



STERO SD3

DOOR-TYPE DISHWASHER



STANDARD FEATURES

- .85 gallons per rack
- 58 racks per hour – hot water sanitizing
- 65 racks per hour – chemical sanitizing
- Timed wash cycles for 1, 2 or 4 minutes
- Digital control status
- 180° final rinse assurance
- Interchangeable upper and lower wash and rinse arms
- Automatic tank fill
- Door actuated start
- Automatic drain closure
- Exhaust fan control and booster activation included
- Stainless steel construction
- Error notification
- Straight-through or corner operation
- Hot water or chemical sanitization
- Pressure gauge

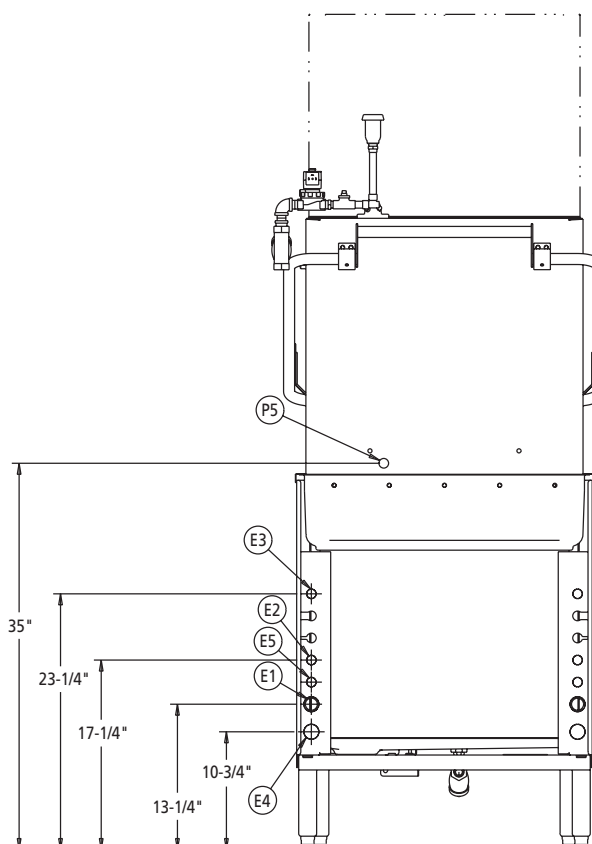
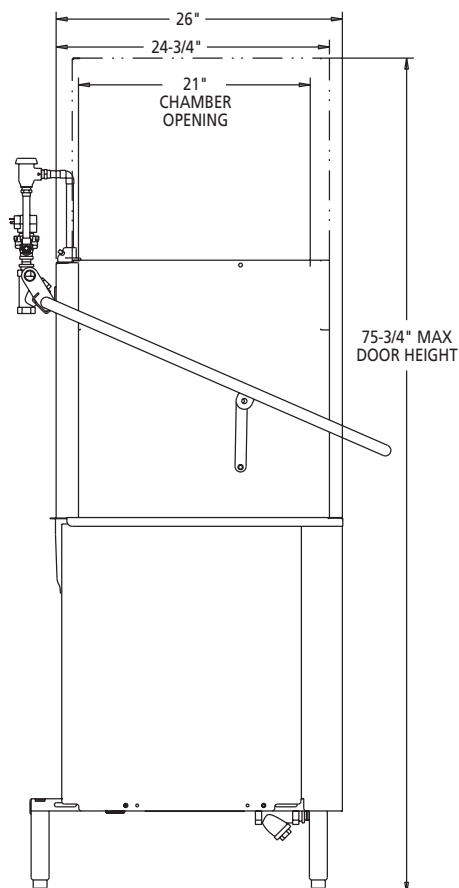
OPTIONS & ACCESSORIES

- Drain water tempering kit
- Electric booster heater
- Seismic feet
- Single point electrical conversion kit (3-phase only)
- Pressure reducing valve
- Shock arrestor

MACHINE RATINGS	SD3 Hot Water Sanitizing	SD3 Chemical Sanitizing
Racks per Hour <i>(Maximum)</i>	58	65
Wash Motor H.P.	2	2
Electric Heating Unit <i>(Regulated)</i>	5 KW	5 KW
Electric Booster Heater	8.5 KW	—
Rate of Rinse Flow – Gallons per Minute – at 20 PSI Flow Pressure	5.1	5.1
Rinse Cycle – Gallons per Rack – at 20 PSI Flow Pressure	.97 – 180°F Minimum	.97 – 140°F Minimum
Peak Rate of Drain Flow – Gallons per Minute <i>(Initial rate with full tank)</i>	14	14
Incoming Water Temperature Required <i>(Minimum)</i>	110°F	140°F

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SD3 WITH ELECTRIC HEAT

ELEC. SPECS	RATED AMPS	MINIMUM SUPPLY CIRCUIT CONDUCTOR AMPACITY	MAXIMUM OVERCURRENT PROTECTIVE DEVICE
208-240/60/1	43.0	50	50
208-240/60/3	24.9	30	30
480/60/3	13.4	15	15

