Champion®

The Dishwashing Machine Specialists

Project _____

Item No. _____

Quantity _____

MODEL LD-36 WASHER

STANDARD FEATURES

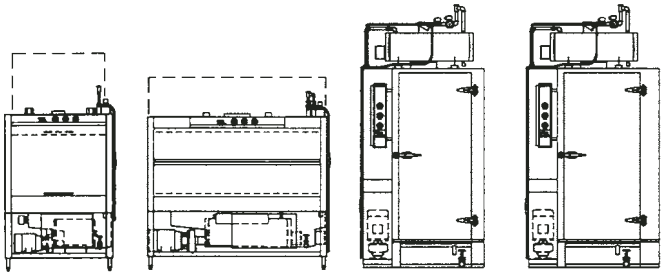
- Rugged stainless steel construction
- Self contained water heating
- Front-loading, lift door design
- Recirculating wash water
- User-friendly, push-button operation
- Fresh water sanitizing rinse
- Digital Control & Information Center
- Moisture resistant control gauges
- Precision engineered spray patterns
- External rinse hose & spray gun
- Versatile racking system
- Removable, dual filtration system
- Adjustable wash & rinse cycles
- Two year warranty program

MODEL LD-36

Universal Pan and Rack Washer

OPTIONS

Additional Pan and Rack Washer Models:



☐ LD-20 ☐ SD-36 ☐ 1527 ☐ 1536

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MODEL LD-36 WASHER

MODEL LD-36

Universal Pan
and Rack Washer

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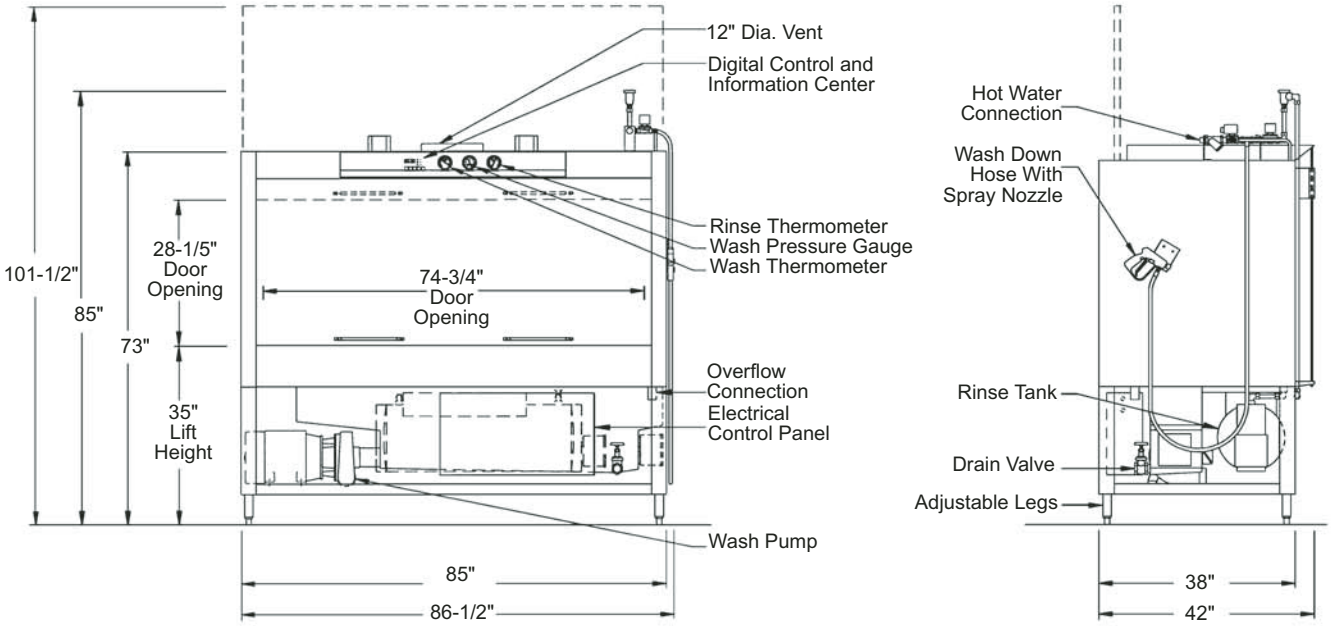
Dimensions shown in inches



SPECIFICATIONS

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

Recirculating Wash Tank
Stainless steel with electric, infrared gas, live steam or steam coil heating, thermostatically controlled, low water protected, sloped to drain with a 65 gallon capacity.

