

VA will provide

HOBART701 S Ridge Avenue, Troy, OH 45374
1-888-4HOBART • www.hobartcorp.com**WPS-1200 WASTE PRO
WASTE EQUIPMENT SYSTEM****HOBART****STANDARD FEATURES****PULPER:**■ **Pulper Tank:**

25½" diameter investment cast 316 stainless steel tank, vibration isolators secure the motor and the tank to the stainless steel frame. Tank includes vibration isolation gasket.

■ **Pulping Disc:**

5½" diameter stainless steel pulping disc

■ **Rotating Delta Shearing Cutters:**

Investment cast stainless steel 17-4 cutting edges mounted on pulping disc for shearing action.

■ **Particle Sizing Ring:**

Investment cast 17-4 stainless steel.
Matched to pulping disc.

■ **Stationary Shearing Cutters:**

S-7 tool steel cutting edges.
Mounted on tank wall to provide shearing action.

■ **Legs:**

Tubular stainless steel.
Adjustable ¾ inches in either direction.

■ **Water Consumption:**

0-4 GPM with 25 psi line pressure.

■ **Empty Cycle:**

Sprays hot water on the screen to reduce clean-up time by 60%.

ELECTRICAL:■ **Pulper Motor:**

6.0 horsepower, TEFC (Total Enclosed Fan Cooled).
Direct drive with 1½" diameter stainless steel shaft.

■ **Waterpress Motor:**

2.0 horsepower, TEFC.

■ **Recirculating Pump Motor:**

3.0 horsepower, TEFC.

■ **Controls:**

Prewired electrical control panel.
NEMA 4 stainless steel enclosure.
Magnetic-type motor contactors.
Overload protection.
Nominal 115 volt control circuit transformer.
Junction box with terminal strips mounted on drive motor housing for easy access.

■ **Remote "Start-Stop" push-button station.**■ **Chemical pump standard.****MODEL**

- WPS-1200 Waste Equipment System

OPTIONS **FREE-STANDING MODELS:** **Feed Tray Assembly:**

Stainless steel construction.
Ergonomically designed.
Removable splash curtain.
24" x 25" feed tray.

- Optional feed tray flush nozzle.

 Hinged Cover:

Interlocked to prevent operation when opened.

 UNDERCOUNTER MODELS: **Removable Cover Plate:**

Integrated interlock switch.

Rubber boot included with pulper tank lid.

 Trough connection.

- 9" wide

- 12" wide

 Electrical controls:

Flush-mounted enclosure

- SWS40 transfer pump.

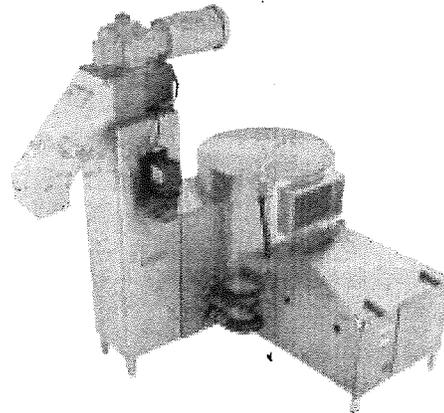
- Motorized drain valve.

- 2nd Remote Start/Stop Switch

- Flange-style seismic feet.

- Trough magnet.

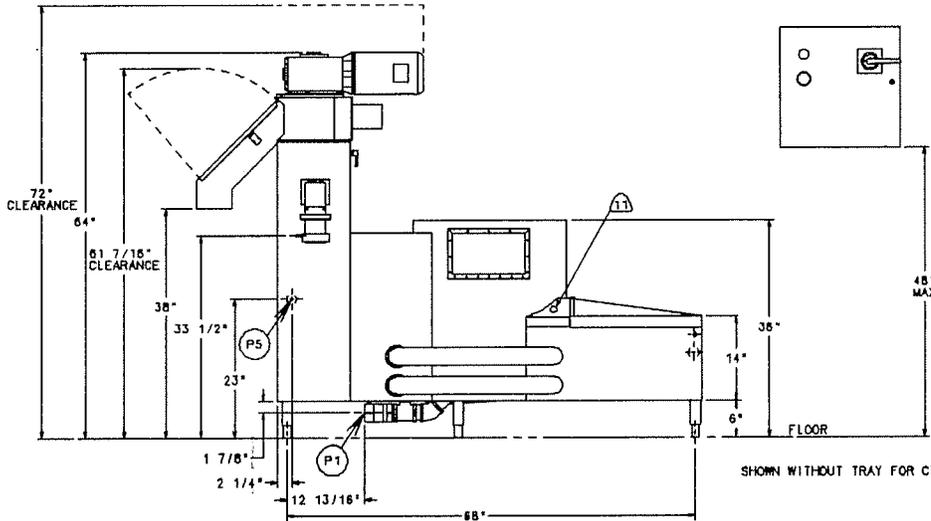
Specifications, Details and Dimensions on Inside and Back.

**WPS-1200 WASTE PRO WASTE EQUIPMENT SYSTEM**

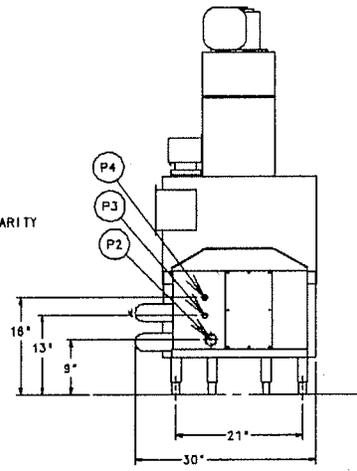
WPS-1200 WASTE PRO WASTE EQUIPMENT SYSTEM



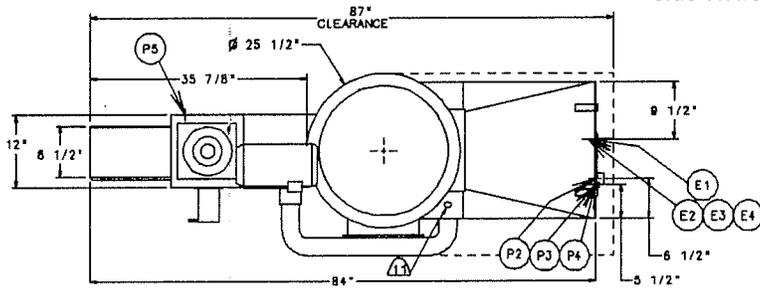
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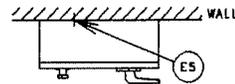
- GENERAL NOTES**
1. ALL DIMENSIONS TAKEN FROM FLOOR LINE MAY BE INCREASED OR DECREASED BY 3/4\".
 2. ELECTRICAL CONTROL PANEL, BY HOBART, SHOULD BE LOCATED WITHIN SIGHT OF PULPER AND BE EASILY ACCESSIBLE.
 3. APPROXIMATE SHIPPING WEIGHT: 875 LBS.
 4. OVERALL CRATE SIZE: 30\"W X 88\"L X 72\"H. MAX (175 CU. FT.)



Side Views - All Models



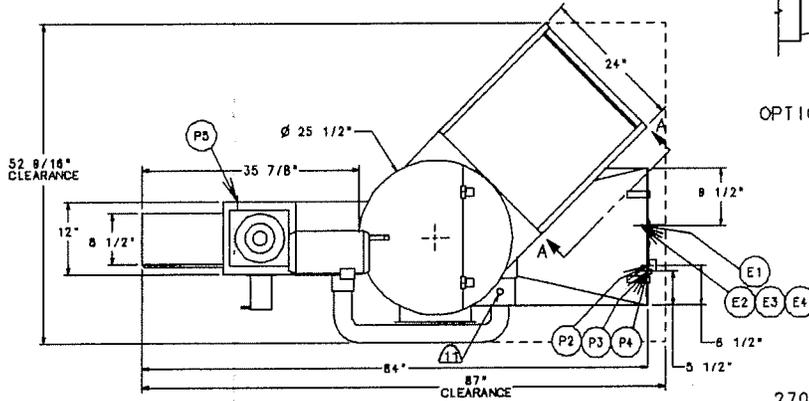
Top View - WPS1200 Undercounter



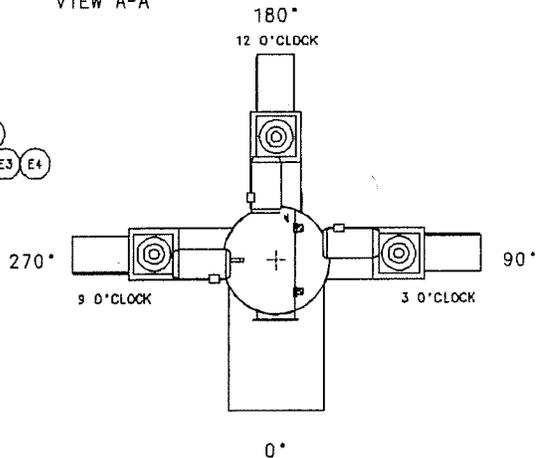
WALL MOUNTED CONTROL BOX
(ELECTRICAL CONDUIT HOLES TO BE ADDED AT TIME OF INSTALLATION)



OPTIONAL FEED TRAY
VIEW A-A



Top View - WPS1200 Free Standing



OPTIONAL POSITIONING
SPECIFIC LAYOUT TO BE DETERMINED BY FACTORY

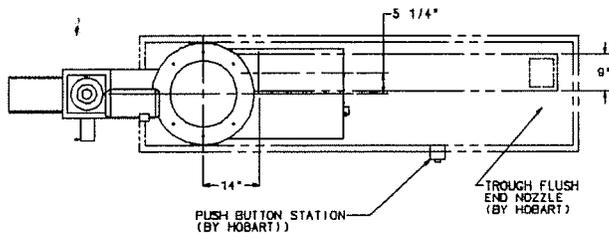
CONNECTION INFORMATION
(AFF - ABOVE FINISHED FLOOR)

- | | |
|--|---|
| E1 ELECTRICAL CONNECTION - PULPER DRIVE MOTOR. | P1 DRAIN VALVE OUTLET CONNECTION (PIPE TO FLOOR SINK), 2\" NPT (MALE), 4\" AFF. |
| E2 ELECTRICAL CONNECTION - WATERPRESS DRIVE MOTOR | P2 RETURN WATER OUTLET CONNECTION, 1-1/2\" FPT (MALE), 9\" AFF. |
| E3 ELECTRICAL CONNECTION - RETURN PUMP MOTOR | P3 FRESH COLD WATER INLET CONNECTION, 1/2\" FPT (FEMALE), 13\" AFF. |
| E4 ELECTRICAL CONNECTION - CHEMICAL ADDITIVE PUMP | P4 FRESH HOT WATER INLET CONNECTION, 1/2\" FPT (FEMALE), 18\" AFF. |
| E5 ELECTRICAL CONNECTION - SERVICE SUPPLY 1-3/4\" CONDUIT HOLE | P5 OVERFLOW OUTLET CONNECTION, 1-1/2\" FPT (FEMALE), 23\" AFF. |

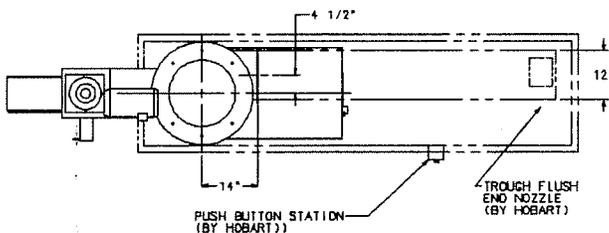


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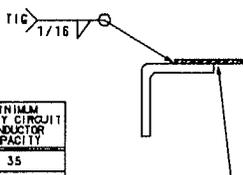
WPS-1200 WASTE PRO WASTE EQUIPMENT SYSTEM



PLAN VIEW WPS-1200 UC PULPER
SHOWN WITH 9" TROUGH CONNECTION



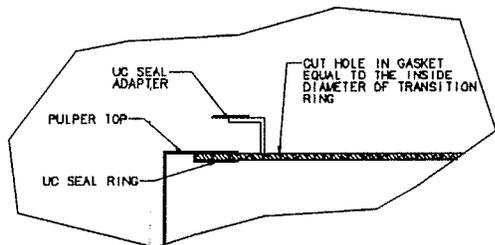
PLAN VIEW WPS-1200 UC PULPER
SHOWN WITH 12" TROUGH CONNECTION



DETAIL "A"

INTERMITTENT TACK WELD TO UNDERSIDE OF TABLE TOP. HOLE IN TABLE SHOULD BE 18-1/2" DIA ± 1/16"

POWER SUPPLY	PULPER MOTOR	RETURN PUMP MOTOR	WATER PRESS MOTOR	RATED AMPS	MINIMUM SUPPLY CIRCUIT CONDUCTOR CAPACITY
208/80/3	6 HP	3 HP	2 HP	30.8	35
230/80/3	6 HP	3 HP	2 HP	29.6	35
480/80/3	6 HP	3 HP	2 HP	14.8	20



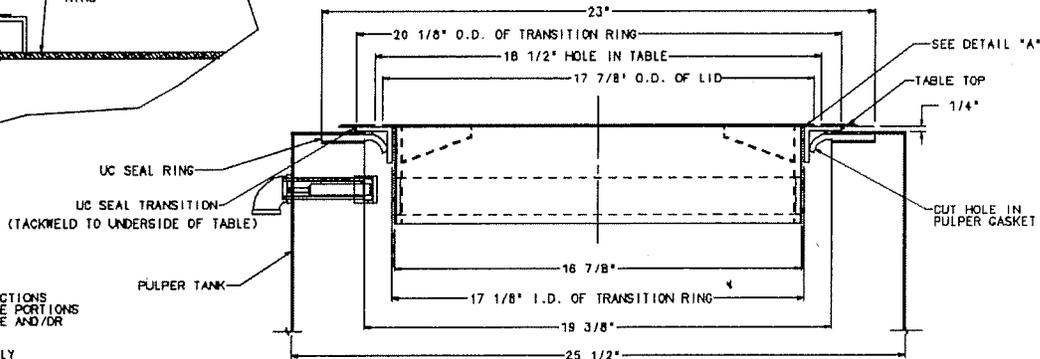
WARNING

ELECTRICAL AND GROUNDING CONNECTIONS MUST COMPLY WITH THE APPLICABLE PORTIONS OF THE NATIONAL ELECTRICAL CODE AND/OR OTHER LOCAL ELECTRICAL CODES.
PLUMBING CONNECTIONS MUST COMPLY WITH APPLICABLE SANITARY, SAFETY AND PLUMBING CODES.

