Champion®
The Dishwashing Machine Specialists

PROJECT: _____

ITEM # _____ QTY: _____

MODEL # _____

AIA # _____ SIS # _____

PP-20-SD (Split Door)

DOOR TYPE POT, PAN AND UTENSIL WASHER

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

STANDARD FEATURES

- **Heavy-Duty Stainless Steel Construction**
- **20 Sheet Pan Capacity**
- **Front-Loading Split Door**
- **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 And Information Center**
- **Versatile Racking System**
- **Electric Or Steam Heating**
- **Precision Engineered Spray Patterns**
- **High-Pressure Wash System (35-45 PSI)**

OPTIONS

- ☐ Tank Heat Steam
- ☐ Motorized Drain
- ☐ Stainless Steel Rinse Nozzles
- ☐ Drain Water Tempering Kit
- ☐ Steam Extraction Fan
- ☐ Vent Fan Control Switch
- ☐ Water Softener

Certifications apply to the machine only.

SPECIFIER STATEMENT

Specified unit will be Champion Industries model PP-20 pot, pan and utensil washer. Features include split door design, 7.5 Hp pump motor, 2 pan capacity, push button control and information center, recirculating wash water and 27 second wash/rinse cycle.

1 year parts and labor warranty.

In the USA:
3765 Champion Blvd, Winston-Salem, NC 27105
Tel: (336) 661-1556 Fax: (336) 661-1979
www.championindustries.com

In Canada:
2674 N. Service Rd., Jordan Station, Ontario, Canada L0R1S0
Tel: (905) 562-4195 Fax: (905) 562-4618
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APPROVAL: _____ DATE: _____

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PP-20-SD

DOOR TYPE POT, PAN AND UTENSIL WASHER SPECIFICATIONS

Dimensions shown in inches

SPECIFICATIONS

Machine Construction

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

Split 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 basket.

Water Pump

7.5 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. 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

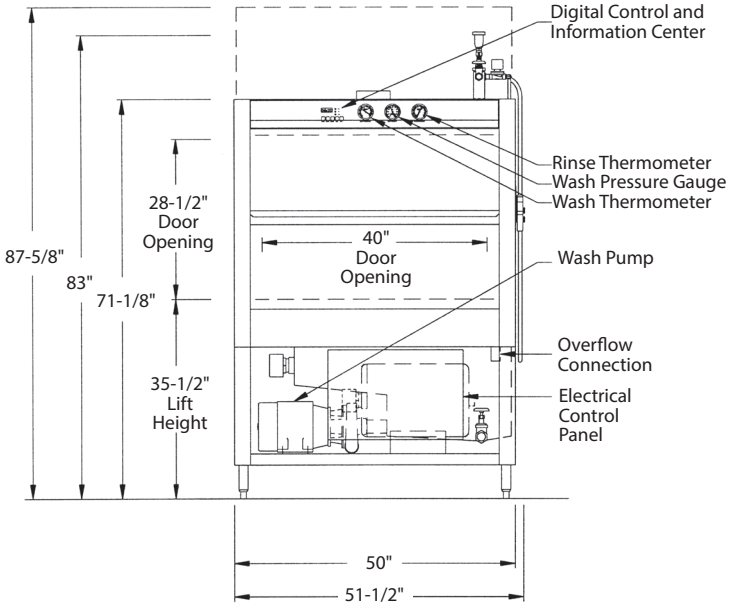
Stainless steel with electric or steam coil natural immersion heaters, thermostatically controlled, low-water protected, sloped to drain with a 36-gallon capacity

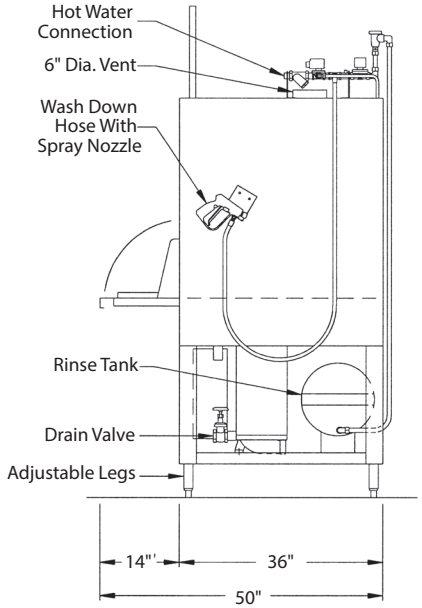
Rinse Tank

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.





