Champion®

The Dishwashing Machine Specialists

Project _____
Item No. _____
Quantity _____

LD-20-PT WASHER

LD-20-PT

Pot, Pan and
Utensil Washer

STANDARD FEATURES

- Heavy-duty stainless steel construction
- Pass-thru operation
- Heavy-duty 15 Hp pump
- 66" cabinet and a generous 20 pan capacity
- Recirculating wash water
- High velocity, stainless steel “V” jets
- Wash/rinse cycle of just 5 minutes
- Electric, gas or steam heat
- External wash down hose and spray gun
- Recirculating wash water
- Moisture resistant control gauges
- Digital Control & Information Center
- Self containing water heating
- Fresh water sanitizing rinse
- Removable, dual filtration system
- One-year parts and labor warranty

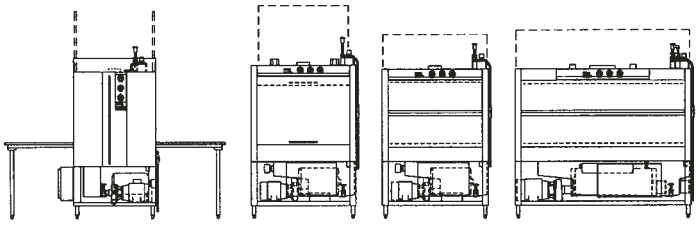
OPTIONS

Tank Heat

☐ Steam

☐ Gas

Additional Lift Door and Split Door Models:



☐ LD-12-PT ☐ LD-20 ☐ SD-20 ☐ SD-36

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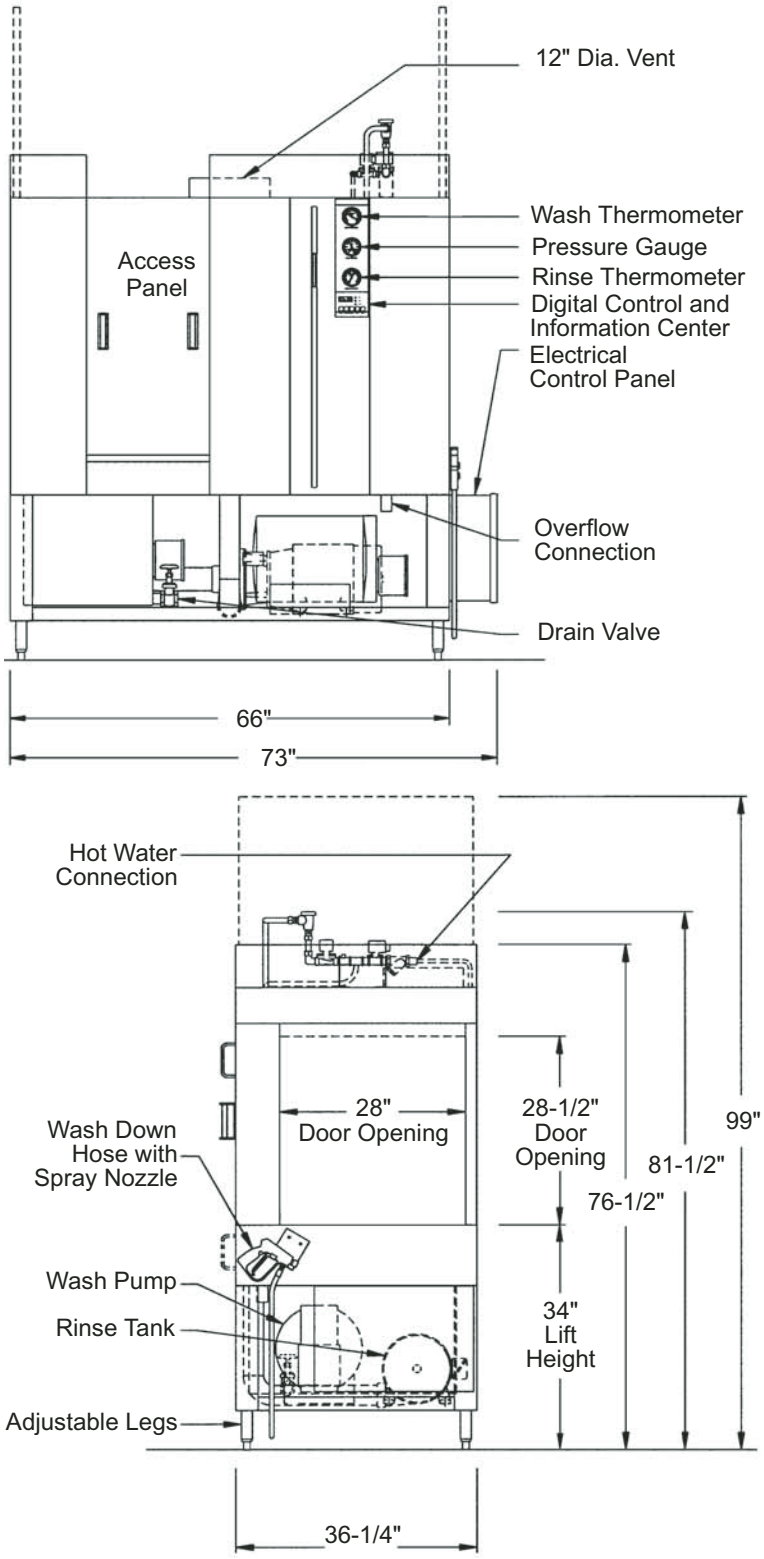
Dimensions shown in inches



SPECIFICATIONS

Machine Construction
12, 14, & 16 gauge Stainless steel. All seams tig welded, cleaned and polished.

