

# Champion®

The Dishwashing Machine Specialists

Project \_\_\_\_\_  
 Item No. \_\_\_\_\_  
 Quantity \_\_\_\_\_

MODEL SD-20 WASHER

## STANDARD FEATURES

- Heavy-duty stainless steel construction
- Front-loading, split door design
- External rinse hose and spray gun
- Self-contained water heater
- Moisture resistant control gauges
- Recirculating wash water
- Adjustable wash and rinse cycles
- Easy to remove filter screens
- Digital control and information system
- Fresh water sanitizing rinse
- Versatile racking system
- User friendly, push-button operation
- One year parts and labor warranty

## MODEL SD-20

Pot, Pan and  
Utensil Washer



*Photo is for general visual representation only.  
Please refer to specifications for the latest  
detailed product information.*

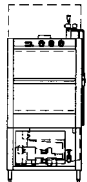


## OPTIONS

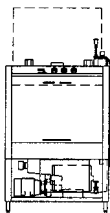
Tank Heat

- Steam  
 Gas

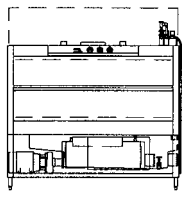
Additional Lift Door and Split Door Models:



SD-10



LD-20



SD-36

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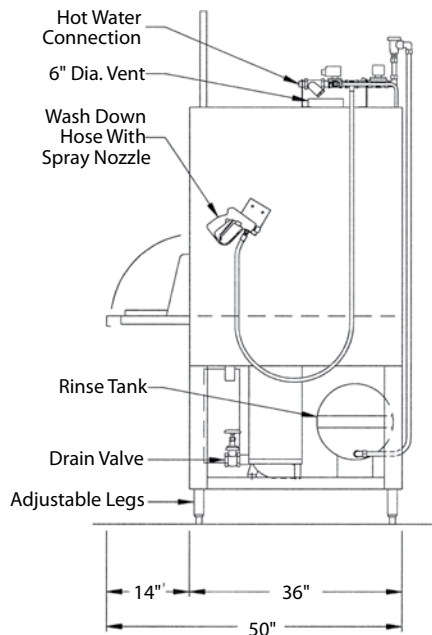
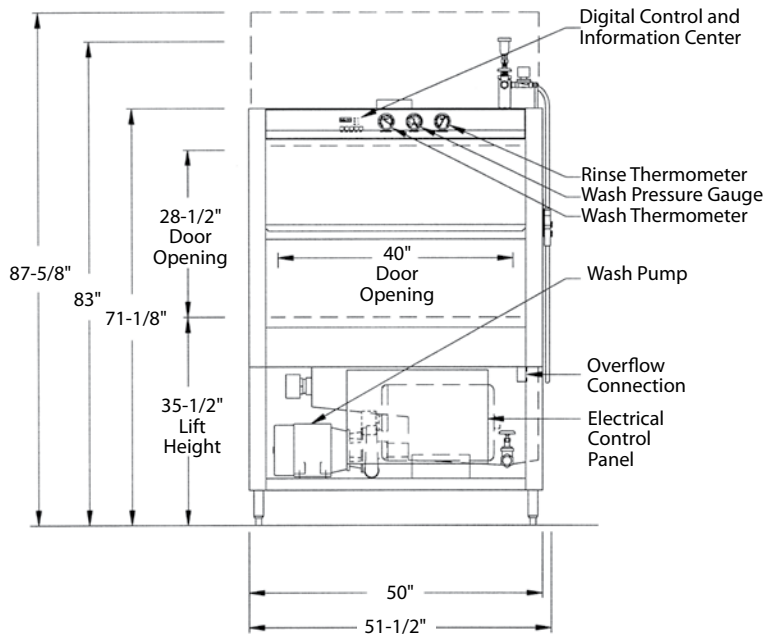
# MODEL SD-20

Pot, Pan and Utensil Washer

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Dimensions shown in inches



## SPECIFICATIONS

### Door

Stainless steel split door design. The top half rises while the lower half folds down to provide a space saving drain table.

### Spray Arm Assembly

Stainless steel spray arm assemblies, with stainless steel jets and quick-release mechanism for easy cleaning and reassembly.

### Filter

Perforated, removable, stainless steel baskets.

### Water Pump

7-1/2 Hp, 208/240 or 440/480 volt, 1 phase or 3 phase, 60 cycle with output of 120 gallons per minute at 35 to 45 P.S.I.

### Digital Control & Information Center

110 volt control circuit with push pad operation of "power on," "stop" and "short, medium or long wash cycles." A digital display indicates "time remaining" for each cycle. LED's indicate wash, rinse and unload functions. A buzzer is also included to provide an audible indication of time to unload. Pre-programmed circuit board allows the push pad to be used as a "diagnostic center" by displaying "error codes" for ease of troubleshooting.

### Gauges

Special moisture resistant design, measures wash temperature, wash pressure and rinse temperature.