MODEL: WPS1200 FS/UC
OPERATION
E-316102/E-316103
REV. B

- PLUMBING NOTES**
- CUSTOMER TO PROVIDE PIPING FROM FRESH WATER SUPPLY TO PULPER AND FROM PULPER DRAIN LINE TO FLOOR SINK OR FLOOR DRAIN. RECOMMENDED BUILDING FLOWING WATER PRESSURE TO THE PULPER IS 30 PSIG MIN (12 GPM). IF FRESH WATER SUPPLY PRESSURE IS HIGHER THAN 45 PSIG, A PRESSURE REGULATING VALVE MUST BE INSTALLED IN THE WATER LINE (BY OTHERS).
 - RECOMMENDED PIPING TO BE STANDARD TYPE "M" COPPER.
 - TROUGH RETURN WATER PIPING TO BE TYPE L COPPER, SCHEDULE 40 GALVANIZED OR EQUIVALENT (PVC PIPING NOT ACCEPTABLE).
 - TERMINATE FRESH WATER LINE AND TROUGH CONNECTIONS WITH UNION OR FLANGE TYPE FITTING.
 - HOT AND COLD WATER HOSE BIBS (FOR DAILY CLEANING OF UNIT), TO BE INSTALLED CLEAR OF BUT ACCESSIBLE TO UNIT, WITH A HEAVY DUTY HOSE AND SQUEEZE VALVE. (SUPPLIED BY OTHERS).
 - FLOOR DRAIN OR FLOOR SINK (ACCORDING TO LOCAL CODE REQUIREMENTS), TO BE KEPT CLEAR OF, BUT ACCESSIBLE TO THE UNIT.
 - PROTECT ALL EQUIPMENT AND RELATED PIPING FROM FREEZING TEMPERATURES AND CONDENSATION.
 - PLUMBING MUST RUN UPHILL TO TROUGH CONNECTION.
 - IF 3/8" AIR LINE IS RUN UNDERGROUND, A LOOP SEAL EXTENDING 3" ABOVE THE HIGHEST POINT ON THE PULPER MUST BE PROVIDED.
 - NO EXTERNAL STRAIN TO BE EXERCISED ON HOBART EQUIPMENT.
 - Ⓛ DRAIN FLUSH LINE, 1" Ø HOSE PROVIDED, (CONNECT TO PIPE NIPPLE ON SILVER SAVER WITH HOSE CLAMP)

- ELECTRICAL NOTES**
- ELECTRICAL CONTROL PANEL IS A SURFACE MOUNTED ENCLOSURE AVAILABLE IN NEMA 4 (SST), CLOSED COUPLED-(20 X 20 X 8), REMOTE-(20 X 20 X 8), WATERPRESS-(24 X 20 X 8).
 - EACH ELECTRICAL CONTROL PANEL IS PREWIRED FROM THE FACTORY AND CONTAINS THE FOLLOWING ITEMS:
 - (A) MAIN CIRCUIT BREAKER (THERMAL MAGNETIC) INTERLOCKED WITH DOOR HANDLE.
 - (B) MAGNETIC CONTROLLER WITH OVERCURRENT PROTECTION FOR EACH MOTOR.
 - (C) STEP-DOWN TRANSFORMER FOR 115 VOLT (NOMINAL) CONTROL CIRCUIT OPERATION.
 - (D) ALL CONTROLS DESIGNED TO MEET THE REQUIREMENTS OF UL-508.
 - CONTROL CIRCUIT TO BE 115 VAC NOMINAL.
 - ALL CONTROL PANELS ARE TO BE WIRED IN ACCORDANCE TO LOCAL STATE AND/OR NATIONAL ELECTRIC CODE SPECIFICATIONS.
 - REMOTE PUSHBUTTON STATION TO BE MOUNTED & WIRED AT WORKSTATION BY CUSTOMER. (BRACKET SUPPLIED BY CUSTOMER).
 - REMOTE PUSH BUTTON STATION HOUSES TWO (2) ILLUMINATED PUSH BUTTONS.
 - EQUIPMENT DRIVE MOTORS ARE PROVIDED AS FOLLOWS:
 - (A) PULPER DRIVE MOTOR IS TOTALLY ENCLOSED, FAN COOLED.
 - (B) RECIRCULATING PUMP MOTOR IS TOTALLY ENCLOSED, FAN COOLED.
 - (C) WATERPRESS MOTOR IS TOTALLY ENCLOSED, FAN COOLED.
 - CUSTOMER TO PROVIDE ALL INTERCONNECTING WIRING FROM PREWIRED ELECTRICAL CONTROL PANEL TO PREWIRED TERMINAL BLOCKS. ELECTRICAL WIRING DIAGRAM PROVIDED WITH EACH PULPER.



THE UC GASKET IS HELD TO THE UNDERSIDE OF THE PULPER TOP BY THE TWO HALVES OF THE TOP SEAL RING AND WELD STUDS. ELEVATE THE PULPER UNTIL THE GASKET IS IN CONTACT WITH THE BOTTOM EDGE OF THE UC TRANSITION RING. FROM THE INSIDE OF THE PULPER, CUT A HOLE IN THE GASKET USING THE TRANSITION RING AS A GUIDE (ROUGHLY 17-1/8"). ELEVATE THE PULPER THE REMAINDER OF THE WAY SINKING THE TRANSITION RING INTO THE HOLE IN THE GASKET. AS THE PULPER IS ELEVATED, PULPER THROUGH CONNECTION AND TABLE TROUGH FLANGE MUST BE ALIGNED.

WPS-1200 UNDERCOUNTER MOUNTING DETAIL

WPS-1200 WASTE PRO WASTE EQUIPMENT SYSTEM



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Benefits of Waste Equipment

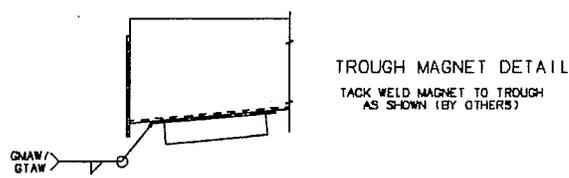
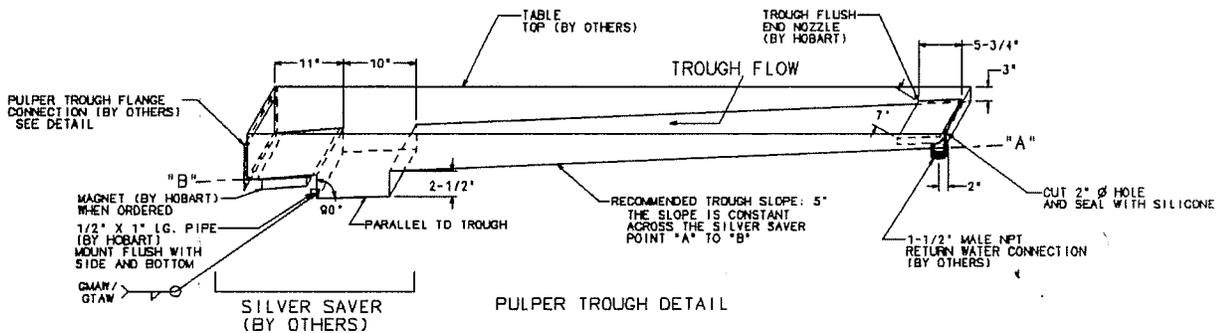
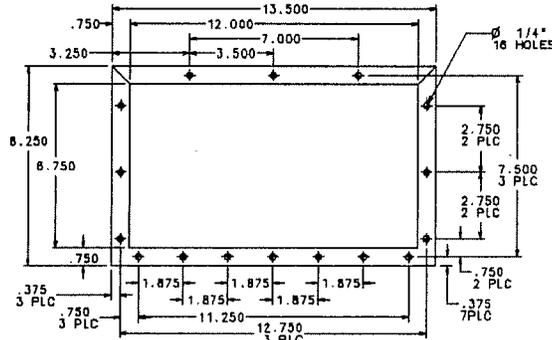
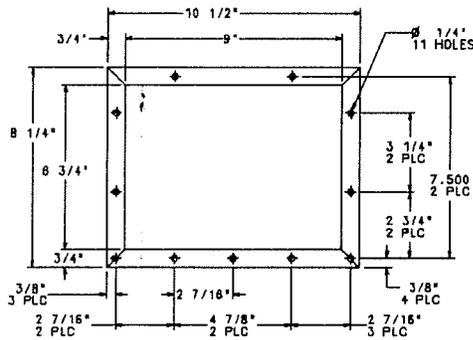
- Up to 88% reduction of waste volume.
- Savings on water usage.
- Reduced sewer costs.
- Labor Savings:
 - Reduction in man hours to haul waste to pick-up area.
 - Eliminates the need to sort paper from food waste.

– Dishwashing labor reduced by speeding up the scrapping operation.

- Reduction in solids discharged to sewer lines as compared to a food waste disposer.

* Based on foodservice waste mix of 41% food soil, 32% free liquid, 10% paper, 11% cardboard, 2.2% polystyrene, 1% film, 1% miscellaneous, 1% polypropylene (e.g. straws). Always consult your local Hobart representative to review and verify the content of your waste mix.

TABLE TROUGH CONNECTION FLANGES



As continued product improvement is a policy of Hobart, specifications are subject to change without notice.

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DISHWASHER****HOBART****STANDARD FEATURES**

- 342 racks per hour
- Opti-RinSe™ system
- Insulated hinged double doors with door interlock switches
- 19.5 inch chamber height opening
- Top mounted micro-processor control module
- Energy saver mode
- Dirty water indicator
- Low temperature alert
- NSF rated configurable Pot and Pan dwell mode
- Configurable "intelligent" delime alert, determined by water hardness at installation
- Service diagnostics
- NAFEM Data Protocol compliant
- Computational fluid dynamic designed self-aligning wash manifolds
- Stainless steel debossed anti-clogging wash arms
- Removable integrated pump intake screen
- Stainless steel self-draining pumps and impellers
- Single, sloping scrap screen and deep basket
- Stainless panels enclose perimeter and bottom
- Door actuated drain closure
- Single point electrical connection (three phase only), does not include the booster heater
- Convertible hot water or low temp final rinse
- Vent fan and booster heater control

DIRECTION OF OPERATION

- Right to Left
- Left to Right

VOLTAGE

- 208/60/1 240/60/1 380/60/3
- 208/60/3 240/60/3 480/60/3
- 600/60/3

MODEL

- CLPS86eN-BAS – Dishwasher

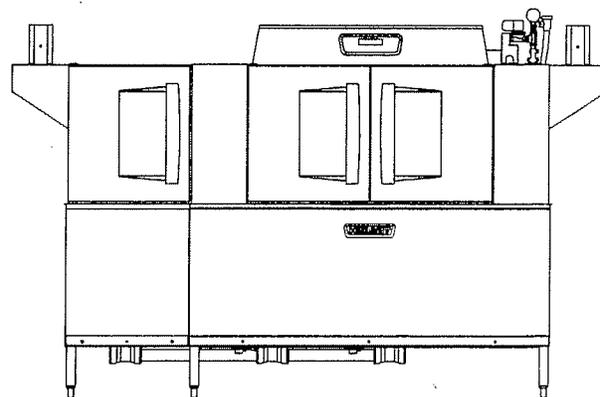
OPTIONS AT EXTRA COST

- Stainless steel pressure-less 15/30 KW booster heater
- Higher than standard chamber (24" opening)

ACCESSORIES

- Stainless steel vent hoods
- Direct drive unloader
- Side loader
- Blower-dryer
- Drain water tempering kit (Drain water tempering kit comes standard on the DWER or advansys models)
- Flanged feet kit (requires three kits)

Specifications, Details and Dimensions on Inside and Back.



Shown with optional vent hoods

CLPS86eN-BAS DISHWASHER

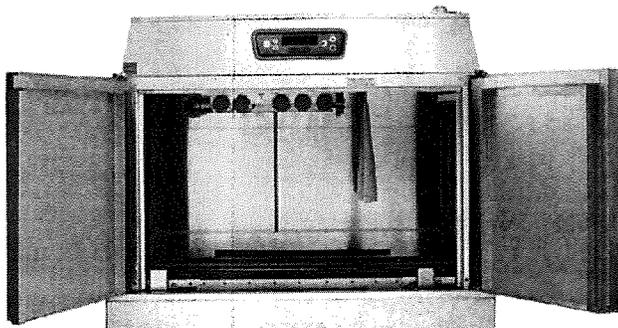
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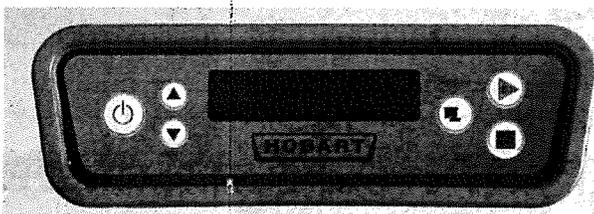
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THE CL_eN SERIES WAREWASHER IS NOW STANDARD WITH MORE EFFICIENT FEATURES THAN EVER . . .