Rinse Tank
Stainless Steel with electric, infrared gas or steam coil booster heater to provide 180°F/190°F hot sanitizing rinse. Uses 12 gallons per 30 second cycle.

Filter
Perforated, removable, stainless steel baskets.

spray arm assembly
Stainless steel spray arm assemblies with stainless steel jets, removeable end caps, and hand-operated quick release mechanism for easy cleaning and reassembly.

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 pre-programmed circuit board allows the push pad to be used as a "Diagnostic Center" by displaying "Error Codes" for ease of troubleshooting.

GAUGES
Moisture resistant gauges measure Wash Temperature, Wash Pressure and Rinse Temperature.

Racks
Stainless steel 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-36 UNIVERSAL PAN & RACK WASHER

Washer	Automatic washing machine designed to wash all pots, pans and utensils commonly used in baking and cooking operations.
Cabinet	83" wide x 38" deep x 73" high. Overall height with door open: 101-1/2" (108-1/4" with optional infrared gas heated rinse tank). Door opening: 74-3/4" wide x 28-1/2" high. Constructed of 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 calbe guards to insure tracking. Door is interlocked with limit switch to prevent machine operation while door is open. Door construction: 16 gauge, type 304 #3 finish, stainless steel.
Recirculating Wash Tank	Heated by (1) 18 KW 208/240, 480 or optional 575 volt electric immersion heaters, thermostatically controlled wash temperature and low water protection system. 65 gallons, 14 gauge stainless steel,sloped to drain. Infrared gas and steam heating options available.
Wash Tank Filter	Perforated, stainless steel basket type designed 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, 480 or optional 575 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.
Spray Arm Assemblies	Water driven, stainless steel spray arm assembly, with stainless steel jets, removeable end caps and hand-operated quick release mechanism for easy cleaning and reassembly.
Sanitizing Rinse Tank	Stainless steel, 20 gallon capacity, with (1) 18 KW 208/240, 480 or optional 575 volt electric booster heater to provide 180°/190° F hot sanitizing rinse. Uses 12 gallons per 30 second cycle. Infrared gas and steam coil heating options available.
Rinse Supply Valve	Size 1" 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 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 insulated handle for pre-rinse of heavily soiled items and easy cleaning and maintenance of machine.
Steam Exhaust Vent	Steam exhaust vent 12-7/8" diameter, consisting of 14 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.

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SPECIFICATIONS
MODEL LD-36 UNIVERSAL PAN & RACK WASHER

Optional Exhaust Fan

(1) 12" diameter stainless steel fan with 12-7/8" collar mounted on washer to extract excess steam after final rinse cycle. 1/4 Hp TEFC or optional wash down duty motor, 120 volt, 1 phase, 1725 RPM, rated 500 CFM at .5" static pressure.

Racks

Customized to hold your specific items. Standard bakery racks include utensil basket with (2) hold-down lids and bun/sheet pan inserts designed to hold (9) pans, constructed of stainless steel rod, mig-welded.

Connections

Water Inlet: 120 °F, 1" NPT
Water Drain and Overflow: 1-1/4" NPT
Electrical: Two point connection (except 575 volt, which is single point) through knock out on electrical enclosure.
Steam Heating Option: 1/2" NPT
Natural or Propane Gas Heating Option: 1/2" NPT

Weight

Crated: 2,000 lbs. Uncrated: 1,600 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 (except 575 which is single-point connection):

	Running Amps		
Elec. Spec.	Electric Wash Electric Booster	Steam Wash[1] Steam Booster	Maxon Gas Wash[2] Electric Booster
208 Volt 3 phase	139	39	39
240 Volt 3 phase	124	37	37
480 Volt 3 phase	62	19	19
575 Volt 3 phase	52	16	16

[1]Steam Supply: Consumption: 160 lbs./hr. @ 15 psi minimum

[2]Gas Supply: Consumption: 114,000 BTU/hr. @ 1/2 lb. pressure maximum

Certifications

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

Note: Gas heated machines are built to CSA and CGA standards, but require on-site approval by TSSA at the customer's expense.

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