

Champion®

The Dishwashing Machine Specialists

Project _____

Item No. _____

Quantity _____

MODEL LD-20 WASHER

STANDARD FEATURES

- Heavy-duty stainless steel construction
- Front-loading, lift action design
- External rinse hose and spray gun
- Self-contained water heating
- Moisture resistant control gauges
- Recirculating wash water
- Adjustable wash and rinse cycles
- Removable dual filtration system
- Digital Control & Information Center
- Versatile racking system
- Electric, steam or infrared gas water heating
- Precision engineered spray patterns
- One year parts and labor warranty

MODEL LD-20

Pot, Pan and Utensil Washer

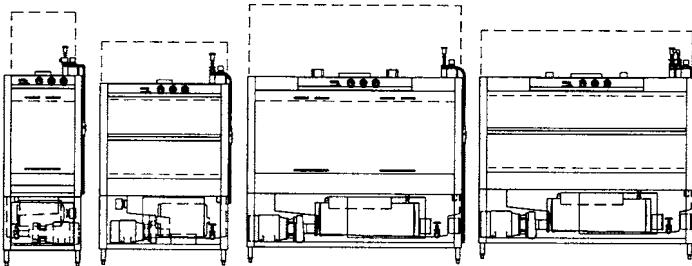


OPTIONS

Tank Heat

- Steam
 Gas

Additional Lift Door and Split Door Models:



LD-10

SD-20

LD-36

SD-36



SPECIFIER STATEMENT

Specified unit will be Champion Industries model LD-20 pot, pan and utensil washer.

Features include lift door design, 7.5 Hp pump motor, 20 pan capacity, push button control and information center, recirculating wash water and 27 second wash/rinse cycle.

1 year parts and labor warranty.

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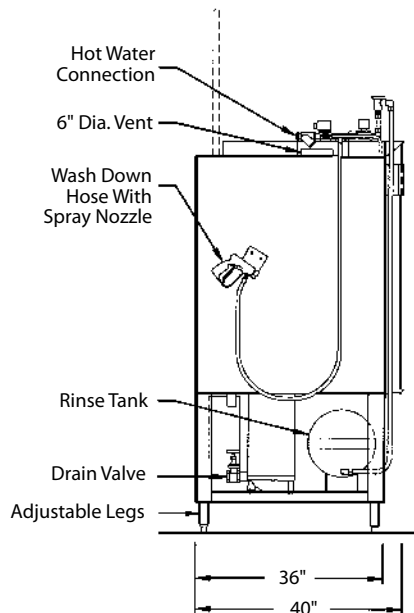
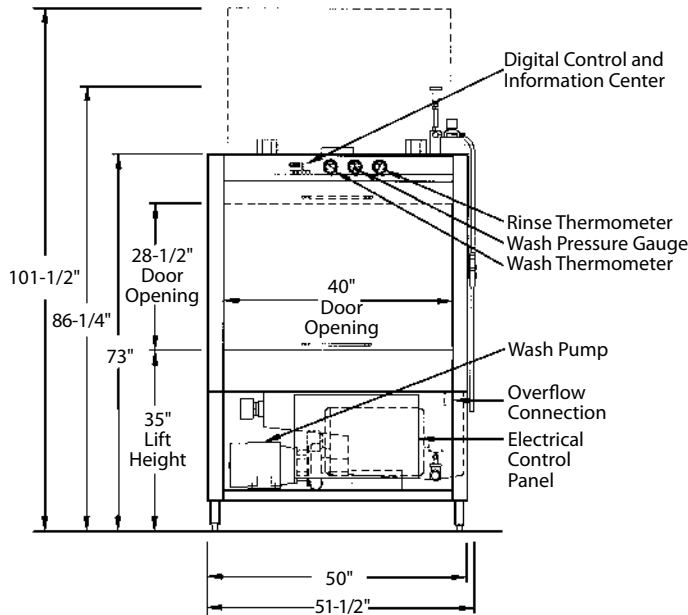
MODEL LD-20

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Dimensions shown in inches



SPECIFICATIONS

Machine Construction

12, 14, & 16 gauge stainless steel. All seams Tig welded.