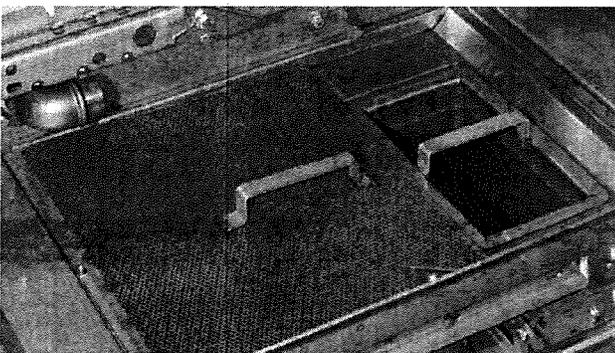
Inside and out the CL_eN warewashers by Hobart are packed with standard components and patented design innovations that make them the biggest value in the dishwasher industry.



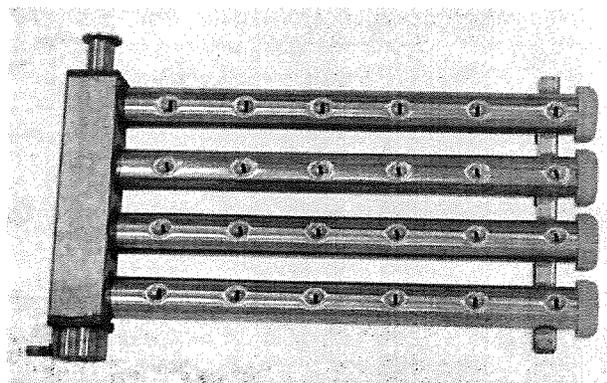
The insulated hinged inspection doors provide easy access in the chamber. Exterior wash pipes and reduced interior baffles reduce clean-up time. The Rapid Return drive allows for a wide separation between the wash and the rinse zone.



New, Improved Control Module. The Hobart exclusive microprocessor control module offers a choice of many features, such as an exclusive Energy Saver Mode, NSF rated configurable Pot and Pan dwell mode, Low Temperature Alerts and Dirty Water Indicator. It also displays pertinent machine status and has a configurable "intelligent" delime notification. The controls have built-in Service Diagnostics and are NAFEM Data Protocol Compliant.



Soil Management System. Screen design sheds soil more easily than flat screens, reduces frequency of cleaning — easy to empty large soil particles . . . Just lift out the scrap basket.



Computational Fluid Dynamic designed wash manifolds are self-aligning and come with Hobart's signature debossed anti-clogging nozzles for superior result.



Opti-RinSe™. Hobart's exclusive Opti-RinSe™ significantly reduces operating cost by reducing rinse water and the energy required to heat the water. The unique spray pattern uses large droplets to more efficiently sanitize the ware.

OTHER STANDARD FEATURES . . .

- **Thermal Layer Curtains** help keep the heat inside the machine.
- **Ball Detent Clutch Conveyor Drive** for maximum protection against conveyor jams
- **Integrated Removable Pump Intake Screen** to offer the ultimate guard of keeping debris from entering the pump.
- **Hinged Door Seals** and stainless steel labyrinth seal for drip-free operation
- **Low-Temp Convertibility In Field.** All machines shipped hot. Change software in field at set up to low temperature if desired — then, if requirements change, convert from one mode to the other in the field. An exclusive feature — standard from Hobart.
- **Door Actuated Drain Closure.** Closing the door automatically actuates drain closure, eliminates extra manual steps, ensures that closure is in the correct position.

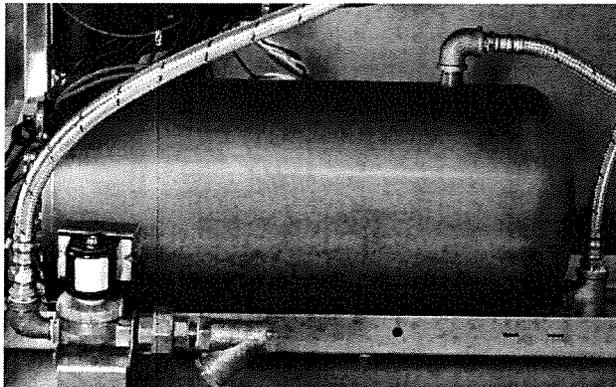
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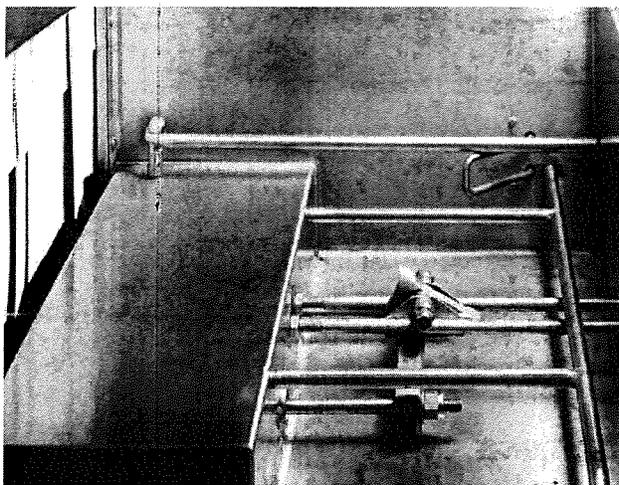
CLPS86eN-BAS DISHWASHER

AVAILABLE OPTIONS AND ACCESSORIES . . .

Flexibility is synonymous with Hobart CLeN dishwashers. If your operation demands a dishwasher with a vent hood, an extended hood . . . a power scrapper, just specify the combination of options that suit your needs.



Built-in Pressureless Stainless Steel Booster Heater. Interwired and interplumbed. Saves on installation and saves floor space. Simplifies operation with just one switch to power dishmachine and booster.



Side Loader. Save up to 20 square feet in the dishroom layout with an optional C-Line Side Loader. Racks are indexed 90° into the dishwasher automatically – a feature that cuts space and reduces labor dramatically. Your dishroom team will appreciate this feature.

OTHER AVAILABLE ACCESSORIES . . .

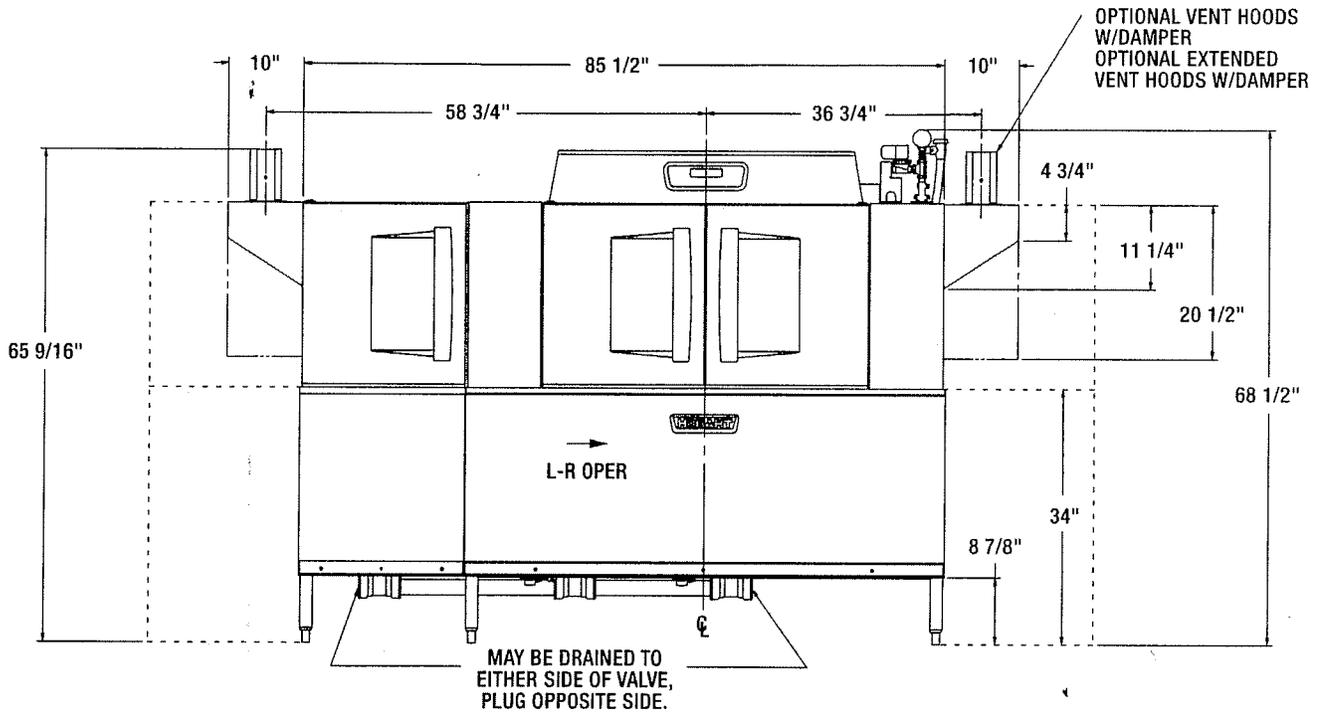
Blower-dryer; steam booster heater, and a single-point electrical connection to include electric booster heater.

	CLPS86eN
Machine Ratings (Mechanical) Racks per hour (19¼" x 19¼")	342
Conveyor Speed - feet per minute	9.5 max.
Dishes per Hour (Average 25 per rack)	8,550
Glasses per Hour (Average 45 per rack)	15,390
Floor Space – Table to Table (Inches)	86
Overall Dimensions – H x W x D (Inches)	68½ x 86¼ x 31¼
Motor H.P.	Power Scrapper 2 Wash 2 – Rinse 2
Conveyor Drive H.P.	¼
Number of Tanks	3
Tank Capacity – Gallons	Power Scrapper 23 Wash 23 – Rinse 22
Pump Capacity – Gallons per Minute - Weir Test	Combined 435
Heating Equipment – (For keeping wash/power rinse hot) Gas Burners (with Natural Gas/LP)	156,000 BTU per hr. (2 - 78,000)
Electric Heating Unit – Size Used	Regulated 25 KW (15-10)
Optional Booster Heater / Final Rinse	15 KW / 30 KW
Rinse – Minutes operated during hour of maximum operation	60
Final Rinse Flow – Gals. per min. At 15 PSI Flow Pressure	1.89
At 20 PSI Flow Pressure	2.2
Final Rinse Flow – Gals. per hr. – MAXIMUM At 15 PSI Flow Pressure	114
At 20 PSI Flow Pressure	132
Rinse 20 PSI Flow Pressure Gal./Rack	Hot Water Sanitizing - Chemical Sanitizing .39 - 180°F – .39 - 120°F
Steam Consumption – Pounds per hr. - MAXIMUM Approx. 30 lbs. per hr. = 1 boiler H.P. (BHP) Dishwasher, based on 20 PSI steam and on customer supplying final rinse water at 180°F maximum	130
Steam Booster, if used on 20 PSI steam - 20 PSI water flowing - 130°F entering water raised to 180°F min.	63
Exhaust Requirements – Cubic Feet per minute	
Entrance End	200
Discharge End	400
Peak Rate of Drain Flow – Gallons per minute. (Initial rate with full tank)	38
Shipping Weight Crated – Approximate lbs.	1130

CLPS86eN-BAS DISHWASHER

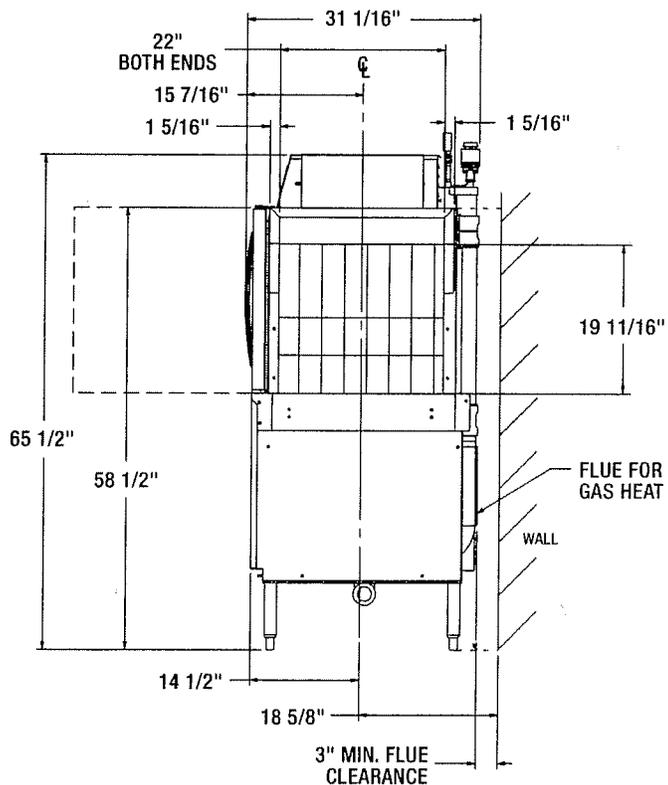


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BOOSTER HEAT 15 KW			
ELEC. SPECS.	RATED AMPS	MINIMUM SUPPLY CIRCUIT CONDUCTOR AMPACITY	MAXIMUM PROTECTIVE DEVICE
200-240/50/3	40.1	50	50
380-415/50/3	26.6	30	30
200/50/3	43.3	60	60
208-240/60/3	40.1	50	50
208/60/3	45.0	60	60
240/60/3	40.1	50	50
380/60/3	21.3	30	30
380-415/60/3	23.2	30	30
480/60/3	20.0	25	25
600/60/3	13.5	20	20

