feet.

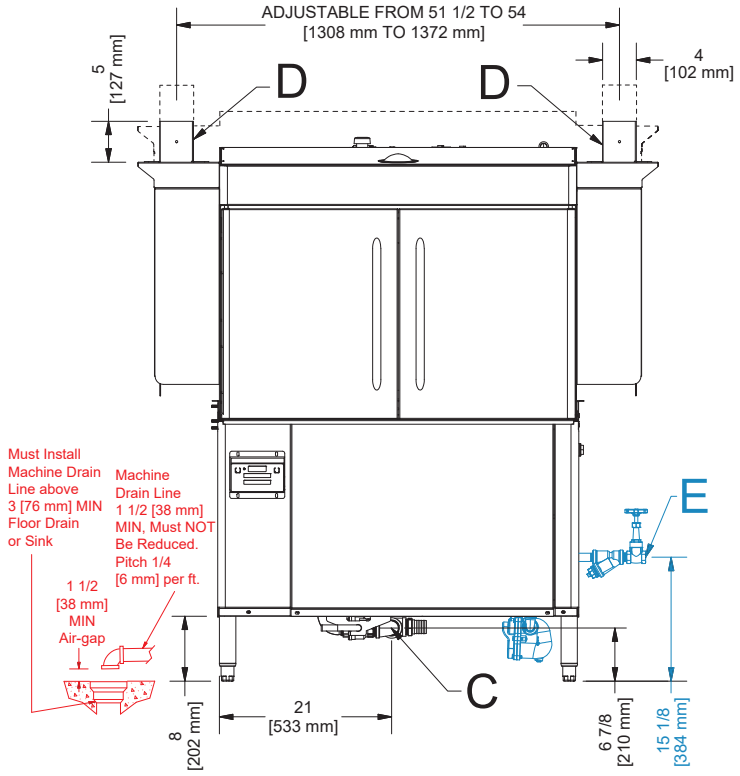
Items in red are not supplied with the machine.

Items in blue are for the Steam option.









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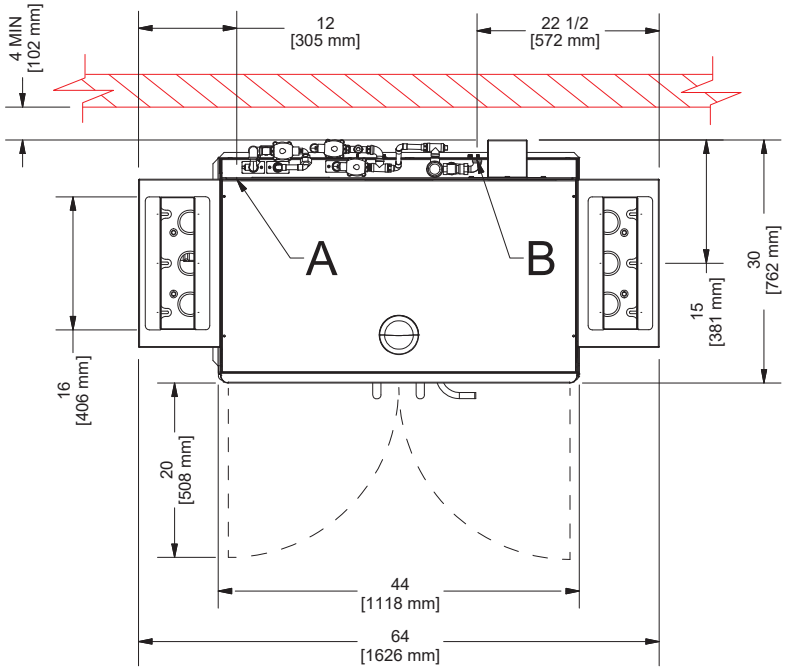
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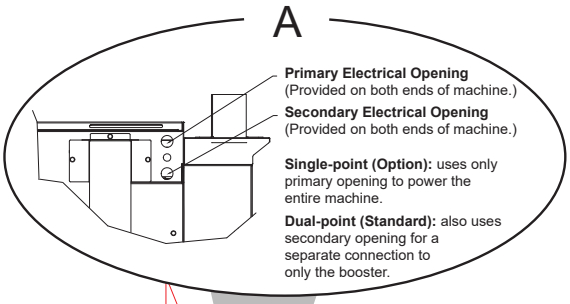
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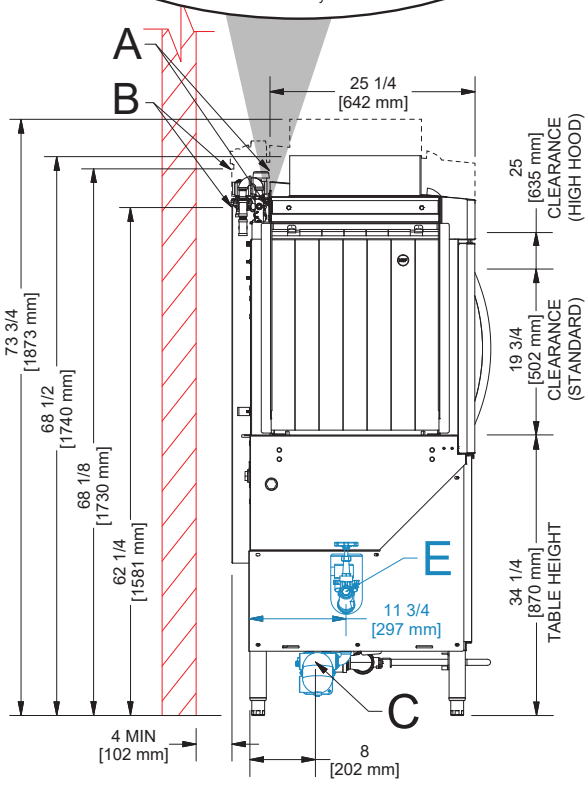
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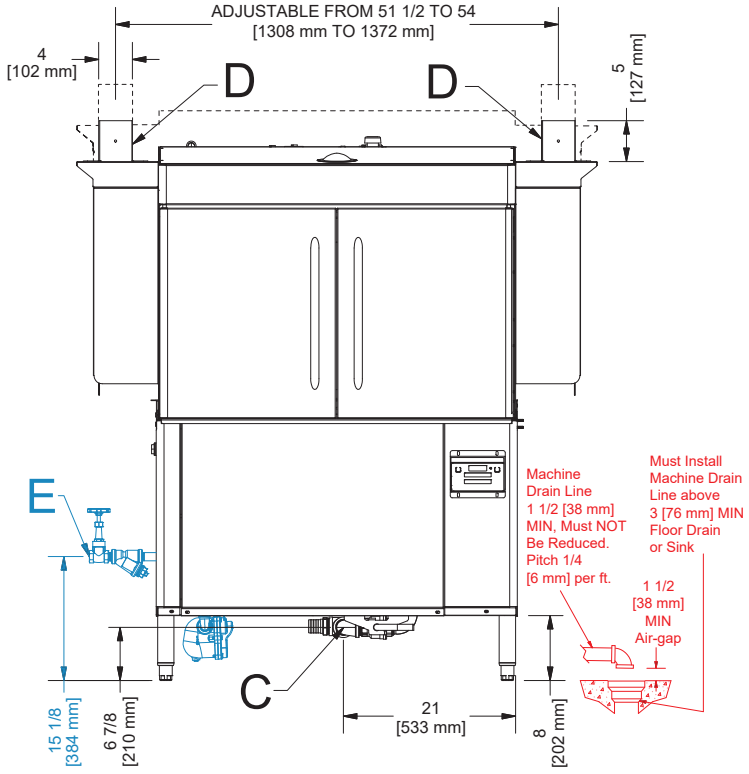
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RackStar® 44