Door

Stainless steel front loading lift door design for easy loading and unloading.

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 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. A 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, rinse temperature, wash jet pressure.

Wash Tank

Stainless steel with electric, infrared gas, steam or steam coil heating, thermostatically controlled, low-water protected, sloped to drain with a 36-gallon capacity.

Rinse Tank

Stainless steel 12 kW total 208/240 or 480 volt or optional 575 electric booster heaters to provide 180°F/190°F hot sanitizing rinse.

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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Washer	Automatic washing machine designed to wash all pots, pans and utensils commonly used in baking and cooking operations.
Cabinet	50" wide x 36" deep x 73" high. Overall height with door open: 100-3/4". Door opening: 40" wide x 28-1/2" high. Constructed of 12, 14 & 16 gauge, type 304 #3 finish, stainless steel. All seams tig-welded, cleaned and polished.
Door	Lift-up door type. Counter balanced with self-lubricating guides, stainless steel cables on nylon rollers with cable guards to insure tracking. Door is interlocked with proximity switch to prevent machine operation while door is open. Door construction: 16 gauge, type 304 #3 finish, stainless steel.
Recirculating Wash Tank	Heated by 12 kW total 208/240, 480 or optional 575 volt electric immersion heater, thermostatically controlled wash temperature 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.
Wash Tank Filter	Perforated, stainless steel basket type, double filter system for increased effectiveness and easy cleaning without emptying wash tank.
Wash Tank Fill Valve	Size 1/2" brass material, solenoid type, automatic.
Wash Tank Drain Valve	Size 1-1/4" brass material, gate type for manual or electrically operated ball valve for automatic option.
Wash Pump	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, mounted on 12 gauge stainless steel formed channel base.
Spray Arm Assemblies	Water driven, stainless steel spray arm assemblies, top and bottom, with stainless steel jets and quick-release mechanism for easy cleaning and reassembly.
Sanitizing Rinse Tank	stainless steel, 10 gallon capacity, with 12 kW total 208/240, 480 or optional 575 volt electric booster heater to provide 180°/190° F hot sanitizing rinse. Uses 5 gallons per 27 second cycle. Infrared gas and steam coil heating options available.
Rinse Supply Valve	Size 3/4" brass material, solenoid type, automatic.
Final Rinse	Type 304 stainless steel tubing with brass compression fittings and brass or optional stainless steel full cone rinse jets.
Control & Information Center	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.
Wash Down Spray Hose	Externally mounted spray hose with spray gun for easy cleaning and maintenance of machine.
Steam Exhaust Vent	Steam exhaust vent 6-3/4" diameter, 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.
Optional Exhaust Fan	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.
Racks	Customized to hold your specific items. Standard bakery racks include utensil basket with



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SPECIFICATIONS MODEL LD-20 POT, PAN & UTENSIL WASHER

(2) hold-down lids and (2) bun/sheet pans insert designed to hold (10) pans, constructed of stainless steel rod, mig-welded.

Connections

Water Inlet: 120°F, 3/4" NPT

Water Drain and Overflow: 1-1/4" NPT

Electrical: Two point connection, except 575 volt, which is single point.

Steam Heating Option: 1/2" NPT

Natural or Propane Gas Heating Option: 1/2" NPT.

Services

120 Volt -1 phase, 5 running amps, 15 amp service, plus one of the following:

Elec. Spec.	Running Amps		
	Electric Wash Electric Booster	Steam Wash ¹ Steam Booster	Infrared Gas Wash ² Electric Booster
208 Volt 3 phase	86	19	19
240 Volt 3 phase	79	18	18
480 Volt 3 phase	40	9	9

¹ Steam Supply: Consumption: 95 lbs./hr. @ 15 psi minimum

² Gas Supply: Consumption: 90,000 BTU/hr.

Certifications

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

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