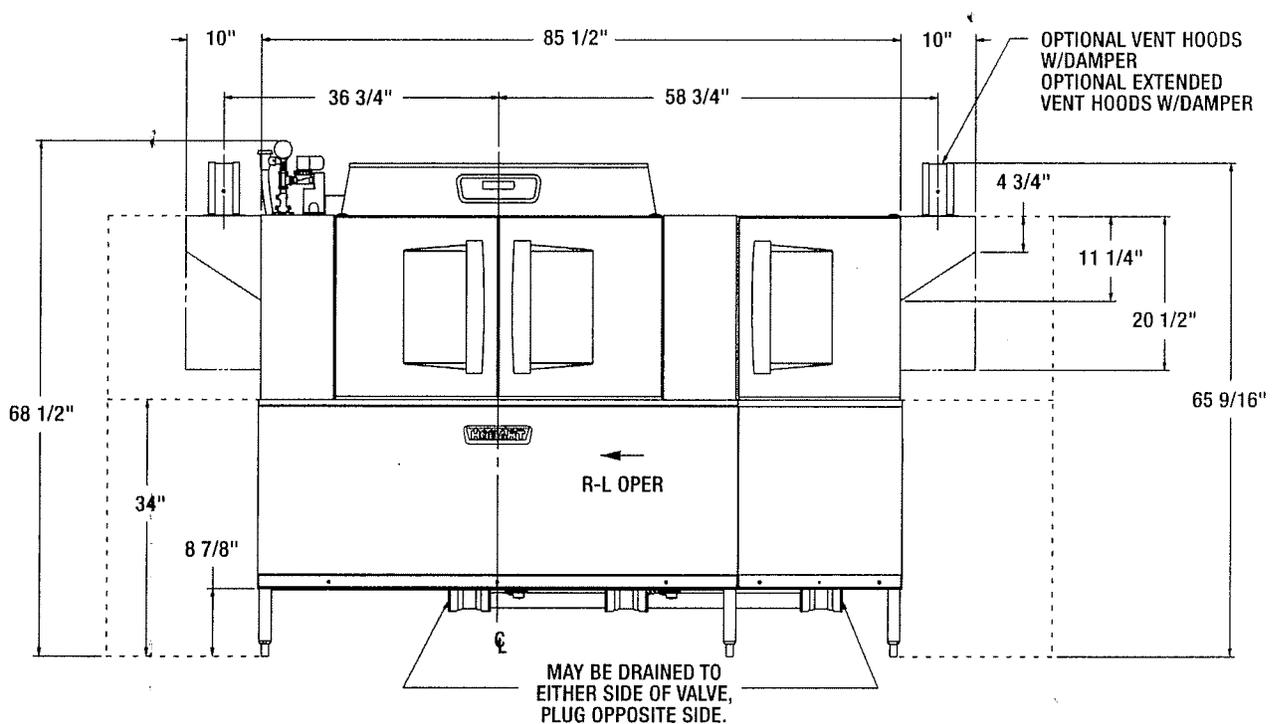
BOOSTER HEAT 30 KW			
ELEC. SPECS.	RATED AMPS	MINIMUM SUPPLY CIRCUIT CONDUCTOR AMPACITY	MAXIMUM PROTECTIVE DEVICE
200-240/50/3	80.2	90	90
380-415/50/3	53.2	60	60
200/50/3	80.8	90	90
208-240/60/3	80.2	90	90
208/60/3	83.9	90	90
240/60/3	80.2	90	90
380/60/3	42.5	60	60
380-415/60/3	46.4	60	60
480/60/3	40.1	50	50
600/60/3	33.7	40	40





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CLPS86eN-BAS DISHWASHER

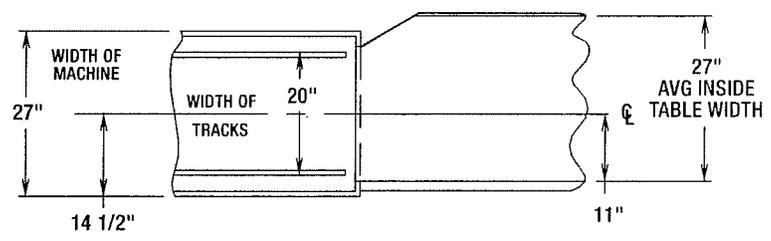


WARNING

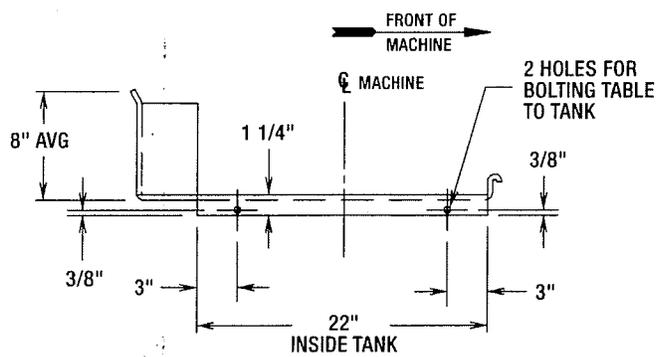
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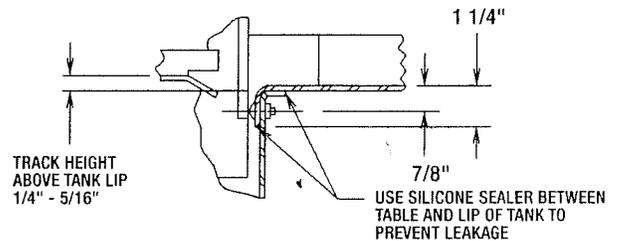
CAUTION: CERTAIN MATERIALS INCLUDING SILVER, ALUMINUM, AND PEWTER ARE ATTACKED BY SODIUM HYPOCHLORITE (LIQUID BLEACH).



SUGGESTED TRACK AND TABLE LAYOUT



VIEW SHOWING HOLE LOCATIONS IN TURNED DOWN PORTION OF TABLE



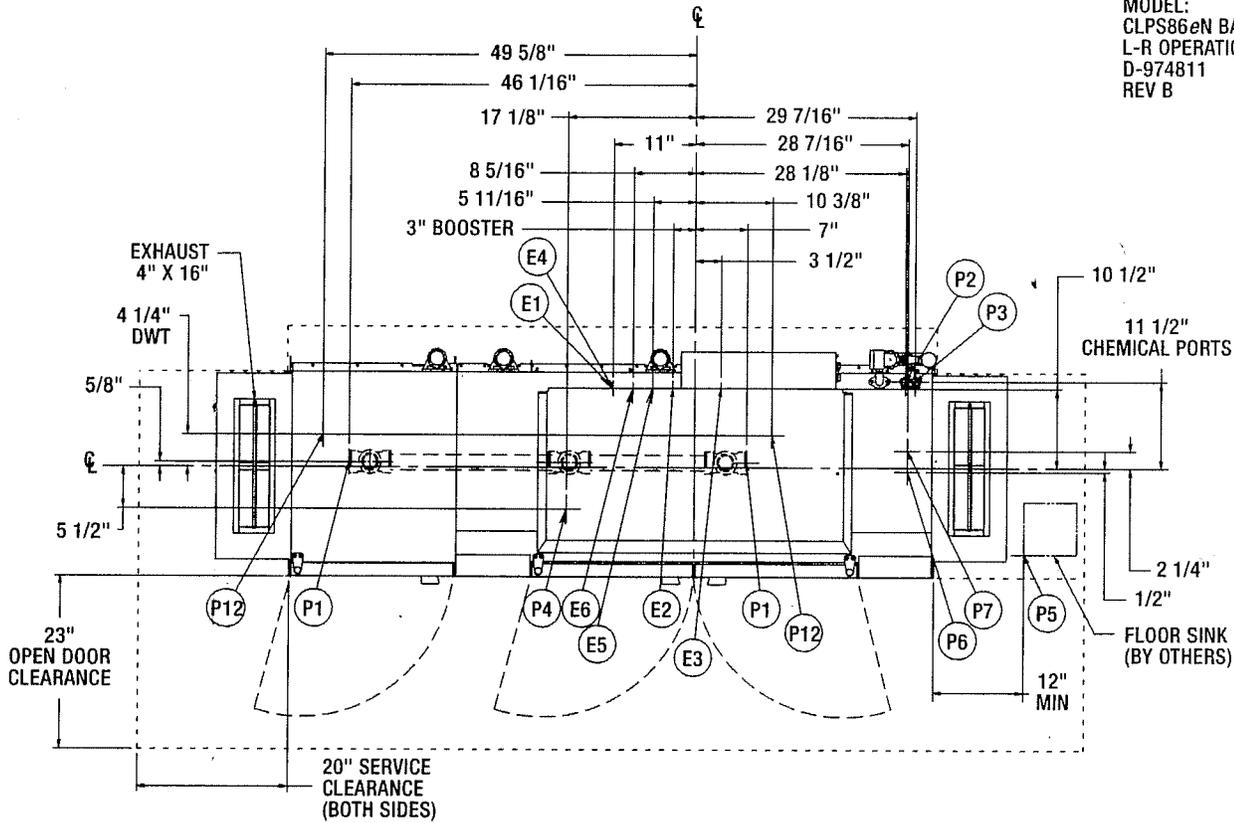
SECTIONAL VIEW SHOWING TABLE CONNECTIONS

CLPS86eN-BAS ELECTRIC L-R

HOBART

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MODEL:
CLPS86eN BASE
L-R OPERATION
D-974811
REV B



OPTIONAL DRAIN WATER TEMPERING

P12 COLD WATER CONNECTION: 1/2" FPT,
COLD TEMP 80°F MAX 7-3/8" AFF.

SEPARATE SERVICE CONNECTION FOR MOTORS ON ELEC. HEAT

MOTORS: 1/6 HP CONVEYOR
2 HP WASH

VOLTAGE	RATED AMPS	MINIMUM SUPPLY CIRCUIT CONDUCTOR AMPACITY	MAXIMUM PROTECTIVE DEVICE
208/60/3	21.2	30	30
240/60/3	20.5	30	30
480/60/3	11.8	15	15
200/50/3	22.6	30	30
380/60/3	14.1	20	20
380-415/50/3	13.2	20	20
600/60/3	10.5	15	15
208/60/1	37.9	50	50
240/60/1	36.9	50	50

ELECTRICAL CONNECTIONS

CONNECTION INFORMATION
(AFF = ABOVE FINISHED FLOOR)

LEGEND

ELECTRIC, STEAM, AND GAS HEATS

- E1 ELECTRIC CONNECTION: SINGLE POINT, ELEC, GAS, & STEAM, 1-1/4" CONDUIT HOLE OR 2" CONDUIT, 63-3/4" AFF
- E2 ELECTRIC CONNECTION: BOOSTER. 15KW/30KW, 1-1/4" CONDUIT HOLE OR 2" CONDUIT HOLE, 63-3/4" AFF
- E3 ELECTRIC CONNECTION: DETERGENT, SANITIZER (LOW TEMP ONLY) AND RINSE FEEDERS. 1/2" CONDUIT. 64-1/4" AFF

ELECTRIC HEAT ONLY

SINGLE PHASE OR FIELD CONFIGURED 3 PHASE SEPARATE ELECTRIC CONNECTION

- E4 ELECTRIC CONNECTION: MOTORS AND CONTROLS 1-1/4" CONDUIT. 63-3/4" AFF.
- E5 ELECTRIC HEAT: 15,000 WATTS, WASH TANK. 1" CONDUIT HOLE, 63-3/4" AFF.
- E6 ELECTRIC HEAT: 10,000 WATTS, RINSE TANK. 1" CONDUIT HOLE, 63-3/4" AFF.

PLUMBING CONNECTIONS

CONNECTION INFORMATION
(AFF = ABOVE FINISHED FLOOR)

LEGEND

ELECTRIC, STEAM, AND GAS HEATS

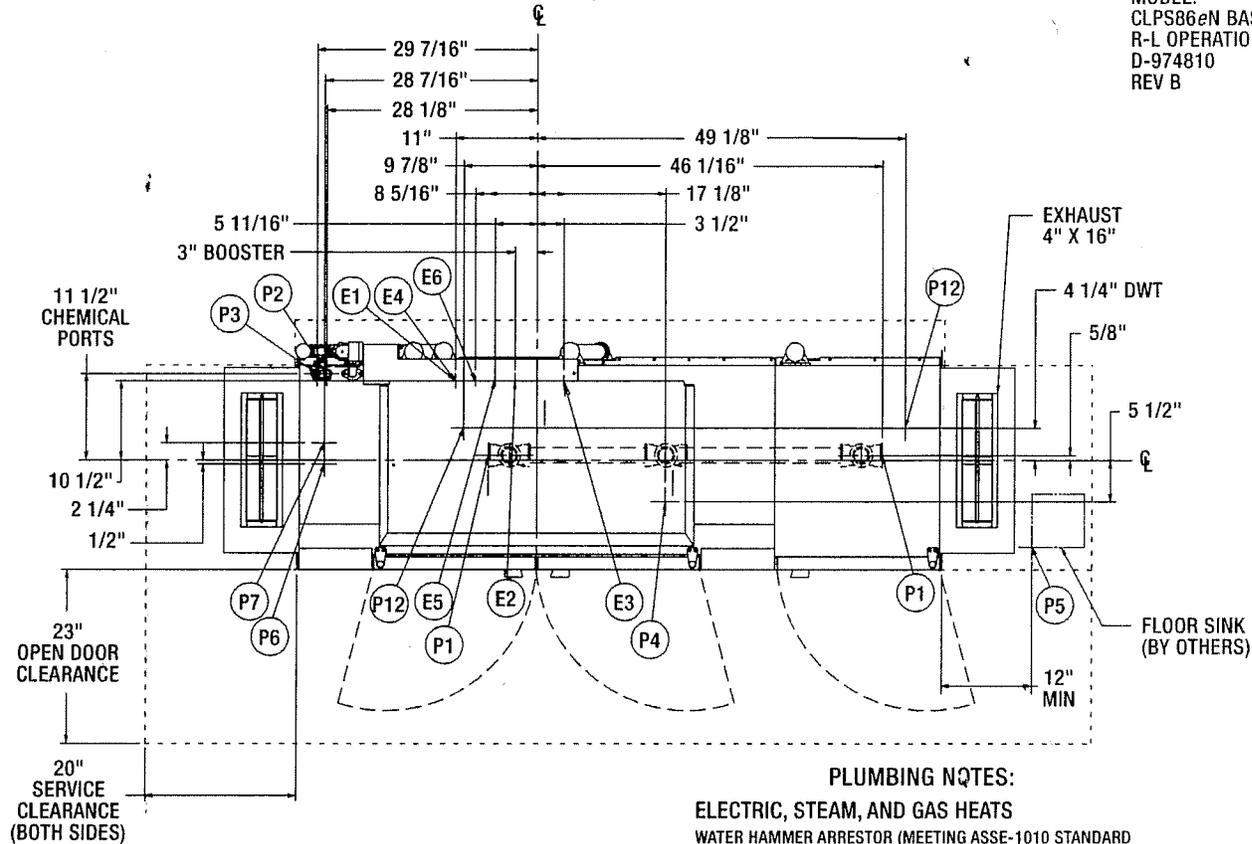
- P1 DRAIN: 2" FPT, 7-3/8" AFF TWO POSSIBLE CONNECTIONS; MAY BE DRAINED TO EITHER SIDE OF VALVE, PLUG OPPOSITE SIDE.
- P2 SANITIZER FEEDER: REMOVE 1/8" NPT PIPE PLUG TO ACCESS TAPPED HOLE. 1/8" NPT 59-1/2" AFF (LOW TEMP ONLY)
- P3 RINSE FEEDER: REMOVE 1/8" NPT PIPE PLUG TO ACCESS TAPPED HOLE. 1/8" NPT 59-9/16" AFF.
- P4 DETERGENT PROBE SENSOR: REMOVE CAP AND STUD ASSEMBLY TO ACCESS 7/8" DIA HOLE (WASH TANK ONLY). 14-5/8" AFF.
- P5 INDIRECT DRAIN-FLOOR SINK: BY OTHERS, 0" AFF. WHEN REQUIRED, INSTALL FLOOR SINK OUTSIDE THE PERIMETER OF THE DISHWASHER.
- P6 COMMON WATER CONNECTION: 1/2" FPT, 11-3/16" AFF. HIGH TEMP. W/O BOOSTER 180°F MIN. 194°F MAX. LOW TEMP. 120°F MIN.
- P7 COMMON WATER CONNECTION: 1/2" FPT, 11-3/16" AFF. HIGH TEMP. W/15K BOOSTER 140°F MIN. HIGH TEMP. W/30K BOOSTER 110°F MIN.