Door
Stainless Steel, counter-balanced with self-lubricating guides. Stainless steel cables on nylon rollers with guards to prevent jumping.

Spray Arm Assembly
Water driven, Stainless Steel spray arm assembly with Stainless Steel jets, removable end caps and hand operated quick release mechanism for easy cleaning and reassembly. Mounted on Stainless Steel base.

Filter
Perforated, removable, Stainless Steel baskets.

Water Pump
15 Hp, 208/240 or 480 volt, 3 phase, 60 cycle with output of 250 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 programmable controller allows the push pad to be used as a “Diagnostic Center” by displaying “Error Codes” for ease of troubleshooting.

Gauges
Wash temperature, rinse temperature, wash pressure. Special moisture resistant design.

Wash Tank
Stainless Steel with electric, infrared gas or steam coil heating. Thermostatically controlled, low water protected, sloped to drain 50 gallon capacity.

Booster Heater
Electric, infrared gas or steam coil heating 208/240 or 480 volt 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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SPECIFICATIONS MODEL LD-20-PT POT, PAN & UTENSIL WASHER

Cabinet	66" wide x 36-1/4" deep x 76-1/2" high. Overall height with door open: 99". Door opening: 28" 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. Two doors, single control, handle. Counter balanced with self-lubricating guides, STAINLESS STEEL cables on nylon rollers with cable guards to insure tracking. Doors are interlocked with limit switch to prevent machine operation while doors are open. Door construction: 16 gauge, type 304 #3 finish, STAINLESS STEEL.
Recirculating Wash Tank	Heated by one 18 KW 208/240 or 480 Volt electric immersion heater, thermostatically controlled wash temperature and low water protection system. 50 gallons, 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	15 hp, 208/240 or 480 volt, 3 phase, 60 cycle. Close coupled; 250 gallons per minute at 35 to 45 psi, mounted on 12 gauge STAINLESS STEEL formed channel base.
Rotating wash Hub & Spray Arm Assembly	Water driven, STAINLESS STEEL spray arm assembly with STAINLESS STEELjets, removable end caps and hand operated quick release mechanism for easycleaning and reassembly. Mounted on STAINLESS STEEL base.
Sanitizing Rinse Tank	STAINLESS STEEL, 10 gallon capacity, with one 12 kW 208/240 or 480 Volt electric booster heater to provide 180°/190° F hot sanitizing rinse. Uses 4.4 gallons per 30-second cycle. Infrared gas and steam coil heating options available.
Rinse Supply Valve	Size 3/4" brass material, solenoid type, automatic.
Final Rinse Piping	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 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. Moisture resistant gauges measure Wash Temperature, Wash Pressure and Rinse Temperature.
External Rinse Hose	Externally mounted rinse hose with insulated spray gun handle for easy cleaning and maintenance of machine.
Steam Exhaust Vent	Steam exhaust vent 12-7/8" diameter, consisting of 14 gauge rolled STAINLESS STEEL, collar for PVC pipe connection bolted to the top of the machine. Machine pre-wired with control timer for the addition of a fan.

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SPECIFICATIONS
MODEL LD-20-PT POT, PAN & UTENSIL WASHER

Optional Exhaust Fan

12" diameter exhaust fan constructed for moisture laden air or other air stream contaminants. 500 CFM @ .5" static pressure. 1/4 hp, 1725 RPM.

Racks

Customized to hold your specific items. Standard bakery racks include utensil basket with hold-down lid and bun/sheet pan insert designed to hold ten pans, constructed of STAINLESS STEEL rod, tig-welded.

Connections

Water Inlet: 120° F, 3/4" NPT
Water Drain and Overflow: 1-1/4" NPT
Electrical: Two point connection through knock out on electrical enclosure.
Steam Heating Option: 1/2" NPT
Natural or Propane Gas Heating Option: 1/2" NPT.

Weight

Crated: 1,300 lbs. Uncrated: 1,000 lbs.
NOTE: All weights are approximate. Weights will vary depending on the number of options included with the machine.

Services

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

	Running Amps		
Elec. Spec.	**Electric Wash Electric Booster**	**Steam Wash[1] Steam Booster**	**Infrared Gas Wash[2] Infrared Gas Booster**
208 Volt 3 phase	122	72	72
240 Volt 3 phase	112	67	67
480 Volt 3 phase	56	34	34

[1] Steam Supply: Consumption: 105 lbs./hr.
[2] Gas Supply: Consumption: 130,000 BTU/hr.

Certifications

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

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