### Wash Tank

Stainless steel with electric infrared, gas, steam or steam coil natural immersion heaters, thermostatically controlled, low-water protected, sloped to drain with a 36-gallon capacity (27 gallons if infrared gas heated)

### Rinse Tank

Stainless steel with electric immersion heater (infrared gas or steam coil option). Uses 5.6 gallons per 30-second cycle.

### Racks

Stainless steel rod, built to match specific washing requirements.

Due to an ongoing value analysis program at Champion, specifications contained in this catalog are subject to change without notice.

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<b>Washer</b>	Automatic washing machine designed to wash all pots, pans and utensils commonly used in baking and cooking operations.
<b>Cabinet</b>	50" wide x 36" deep x 71-1/8" high. Overall height with door open: 86-1/8". Door opening: 40" wide x 28-1/2" high. Constructed of 16 gauge, stainless steel. All seams continuously welded, cleaned and polished.
<b>Door</b>	Front-loading, split door design for easy loading and unloading. The top half of the door system rises while the lower half folds down to create a space saving drain table. Door is interlocked with limit switch to prevent machine operation while door is open. Door construction: 14 and 18 gauge, stainless steel.
<b>Recirculating Wash Tank</b>	Heated by 12kW electric immersion heaters, thermostatically controlled and low water protection system. 36 gallons (27 gallons if infrared heated), 14 gauge stainless steel, sloped to drain. Infrared gas and steam heating options available.
<b>Wash Tank Filter</b>	Perforated, stainless steel basket type, double filter system for increased effectiveness and easy cleaning without emptying wash tank.
<b>Wash Tank Fill Valve</b>	Size 1-1/4" NPT, automatic.
<b>Wash Tank Drain Valve</b>	Size 1-1/4" NPT, gate drain.
<b>Wash Pump</b>	7-1/2 hp, 208/240, 480 or optional 575 volt, 3 phase, 60 cycle. Close coupled; 120 gallons per minute at 35 to 45 psi.
<b>Spray Arm Assemblies</b>	Water driven, stainless steel spray arm assemblies, with stainless steel jets and quick-release mechanism for easy cleaning and reassembly.
<b>Sanitizing Rinse Tank</b>	Stainless steel, 10 gallon capacity, with 12kW immersion electric heater. Uses 5.6 gallons per 30 second cycle. Infrared gas and steam coil heating options available.
<b>Final Rinse Piping</b>	Stainless steel tubing with brass compression fittings and cone rinse jets.
<b>Control &amp; Information Center</b>	120 volt control circuit with push pad operation of "Power On," "Stop" and "Short, Medium or Long Wash Cycles." A digital display indicates "Time Remaining" for each cycle. LED's indicated wash, rinse and unload functions. A buzzer is also included to provide an audible indication when the machine is ready to unload. A pre-programmed circuit board allows the push pad to be used as a "Diagnostic Center" by displaying "Error Codes" for ease of troubleshooting. Moisture resistant gauges measure Wash Temperature, Wash Pressure and Rinse Temperature.
<b>External Rinse Hose</b>	Externally mounted rinse hose with spray gun for easy cleaning and maintenance of machine.
<b>Steam Exhaust Vent</b>	Steam exhaust vent 6-3/4" I.D., consisting of 16 gauge rolled collar for PVC pipe connection bolted to the top of the machine. Machine pre-wired with control timer for the addition of a fan.
<b>Optional Exhaust Fan</b>	Draft inducer fan side mounted on exhaust duct to extract excess steam after final rinse cycle. 300 CFM @ .05" static pressure. 1/10 Hp, 110 volt motor, 1550 RPM.



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# SPECIFICATIONS MODEL SD-20 POT, PAN & UTENSIL WASHER

### Racks

Standard bakery racks include (1) utensil rack with (2) hold-down lids and (2) stainless steel sheet pan inserts designed to hold (20) pans.

### Connections

Water Inlet: 120°F, 3/4" NPT  
Water Drain and Overflow: 1-1/4" NPT  
Electrical: Single point connection  
Steam Heating Option: 1/2" NPT

### Weight

Crated: 1,100 lbs. Uncrated: 850 lbs.  
NOTE: All weights are approximate. Weights will vary depending on the number of options included with the machine.

### Electrical Connections

Elec. Spec.	Running Amps		
	Electric Wash Electric Booster	Steam Wash <sup>1</sup> Steam Booster	Infrared Gas Wash <sup>2</sup> Infrared Gas Booster
<b>208 Volt 3 phase</b>	88	21	21
<b>240 Volt 3 phase</b>	81	19	19
<b>480 Volt 3 phase</b>	42	11	11

<sup>1</sup> Steam Supply: Consumption: 95 lbs./hr. @ 15 psi minimum  
<sup>2</sup> Gas Supply: Consumption: 90,000 BTU/hr. @ 1/2 lb. pressure maximum

### Certifications

UL and UL Sanitation Listed (all). CUL Listed (electric and steam only).