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CLPS86eN-BAS ELECTRIC R-L

MODEL:
CLPS86eN BASE
R-L OPERATION
D-974810
REV B



PLUMBING NOTES:

ELECTRIC, STEAM, AND GAS HEATS
 WATER HAMMER ARRESTOR (MEETING ASSE-1010 STANDARD OR EQUIVALENT) TO BE SUPPLIED (BY OTHERS) IN COMMON WATER SUPPLY LINE AT SERVICE CONNECTION.
 RECOMMENDED WATER HARDNESS TO BE 3 GRAINS OR LESS FOR BEST RESULTS.
 FOR NON-BOOSTER MACHINE (P6 CONN): RECOMMENDED BUILDING FLOWING WATER PRESSURE TO THE DISHWASHER IS 20 PSI, (15 PSI MIN - 25 PSI MAX). IF PRESSURES HIGHER THAN 25 PSI ARE PRESENT, A PRESSURE REGULATING VALVE WITH INTERNAL THERMAL EXPANSION BY-PASS MUST BE SUPPLIED (BY OTHERS) IN THE WATER LINE TO THE DISHWASHER.
 FOR CONVENIENCE WHEN CLEANING, WATER TAP SHOULD BE INSTALLED NEAR MACHINE WITH HEAVY DUTY HOSE AND SQUEEZE VALVE.
 WHEN USED, CHEMICAL SANITIZING FEEDER MUST BE CERTIFIED TO NSF STANDARD 29.

MISCELLANEOUS NOTES:

OPTIONAL VENT HOODS OR EXTENDED HOODS EXHAUST REQUIREMENTS: 200 CFM ENTRANCE END
 400 CFM EXIT END.
 ALL DIMENSIONS TAKEN FROM FLOOR LINE MAY BE INCREASED APPROXIMATELY 3/4\"/>

SINGLE POINT ELECTRICAL CONNECTION (3 PH ONLY) MOTORS AND ELECTRIC TANK HEAT

VOLTAGE	RATED AMPS	MINIMUM SUPPLY CIRCUIT CONDUCTOR AMPACITY	MAXIMUM PROTECTIVE DEVICE
208/60/3	96.2	125	125
240/60/3	92	125	125
480/60/3	47.6	60	60
200/50/3	94.8	125	125
380/60/3	52.1	70	70
380-415/50/3	54.6	70	70
600/60/3	34.5	50	50

SEPARATE SERVICE CONNECTION FOR ELEC. HEAT

ELEC. HEAT 15 KW (WASH)			
VOLTAGE	RATED AMPS	MINIMUM SUPPLY CIRCUIT CONDUCTOR AMPACITY	MAXIMUM PROTECTIVE DEVICE
208/60/3	45	60	60
240/60/3	43	60	60
480/60/3	22	30	30
200/50/3	43	60	60
380/60/3	23	30	30
380-415/50/3	29	40	40
600/60/3	14.4	20	20
208/60/1	78	100	100
240/60/1	74.4	100	100

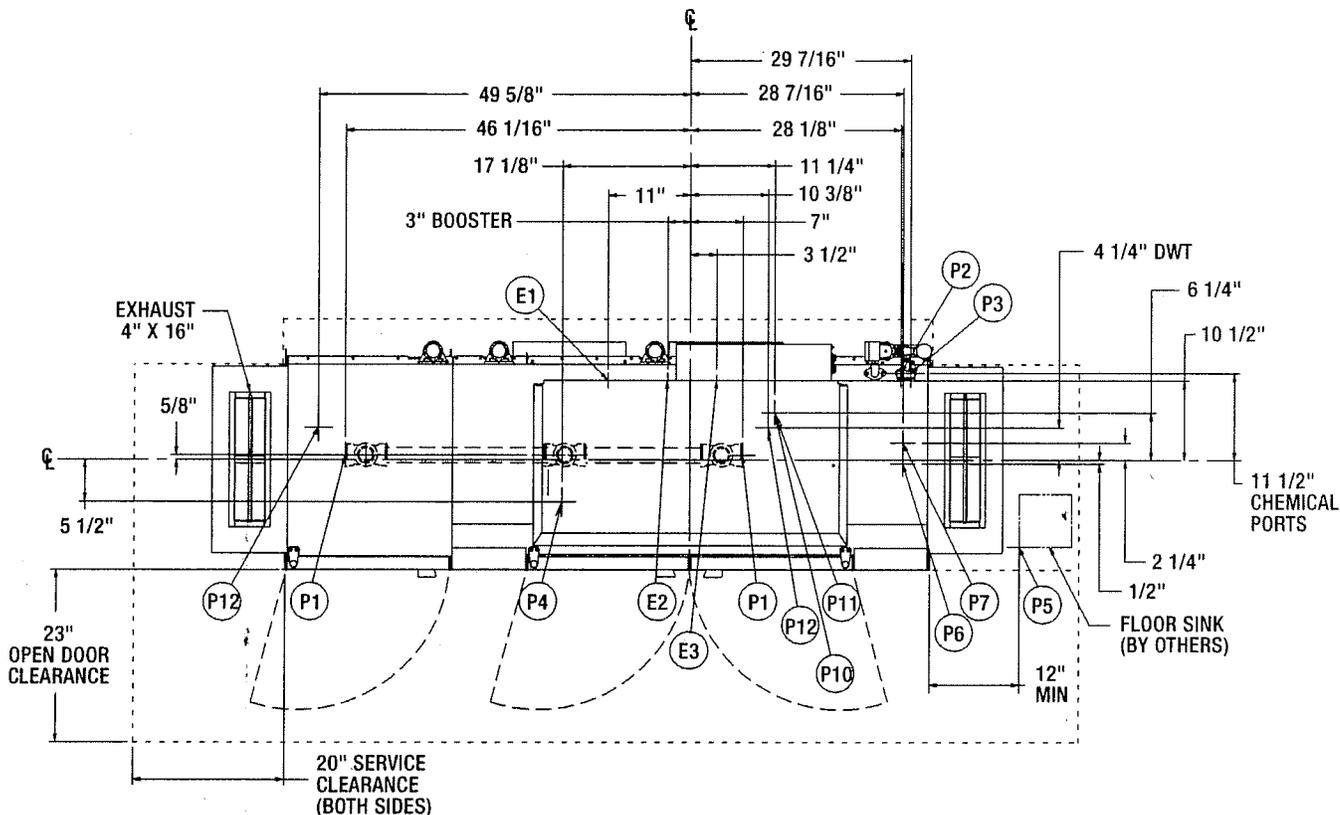
SEPARATE SERVICE CONNECTION FOR ELEC. HEAT

ELEC. HEAT 10 KW (RINSE)			
VOLTAGE	RATED AMPS	MINIMUM SUPPLY CIRCUIT CONDUCTOR AMPACITY	MAXIMUM PROTECTIVE DEVICE
208/60/3	30	40	40
240/60/3	28.6	40	40
480/60/3	14.3	20	20
200/50/3	28.9	40	40
380/60/3	15.2	20	20
380-415/50/3	16.6	25	25
600/60/3	9.6	15	15
208/60/1	52	70	70
240/60/1	49.6	70	70

CLPS86eN-BAS GAS L-R



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MISCELLANEOUS NOTES:

OPTIONAL VENT HOODS OR EXTENDED HOODS EXHAUST REQUIREMENTS: 200 CFM ENTRANCE END
400 CFM EXIT END.

ALL DIMENSIONS TAKEN FROM FLOOR LINE MAY BE INCREASED APPROXIMATELY 3/4" OR DECREASED 1/2".

86" INSIDE TANK (AT TABLE CONNECTION)
85-25/32" TABLE TO TABLE.

NET WEIGHT OF MACHINE: 973 LBS (STD HEIGHT),
DOMESTIC SHIPPING WEIGHT: 1099 LBS (STD HEIGHT).

CLEN LATENT AND SENSIBLE HEAT DISSIPATION INFORMATION ON F40459.

**SERVICE CONNECTION
FOR MOTORS AND CONTROLS**

MOTORS: 1/6 HP CONVEYOR 2 HP WASH			
VOLTAGE	RATED AMPS	MINIMUM SUPPLY CIRCUIT CONDUCTOR AMPACITY	MAXIMUM PROTECTIVE DEVICE
208-240/60/3	24.1	35	35
380/60/3	15.7	20	20
480/60/3	13.1	20	20
600/60/3	11.5	15	15
208-240/60/1	41	60	60

PLUMBING NOTES:

ELECTRIC, STEAM, AND GAS HEATS

WATER HAMMER ARRESTOR (MEETING ASSE-1010 STANDARD OR EQUIVALENT) TO BE SUPPLIED (BY OTHERS) IN COMMON WATER SUPPLY LINE AT SERVICE CONNECTION.

RECOMMENDED WATER HARDNESS TO BE 3 GRAINS OR LESS FOR BEST RESULTS.

FOR NON-BOOSTER MACHINE (P6 CONN):

RECOMMENDED BUILDING FLOWING WATER PRESSURE TO THE DISHWASHER IS 20 PSI, (15 PSI MIN - 25 PSI MAX).

IF PRESSURES HIGHER THAN 25 PSI ARE PRESENT, A PRESSURE REGULATING VALVE WITH INTERNAL THERMAL EXPANSION BY-PASS MUST BE SUPPLIED (BY OTHERS) IN THE WATER LINE TO THE DISHWASHER.

FOR CONVENIENCE WHEN CLEANING, WATER TAP SHOULD BE INSTALLED NEAR MACHINE WITH HEAVY DUTY HOSE AND SQUEEZE VALVE.

WHEN USED, CHEMICAL SANITIZING FEEDER MUST BE CERTIFIED TO NSF STANDARD 29.

GAS HEAT ONLY

FOR NATURAL GAS, PRESSURE TO THE BURNER (CUSTOMER CONNECTION) SHOULD BE 3.5" MIN, 7" MAX W.C.

FOR LP GAS, PRESSURE TO THE BURNER (CUSTOMER CONNECTION) SHOULD BE 8" MIN, 11" MAX. W.C.

IF GAS PRESSURE IS HIGHER THAN 7"(NAT) OR 11"(LP) W.C., A PRESSURE REGULATING VALVE MUST BE INSTALLED (BY OTHERS) IN THE GAS LINE TO THE DISHWASHER.

GAS HEAT (NATURAL OR LP) BTU/HR INPUT - 78,000.