RECOMMENDED TABLE FABRICATION

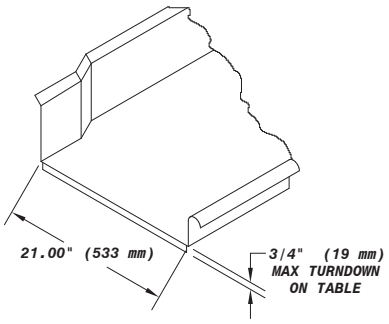
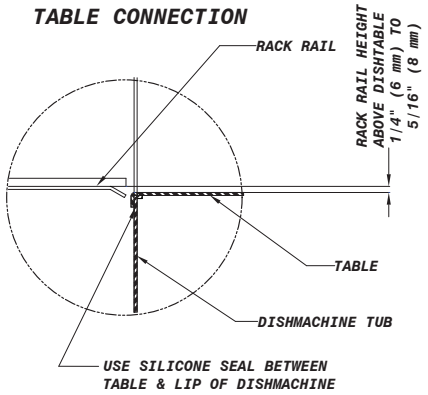


TABLE CONNECTION



MODEL NO.	MACHINE DIMENSIONS				DRAIN HEIGHT	SHIPPING INFORMATION					
	HEIGHT	LENGTH BETWEEN DISHTABLES	DEPTH	DEPTH WITH DOORS OPEN		WEIGHT	CLASS	CUBE	HEIGHT	WIDTH	DEPTH
RackStar 44	64-1/2" (1632 mm)	44" (1118 mm)	30" (762 mm)	50" (1270 mm)	6-7/8" (210 mm)	802 lbs (364 kg)	150	131.94 cu. ft.	75" (1905 mm)	76" (1931 mm)	40" (1016 mm)
RackStar 44 Tall Chamber	73-3/4" (1874 mm)	44" (1118 mm)	30" (762 mm)	50" (1270 mm)	6-7/8" (210 mm)	812 lbs (369 kg)	150	131.94 cu. ft.	75" (1905 mm)	76" (1931 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
Wash (minimum)	160° F (71° C)	120° F (49° C)
Rinse (minimum)	180° F (82° C)	120° F (49° C)

ELECTRICAL REQUIREMENTS*

	Power Supply	Total Load	Minimum Circuit Ampacity	Maximum Overcurrent Protection
70 °F Rise	208/60/1	173.5	176.9	190
	230/60/1	145.2	148.2	160
	208/60/3	99.9	102.2	110
	230/60/3	85.8	88.0	95
	460/60/3	43.1	44.2	45
40 °F Rise	208/60/1	144.7	148.1	160
	230/60/1	121.2	124.2	135
	208/60/3	85.3	87.6	95
	230/60/3	72.0	74.2	80
	460/60/3	36.1	37.2	40
No Booster	208/60/1	87.0	90.4	100
	230/60/1	73.3	76.3	85
	208/60/3	52.0	54.3	60
	230/60/3	44.3	46.5	55
	460/60/3	22.3	23.4	25
Steam	208/60/1	14.9	18.3	30
	230/60/1	13.4	16.4	25
	208/60/3	10.3	12.6	20
	230/60/3	9.7	11.9	20
	460/60/3	5.0	6.1	15

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 PUMP

Wash Pump Motor	3 hp
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 44

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www.jacksonwws.com

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