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PP-20-SD

DOOR TYPE POT, PAN AND UTENSIL WASHER SPECIFICATIONS

Cabinet	50" wide x 36" deep x 71 1/8" high. Door Opening: 40" wide x 28" high. Wash Chamber: 38 3/4" wide x 26 3/8" deep x 25 1/2" high. Constructed of #16 gauge, #304 STAINLESS STEEL with a #3 finish. All seams are tig welded. Seams, where needed for watertight construction, are continuously welded. All other seams are stitch welded for strength. All welds are cleaned inside, cleaned and buffed outside. Optional continuous welds in lieu of stitch welds available.
Door	Front loading, split type 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. Constructed of #14 and #18 gauge, #304 STAINLESS STEEL with a #3 finish.
Recirculating Wash Tank	Constructed of #14 gauge, #304 STAINLESS STEEL, heated by 12 KW electric immersion heaters (live steam or steam coil options are available). Complete with low water protection, automatic fill, 1 1/4" NPT overflow connection, 1 1/4" gate drain valve, thermometer, pressure gauge and is thermostatically controlled. 36 gallon tank capacity, sloped to drain. Optional automatic pump operation for elevated drain locations (42" high max) is available complete with 1/14 H.P., 120 volt, single-phase drain pump. With this option, wash tank completely drains when power is turned off.
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 1-1/4" NPT, 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	Closed coupled centrifugal wash pump, bronze fitted with cast iron casing. Complete with 7 1/2 H.P. ODP motor (optional TEFC or wash down duty motors available). 208/240/480 or optional 575 volt, 1 or 3 phase, 60 cycle. Rated for 120 gallons per minute at 35 to 45 PSI. Optional STAINLESS STEEL wet end available..
Rotating Wash Hub & 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.
Filtration	Perforated STAINLESS STEEL basket type. Double filter system for increased effectiveness and easy cleaning without emptying wash tank.
Sanitizing Rinse Tank	Constructed of #14 gauge, #304 STAINLESS STEEL, heated by 12 KW electric immersion heaters (steam coil options are available). Complete with thermometer, pressure gauge and is thermostatically controlled. Uses 5.6 gallons per 30 second cycle at 20 PSI and has a 10 gallon capacity.
Rinse Supply Valve	Size 3/4" brass material, solenoid type, automatic.
Final Rinse Piping	#304 STAINLESS STEEL tubing with brass compression fittings and full cone rinse jets. Optional STAINLESS STEEL fitting and jets are available.
Control & Information Center	Electrical enclosure is UL 12 STAINLESS STEEL with Sq. "D" components. Optional disconnect switch with safety lockout is available. Includes 120 volt control circuit and motor starters. Digital Control and Information Center consists of push pad operation of "POWER ON", "SHORT, MEDIUM or LONG" wash cycles. Also included is a digital display which indicates time remaining, cycle indicator lights and a buzzer to indicate full cycle completion. The display along with the push pad can also be used as a diagnostic center by displaying error codes for ease of troubleshooting. Moisture resistant gauges measure temperatures and pressures for wash and rinse cycles. Optional UL 4X STAINLESS STEEL electrical enclosure with three way selector switch, push button controls and adjustable timers or Schneider Modicon PLC with Magellis 5.7 color operator interface touch screen including ethernet and data logging capabilities in lieu of Digital Control and Information Center. Washer will be wired in hard aluminum conduit and tested prior to shipment.

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DOOR TYPE POT, PAN AND UTENSIL WASHER SPECIFICATIONS

External Rinse Hose
Externally mounted spray hose with spray gun for easy cleaning and maintenance of machine.

Steam Exhaust Vent
Steam exhaust vent 6 3/4" I.D. consisting of #16 gauge rolled collar, for 6" 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 sanitizing rinse cycle. 1/40 H.P. ODP motor, 110 volt, 1 phase, 1550 RPM, rated for 250 CFM at .05" static pressure. Optional fan with STAINLESS STEEL housing and blade with 1/2 H.P. 3 phase motor is available.

Racks
Customized to hold your specific items. Standard bakery racks include utensil basket with two (2) hold-down lids and two (2) bun/sheet pan inserts designed to hold ten (10) pans each. Constructed of STAINLESS STEEL rod, mig welded.

Connections
Water Inlet: 3/4" NPT, 120° F. at 20 PSI
Drain: 1 1/4" NPT
Overflow: 1 1/4" NPT
Steam Option: 1/2" NPT or (2) 1/2" NPT with optional steam heated rinse tank
Steam Condensate: 1/2" NPT or (2) 1/2" NPT with optional steam heated rinse tank
Electrical: Single-point connection.

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.

Utilities
See attached Utilities Chart for service requirements specific to various combinations of wash and rinse tank heating. Calculations are based on a room temperature of 72° F.

Electrical Connections

Contact factory for mixed heat sources.

PP-20-SD, Split Door	Running Amps	
Elec. Specs	Electric Wash Electric Booster	Amp Minimum Service Break
240/60/1	131	175
208/60/3	87	110
240/60/3	77	100
480/60/3	40	50
575/60/3	34	45

PP-20-SD, Split Door	Running Amps	
Elec. Specs	Steam Wash Steam Booster	Amp Minimum Service Break
240/60/1	31	40
208/60/3	21	30
240/60/3	19	25
480/60/3	11	15
575/60/3	9	15

Steam Consumption: 95 lbs. per hour at 15 PSI minimum.

Certifications NSF, UL and UL Sanitation Listed (all). CUL Listed

Warning
Plumbing and electrical connections should be made by qualified personnel who will observe all the applicable plumbing, sanitary, and safety codes and the National Electrical Code.

Note
Water Hammer Arrestor (meeting ASSE-1010 standard or equivalent) to be supplied (by others) in common water supply line at service connection.

Plumbing Notes
Because of the variation in house-supplied steam and water pressures, steam and water pressure regulating valves (PRVs) may be needed. (Water PRV is standard on machines with booster.) The PRVs can either be purchased from Champion or obtained locally. Champion does not endorse using on-demand (tankless) water heating systems, as well as PEX and other plumbing materials that may limit water flow, as these could impair machine performance. For optimal results, we recommend using appropriately sized conventional hot water tanks and standard copper water supply lines that adhere to our specifications. Not following these recommendations may void the manufacturer's warranty. Water Hardness: Less than 3.5 grains/gallon.

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