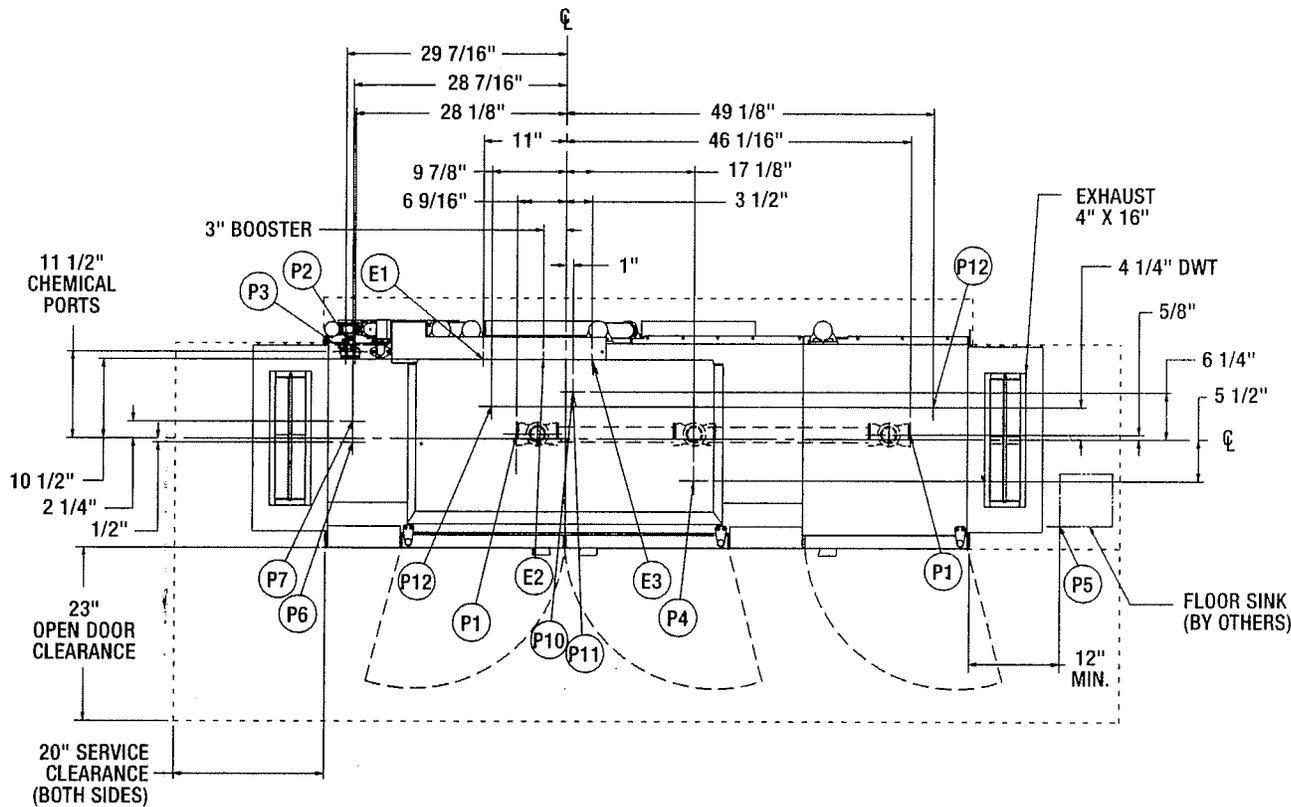
GAS EXHAUST VENTING MUST BE INSTALLED ACCORDING TO LOCAL CODE. DO NOT CONNECT FLUE TO POWER VENT. SEE INSTALLATION MANUAL FOR GAS VENTING.



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CLPS86eN-BAS

GAS R-L



PLUMBING CONNECTIONS
CONNECTION INFORMATION
(AFF = ABOVE FINISHED FLOOR)

LEGEND

ELECTRIC, STEAM, AND GAS HEATS

ELECTRICAL CONNECTIONS
CONNECTION INFORMATION
(AFF = ABOVE FINISHED FLOOR)

LEGEND

ELECTRIC, STEAM, AND GAS HEATS

- E1 ELECTRIC CONNECTION: SINGLE POINT, ELEC. GAS, & STEAM, 1-1/4" CONDUIT HOLE OR 2" CONDUIT, 63-3/4" AFF
- E2 ELECTRIC CONNECTION: BOOSTER. 15KW/30KW, 1-1/4" CONDUIT HOLE OR 2" CONDUIT HOLE, 63-3/4" AFF
- E3 ELECTRIC CONNECTION: DETERGENT, SANITIZER (LOW TEMP ONLY) AND RINSE FEEDERS. 1/2" CONDUIT. 64-1/4" AFF

- P1 DRAIN: 2" FPT, 7-3/8" AFF TWO POSSIBLE CONNECTIONS; MAY BE DRAINED TO EITHER SIDE OF VALVE, PLUG OPPOSITE SIDE.
- P2 SANITIZER FEEDER: REMOVE 1/8" NPT PIPE PLUG TO ACCESS TAPPED HOLE. 1/8" NPT 59-1/2" AFF (LOW TEMP ONLY)
- P3 RINSE FEEDER: REMOVE 1/8" NPT PIPE PLUG TO ACCESS TAPPED HOLE. 1/8" NPT 59-9/16" AFF.
- P4 DETERGENT PROBE SENSOR: REMOVE CAP AND STUD ASSEMBLY TO ACCESS 7/8" DIA HOLE (WASH TANK ONLY). 14-5/8" AFF.
- P5 INDIRECT DRAIN-FLOOR SINK: BY OTHERS, 0" AFF. WHEN REQUIRED, INSTALL FLOOR SINK OUTSIDE THE PERIMETER OF THE DISHWASHER.
- P6 COMMON WATER CONNECTION: 1/2" FPT, 11-3/16" AFF. HIGH TEMP. W/O BOOSTER 180°F MIN. 194°F MAX. LOW TEMP. 120°F MIN.
- P7 COMMON WATER CONNECTION: 1/2" FPT, 11-3/16" AFF. HIGH TEMP. W/15K BOOSTER 140°F MIN. HIGH TEMP. W/30K BOOSTER 110°F MIN.

OPTIONAL DRAIN WATER TEMPERING

- P12 COLD WATER CONNECTION: 1/2" FPT, COLD TEMP 80°F MAX 7-3/8" AFF.

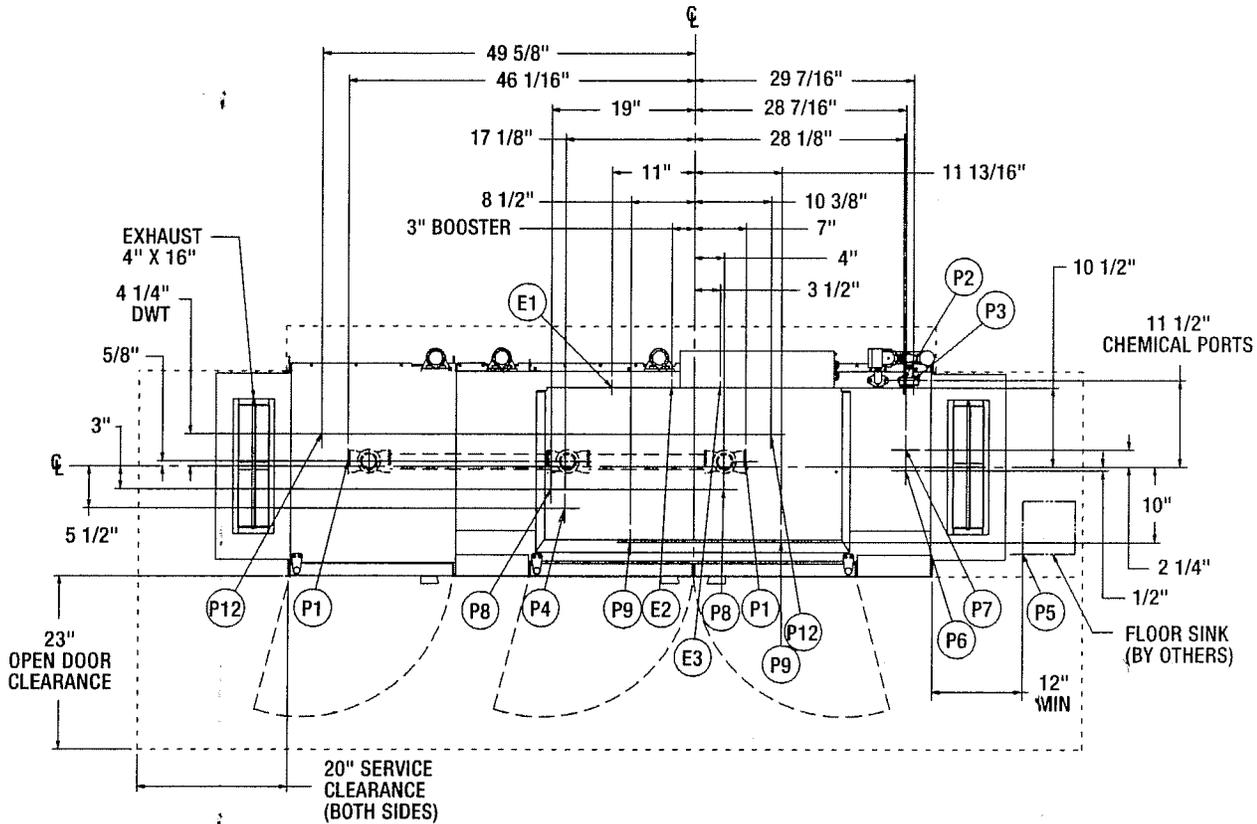
GAS HEAT ONLY

- P10 GAS CONNECTION - NAT., 3/4" FPT, 8-5/16" AFF; 3.5" MIN, 7" MAX W.C. INCOMING.
- P11 GAS CONNECTION - L.P., 3/4" FPT, 8-5/16" AFF; 8" MIN, 11" MAX W.C. INCOMING.

CLPS86eN-BAS STEAM L-R



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MISCELLANEOUS NOTES:

OPTIONAL VENT HOODS OR EXTENDED HOODS EXHAUST REQUIREMENTS: 200 CFM ENTRANCE END 400 CFM EXIT END.

ALL DIMENSIONS TAKEN FROM FLOOR LINE MAY BE INCREASED APPROXIMATELY 3/4" OR DECREASED 1/2".

86" INSIDE TANK (AT TABLE CONNECTION)
85-25/32" TABLE TO TABLE.

NET WEIGHT OF MACHINE: 973 LBS (STD HEIGHT),
DOMESTIC SHIPPING WEIGHT: 1099 LBS (STD HEIGHT).

CLeN LATENT AND SENSIBLE HEAT DISSIPATION INFORMATION ON F40459.

SERVICE CONNECTION FOR MOTORS AND CONTROLS

MOTORS: 1/6 HP CONVEYOR 2 HP WASH			
VOLTAGE	RATED AMPS	MINIMUM SUPPLY CIRCUIT CONDUCTOR AMPACITY	MAXIMUM PROTECTIVE DEVICE
200-240/50/3	22.6	30	30
208-240/60/3	24.1	35	35
380-415/50/3	13.2	20	20
380/60/3	15.7	20	20
480/60/3	13.1	20	20
600/60/3	11.5	15	15
208-240/60/1	41	60	60

PLUMBING NOTES:

ELECTRIC, STEAM, AND GAS HEATS

WATER HAMMER ARRESTOR (MEETING ASSE-1010 STANDARD OR EQUIVALENT) TO BE SUPPLIED (BY OTHERS) IN COMMON WATER SUPPLY LINE AT SERVICE CONNECTION.

RECOMMENDED WATER HARDNESS TO BE 3 GRAINS OR LESS FOR BEST RESULTS.

FOR NON-BOOSTER MACHINE (P6 CONN):
RECOMMENDED BUILDING FLOWING WATER PRESSURE TO THE DISHWASHER IS 20 PSI, (15 PSI MIN - 25 PSI MAX).

IF PRESSURES HIGHER THAN 25 PSI ARE PRESENT, A PRESSURE REGULATING VALVE WITH INTERNAL THERMAL EXPANSION BY-PASS MUST BE SUPPLIED (BY OTHERS) IN THE WATER LINE TO THE DISHWASHER.

FOR CONVENIENCE WHEN CLEANING, WATER TAP SHOULD BE INSTALLED NEAR MACHINE WITH HEAVY DUTY HOSE AND SQUEEZE VALVE.

WHEN USED, CHEMICAL SANITIZING FEEDER MUST BE CERTIFIED TO NSF STANDARD 29.

STEAM HEAT ONLY

FLOWING STEAM PRESSURES ABOVE 50 PSI MUST HAVE A PRESSURE REGULATOR (BY OTHERS) INSTALLED IN THE STEAM LINE.

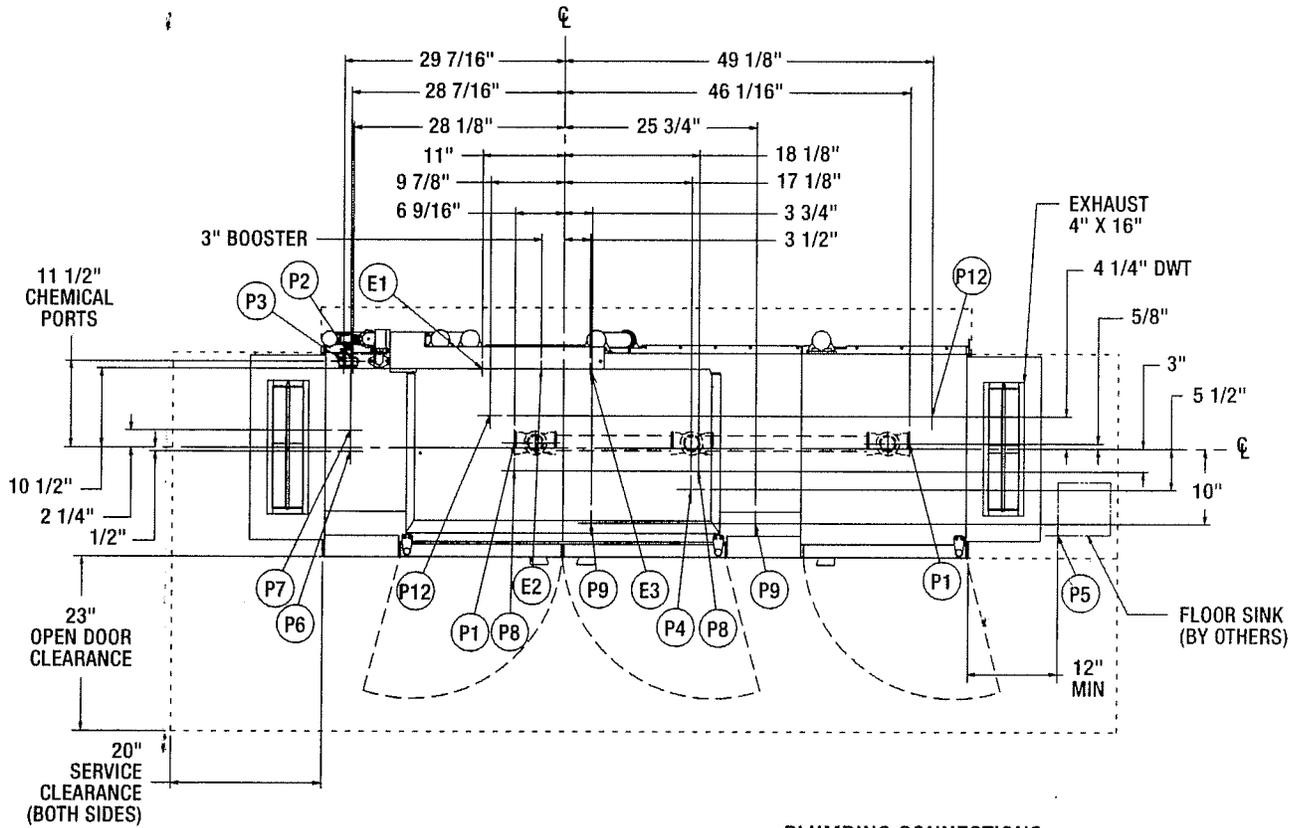
SHUT OFF VALVE MUST BE SUPPLIED (BY OTHERS) IN THE STEAM LINE TO THE DISHWASHER.



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CLPS86eN-BAS

STEAM R-L



PLUMBING CONNECTIONS
CONNECTION INFORMATION
(AFF = ABOVE FINISHED FLOOR)

LEGEND

ELECTRIC, STEAM, AND GAS HEATS

ELECTRICAL CONNECTIONS
CONNECTION INFORMATION
(AFF = ABOVE FINISHED FLOOR)

LEGEND

ELECTRIC, STEAM, AND GAS HEATS

- E1 ELECTRIC CONNECTION: SINGLE POINT, ELEC, GAS, & STEAM, 1-1/4" CONDUIT HOLE OR 2" CONDUIT, 63-3/4" AFF
- E2 ELECTRIC CONNECTION: BOOSTER, 15KW/30KW, 1-1/4" CONDUIT HOLE OR 2" CONDUIT HOLE, 63-3/4" AFF
- E3 ELECTRIC CONNECTION: DETERGENT, SANITIZER (LOW TEMP ONLY) AND RINSE FEEDERS. 1/2" CONDUIT. 64-1/4" AFF

- P1 DRAIN: 2" FPT, 7-3/8" AFF TWO POSSIBLE CONNECTIONS; MAY BE DRAINED TO EITHER SIDE OF VALVE, PLUG OPPOSITE SIDE.
- P2 SANITIZER FEEDER: REMOVE 1/8" NPT PIPE PLUG TO ACCESS TAPPED HOLE. 1/8" NPT 59-1/2" AFF (LOW TEMP ONLY)
- P3 RINSE FEEDER: REMOVE 1/8" NPT PIPE PLUG TO ACCESS TAPPED HOLE. 1/8" NPT 59-9/16" AFF.
- P4 DETERGENT PROBE SENSOR: REMOVE CAP AND STUD ASSEMBLY TO ACCESS 7/8" DIA HOLE (WASH TANK ONLY). 14-5/8" AFF.
- P5 INDIRECT DRAIN-FLOOR SINK: BY OTHERS, 0" AFF. WHEN REQUIRED, INSTALL FLOOR SINK OUTSIDE THE PERIMETER OF THE DISHWASHER.
- P6 COMMON WATER CONNECTION: 1/2" FPT, 11-3/16" AFF.
HIGH TEMP. W/O BOOSTER 180°F MIN.
194°F MAX.
- LOW TEMP. 120°F MIN.
- P7 COMMON WATER CONNECTION: 1/2" FPT, 11-3/16" AFF
HIGH TEMP. W/15K BOOSTER 140°F MIN.
HIGH TEMP. W/30K BOOSTER 110°F MIN.

STEAM HEAT ONLY

- P8 STEAM COILS: 10 TO 50 PSI FLOWING, 1" FPT, 6-5/8" AFF. ONE CONNECTION, TWO POSSIBLE LOCATIONS, PLUG OPPOSITE END.
- P9 CONDENSATE RETURN: A 10 PSI MINIMUM DIFFERENTIAL PRESSURE ACROSS THE STEAM TRAP MUST BE MAINTAINED. 3/4" FPT. 11-1/8" AFF TWO CONNECTION. (TWO BUCKET TYPE TRAP FURNISHED).

OPTIONAL DRAIN WATER TEMPERING

- P12 COLD WATER CONNECTION: 1/2" FPT, COLD TEMP 80°F MAX 7-3/8" AFF.

CLPS86eN-BAS DISHWASHER

HOBART

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SPECIFICATIONS: Meets requirements of ASSE Standard No. 1004.

DESIGN: Semi automatic, high or low temperature double-tank, rack-type dishwasher with flexible thermal layer curtains at the ends of chamber and between prewash, wash, rinse and final rinse zones. Insulated hinged inspection doors located in front of machine provide easy access to wash arms, rinse arms, strainer, strainer basket, and pump intake screen. Length of machine inside tank (at table connection) 86". Machine designed to clean and sanitize with hot water 150°F wash, 160 power rinse and 180°F (minimum) final rinse, or low temperature 130°F wash and 120°F final rinse and a chemical sanitizer. Water hardness recommended to be 3 gr. or less for best results. Automatic interlocks shut off pump and conveyor if door is opened when machine is in operation.

CONSTRUCTION: Tanks, chambers, frame, legs, control box, doors, and all panels are constructed of stainless steel.

PUMPS: Three recirculating stainless steel pumps and impellers with ceramic seat seals. Easily accessible pump assembly permits quick inspection. The pumps are self-draining. All piping distributing water to the upper and lower wash arms is stainless steel tubing.

PUMP MOTORS: Built for Hobart 2 hp grease-packed ball bearings, splash proof, ventilated with manual, resettable inherent overload protection. Available in electrical specifications of 208-240/60/1, 208-240/60/3, 480/60/3 and 600/60/3. Also available, but not submitted for UL listing are 200-240/50/3 and 380-415/50/3.

CONTROLS: A stainless steel control module with power and "start/stop" buttons is mounted on top of the machine. Machine control circuitry will be operated from a 120-volt control circuit transformer. Electrical components are completely wired with 105°C, 600V thermoplastic insulated wire with stranded conductors routed through UL listed electrical conduit or covered wire way.

CONVEYOR: The drive system is designed for more even throughput of racks and allows for a 18.75-inch separation between the wash and the rinse zone. Racks conveyed automatically through wash and rinse zones and onto clean dish table. Ball Detent Clutch drive prevents damage to machine or racks, should movement of racks be obstructed. Rack tracks, conveyor structure, and drive units of stainless steel for 19¼" x 19¼" racks as standard. Conveyor speed: 9.5 FPM.

DRIVE MOTOR: Built for Hobart, ½ horsepower gear motor, ventilated with manual, resettable inherent overload protection. Available in electrical specifications of 208-240/60/1, 208-240/60/3, 480/60/3 and 600/60/3. Also available, but not submitted for UL Listing are 200-240/50/3 and 380-415/50/3.

POWER SCRAPPER: CLPS86eN power scrapper is equipped with an upper and lower wash arm with specially shaped nozzles having large openings and arranged to effectively scrap all types of tableware. Power scrapper arms and end caps are easily removable for cleaning without use of tools. Removable perforated stainless steel strainer pans support a deep perforated stainless steel basket. Basket and strainer pans (3) can be removed without lower wash arm removal.

POWER WASH AND RINSE: Wash and rinse tanks are equipped with upper and lower stainless steel CFD Wash Arms which effectively direct water jets to all ware surfaces. Both upper and lower wash arms are self-aligning and have easily removable end caps for cleaning without use of tools. A removable perforated stainless steel strainer pan supports a deep perforated stainless steel basket.

FINAL RINSE: Final rinse flow rate: 2.2 gpm, .39 gpr, 133-gph. Stainless steel upper and lower Auto Position Rinse Arms™ have single rows of nozzles. Racks entering the rinse zone automati-

cally trigger rinse. Final rinse water line is equipped with a vacuum breaker downstream of an electrically operated solenoid valve in common piping system. Removable perforated stainless steel strainer basket can be removed without removing lower rinse arm. Rinse agent and Low Temp Final Rinse – Sanitizer agent (5.25% sodium hypochlorite – bleach) dispenser injection ports provided in final rinse piping above chamber. **Caution:** Certain materials, including silver, aluminum, and pewter are attacked by sodium hypochlorite (bleach) in the chemical sanitizing dishwasher mode of operation.

FILL: Fill water line is equipped with vacuum breaker on downstream side of electrically operated solenoid valve in common piping system, for automatic maintenance of tank level.

DRAIN AND OVERFLOW: Large bell-type automatic overflow and drain valve inside power scrapper tank controlled from inside of machine. Power scrapper overflows to drain. Wash tank drain controlled from inside of the machine overflows to power scrapper through large internally mounted stainless steel tubing. Drain seals are large diameter high temperature o-rings. Drain automatically seats by closing inspection doors. Common drain utilizes a removable large diameter stainless steel tube sealed by rubber o-rings at each drain housing. Drain housing can be plumbed from load or unload end of machine.

STANDARD EQUIPMENT: Digital display of power scrapper, wash and final rinse temperature. Positive low water protection for tank heat. Thermal Layered Curtains throughout machine are keyed to ensure proper placement. Drains are automatically closed when inspection doors are closed. Stainless steel adjustable feet. Bolted stainless steel enclosure panels around perimeter and underneath machine. Automatic tank fill. Door interlocks. Auto-timer. Vent fan and booster heater controls. Single point electrical connection. Low temperature alerts. Service diagnostics. Dirty water indicator. Configurable "intelligent" delime notification. NSF rated configurable Pot and Pan dwell mode. Energy Saver Mode. NAFEM Data Protocol compliant.

TANK HEATING SELECTIONS (must choose one):

ELECTRIC: Two electric Incoloy® sheathed immersion heaters (15 KW and 10KW). Tank water temperature is controlled by microprocessor controlled thermostat with positive low-water protection and magnetic contactor. (Disconnect switches not furnished.) A high limit device mounted on the surface of the tank additionally protects heating element.

STEAM: One-inch stainless steel steam coil. Tank water temperature controlled by microprocessor controlled thermostat with positive low-water protection. Steam supplied to machine through high temperature steam solenoid valve and line strainer.

GAS: Regulated infrared immersion tube gas burner system. Microprocessor controlled thermostat and a blower with a pressure switch control tank water temperature. Positive low water protection is provided. A high limit device mounted on the surface of the tube additionally protects immersion tube. A solid-state igniter board controls the gas valve and provides flame ignition. A transformer steps the control circuit voltage down from 120 volts to 24 volts to power the igniter board and gas valve. For natural gas, gas pressure to burner (customer connection) not to exceed 7" W.C. For LP gas, gas pressure to burner (customer connection) not to exceed 11" W.C. If gas pressure is higher than 7" W.C. natural or 11" W.C. LP pressure regulating valve must be supplied (by others) in the gas line to the dishwasher.

OPTIONAL EQUIPMENT AT EXTRA COST:

Stainless steel pressureless booster heater. Stainless steel vent hoods with vent stack and locking-type damper. Higher than standard chamber. Side loaders and unloaders. Floor mounted steam booster. 19¼" x 19¼" peg, combination and miscellaneous racks. Table limit switch. Drain water tempering kit.

As continued product improvement is a policy of Hobart, specifications are subject to change without notice.

HOBART701 S Ridge Avenue, Troy, OH 45374
1-888-4HOBART • www.hobartcorp.com**CL_e STEAM
BLOWER-DRYER ACCESSORY****HOBART****STANDARD FEATURES**

- Stainless steel 33" long chamber
- Positive forced circulation of high velocity heated air
- Fits CL_e models
- High velocity industrial type blower-dryer is quiet, giving truly high performance at a low sound level
- 2 H.P. blower
- 55 lbs. per hour steam consumption

DIRECTION OF OPERATION

- Right to Left
- Left to Right

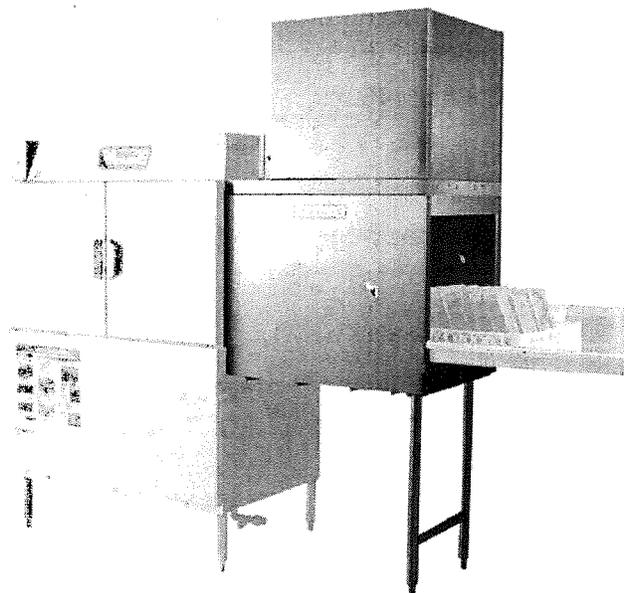
VOLTAGE

- 480/60/3
- 208-240/60/3

MODEL

- CL_e Steam Blower-Dryer

Specifications, Details and Dimensions on Inside and Back.

For use with
CL_e Series Dishwashers**CL_e STEAM BLOWER-DRYER ACCESSORY**

CL_e STEAM BLOWER-DRYER ACCESSORY L-R



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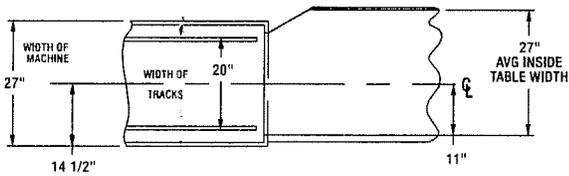
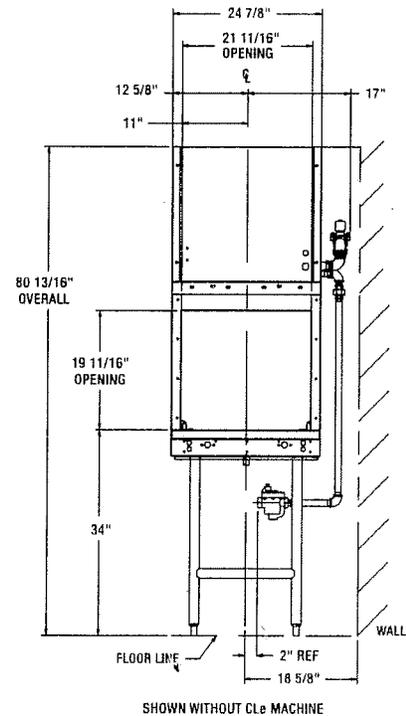
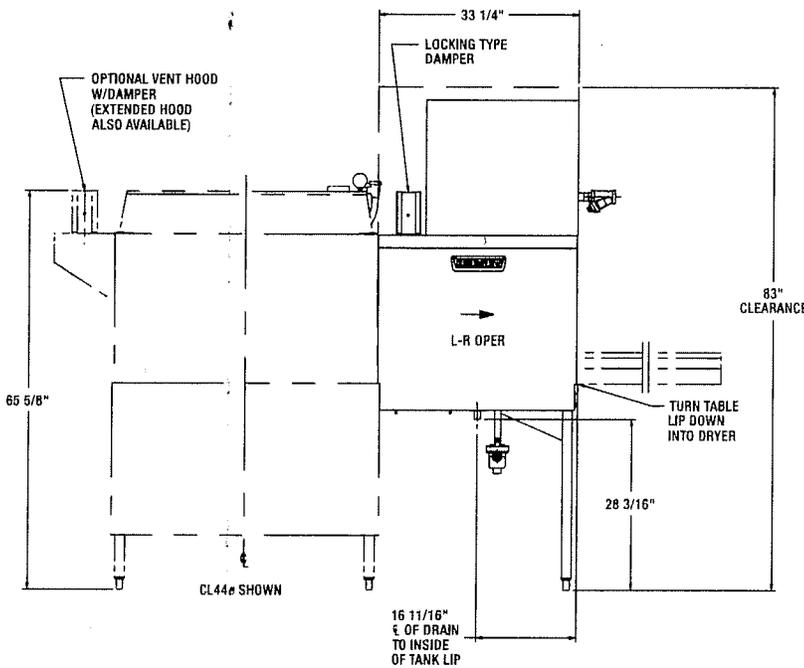
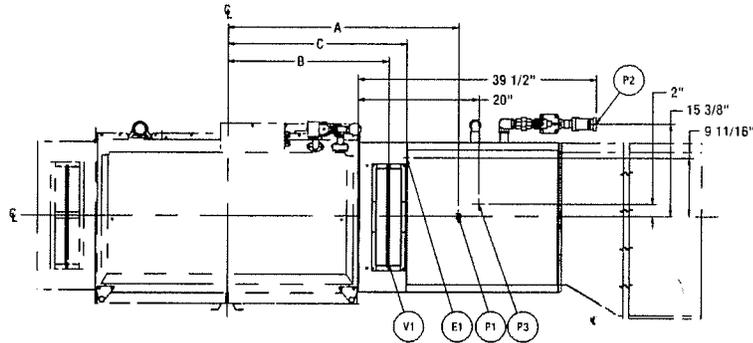
ELECTRICAL AND PLUMBING CONNECTIONS

CONNECTION INFORMATION
(AFF = ABOVE FINISHED FLOOR)

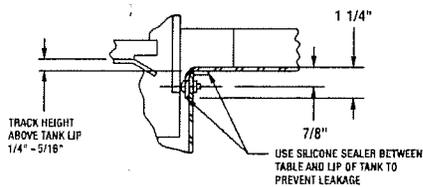
LEGEND

ELECTRIC AND STEAM HEATS

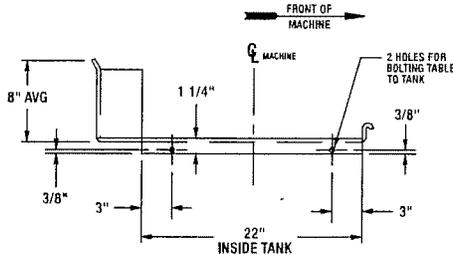
- E1 ELECTRIC CONNECTION: KNOCKOUT MADE BY CUSTOMER, 1-1/8" CONDUIT HOLE, 61" AFF
- P1 DRAIN CONNECTION IN DRYER TANK: 1" FPT.
- P2 STEAM SUPPLY CONNECTION: 1" FEMALE PIPE THREAD, 64-7/8" AFF.
- P3 STEAM CONDENSATE RETURN CONNECTION: 3/4" FEMALE PIPE THREAD. (BUCKET TYPE TRAPS FURNISHED), 22" AFF
- V1 VENT CONNECTION: (MUST FIT INSIDE) 4" X 16" VENT STACK, 400 C.F.M. EXHAUST



SUGGESTED TRACK AND TABLE LAYOUT



UNLOAD END



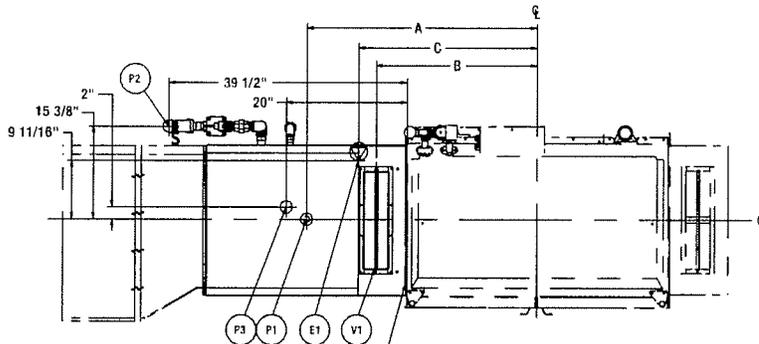
VIEW SHOWING HOLE LOCATIONS IN TURNED DOWN PORTION OF TABLE

MODEL: CL_e
BLOWER-DRYER
STEAM HEAT
L-R OPERATION
E-936796
REV C



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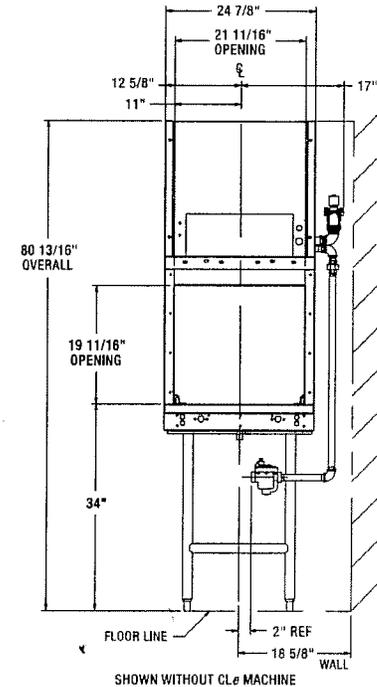
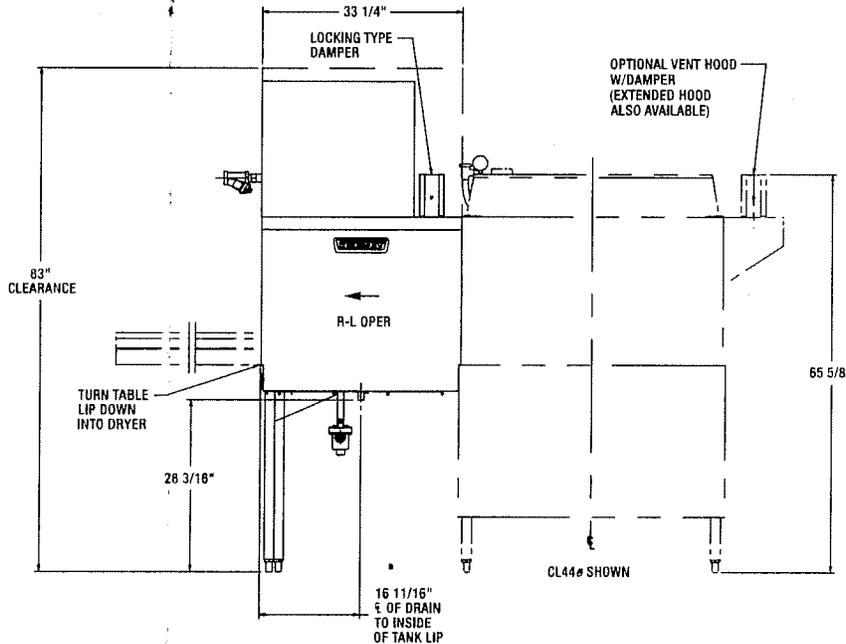
CL_e STEAM BLOWER-DRYER ACCESSORY R-L



DRYER CHAMBER TO BE BOLTED TO WASH CHAMBER WITH 1/4"-20 X 5/8" HEX HEAD STAINLESS STEEL SCREWS THRU (19) 11/32" DIA. MATCHING HOLES. USE FOAM TAPE (1" WIDE X .060 THICK) AS A GASKET TO SEAL THIS JOINT.

SINGLE POINT ELECTRICAL CONNECTION
BLOWER MOTOR & STEAM HEAT
(3 PH ONLY)

ELECTRICAL SPECS	RATED AMPS	MINIMUM SUPPLY CIRCUIT CONDUCTOR AMPACITY	MAXIMUM PROTECTIVE DEVICE
208/60/3	4.5	15	15
240/60/3	4.5	15	15
380/60/3	2.6	15	15
480/60/3	2.6	15	15
600/60/3	2.1	15	15
200/50/3	4.5	15	15
380-415/50/3	2.6	15	15



WARNING

ELECTRICAL AND GROUNDING CONNECTIONS MUST COMPLY WITH THE APPLICABLE PORTIONS OF THE NATIONAL ELECTRICAL CODE AND/OR OTHER LOCAL ELECTRICAL CODES.

ATTN: PLUMBING CONNECTIONS MUST COMPLY WITH APPLICABLE SANITARY, SAFETY, AND PLUMBING CODES.

MODEL	DIMENSION A	DIMENSION B	DIMENSION C
CL44 _e	38-7/16"	26-3/4"	29-13/16"
CLPS66 _e	38-7/16"	26-3/4"	29-13/16"
CLCS66 _e	38-7/16"	26-3/4"	29-13/16"
CL54 _e	48-3/16"	36-5/8"	39-9/16"
CLPS76 _e	48-3/16"	36-5/8"	39-9/16"
CLCS76 _e	48-3/16"	36-5/8"	39-9/16"
CL64 _e	48-7/16"	36-3/4"	39-13/16"
CLPS86 _e	48-7/16"	36-3/4"	39-13/16"
CLCS86 _e	48-7/16"	36-3/4"	39-13/16"

NOTES:

- ALL DIMENSIONS TAKEN FROM FLOOR LINE MAY BE INCREASED APPROX. 3/4" OR DECREASED 1/2".
- FOR DIMENSIONS OF DISHWASHER MACHINE NOT SHOWN, SEE INSTALLATION DWG OF MACHINE USED.
- BLOWER MOTOR CONTROLLER IS CONTROLLED FROM DISHWASHER MOTOR CONTROL BOX AND OPERATES WITH DISHWASHER PUMP MOTORS.
- REFER TO VENTS AND HOODS SPECIFICATION SHEETS (F-7841) FOR MACHINE EXHAUST REQUIREMENTS.

MODEL: CL_e
BLOWER-DRYER
STEAM HEAT
R-L OPERATION
E-936795
REV C

CL_e STEAM BLOWER-DRYER ACCESSORY

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DESIGN: To promote rapid drying of tableware and trays by forced circulation of high velocity heated air through the blower dryer.

Heavy-duty direct drive industrial fan blows room air through a steam coil and large area ducting. Heated air directed vertically downward to drying area through rectangular orifice covering full width of chamber. Baffles below conveyor redirect air upward within drying area and minimize heating of discharge table or hot air contact with clean-dish operator at end of machine.

Any object which will pass through the machine will be handled at the dryer area without necessity of readjusting blower plenum upward or downward.

CONSTRUCTION: Chamber construction is stainless steel, welded and bolted. Vent is 4" x 16" inside dimension and contains a locking type control damper.

Stainless steel wrap-around encloses entire external component assembly consisting of steam coils, motor and blower. Blower dryer is approximately 17½" above height of machine.

Tank portion is constructed of stainless steel with legs and lower cross-members of 1½" stainless steel tubing and stainless steel adjustable feet.

Conveyor is Hobart "Dual Drive" with stainless steel pawls, designed to connect to CL_e warewasher.

STEAM COILS: One double rowed heavy-duty high efficiency aluminum finned copper tube type heat exchanger. The steam blower comes with one of each of the following connections: a 1 inch female I.P.S. steam, and a ¾ inch I.P.S. steam condensate connections. Steam requirements are 55 lbs. at 20 psi. Maximum steam pressure 25 psi.

BLOWER: Industrial fan-type with direct drive wheel. Housing of welded construction.

2 H.P. Blower direct drive motor. Exhaust requirement is 200 to 400 CFM.

MOTOR: Splashproof enclosure, ventilated design. Furnished only in three-phase electrical specifications of the basic CL_e Model in 208-240/60 and 480/60. The controller circuit operates on 115 volts supplied by the transformer on the dishwasher.

MOTOR CONTROL: Ambient temperature compensated automatic resetting solid state overload protection, pre-wired. Operation controlled by dishwasher motor switch, i.e. blower functions only during machine operation.

As continued product improvement is a policy of Hobart, specifications are subject to change without notice.