BOOSTER AMPACITY RATINGS 8.5KW

ELEC. SPECS	RATED AMPS	MINIMUM SUPPLY CIRCUIT CONDUCTOR AMPACITY	MAXIMUM OVERCURRENT PROTECTIVE DEVICE
208-240/60/1	35.4	50	50
208-240/60/3	20.4	30	30
480/60/3	10.2	15	15

OPTIONAL SD3 SINGLE POINT ELECTRICAL SERVICE CONNECTION

ELEC. SPECS.	RATED AMPS	MINIMUM SUPPLY CIRCUIT CONDUCTOR AMPACITY	MAXIMUM OVERCURRENT PROTECTIVE DEVICE
208-240/60/3	45.4	60	60
480/60/3	23.7	30	30

⚠ 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. Drain and fill line configurations vary, some methods are shown on this drawing.

CONNECTION INFORMATION

(*AFF - ABOVE FINISHED FLOOR)

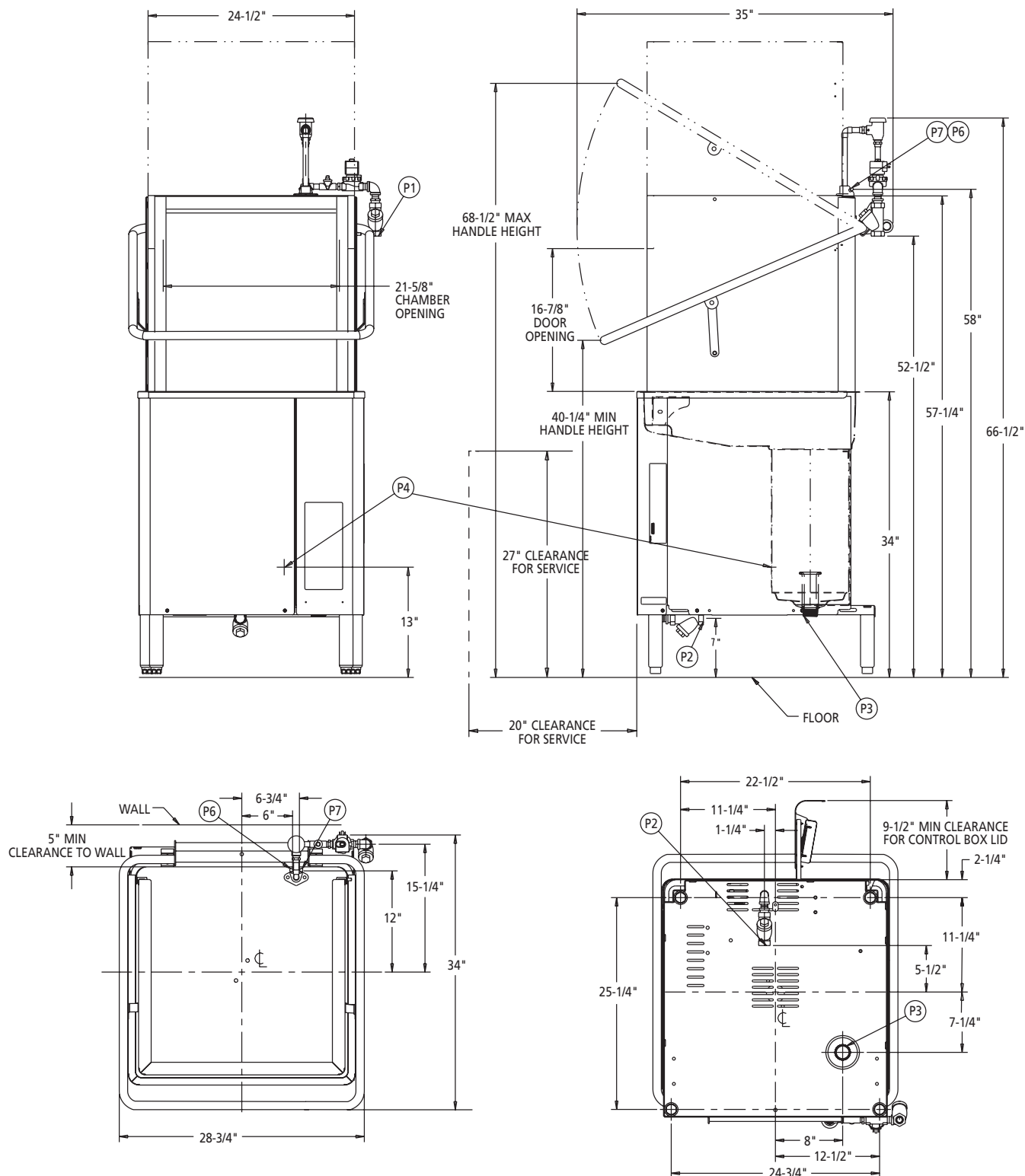
LEGEND

- E1 ELECTRICAL CONNECTION: MOTORS & CONTROLS (INCLUDING ELECTRIC HEAT). 1" OR 3/4" CONDUIT HOLE.
- E2 ELECTRICAL CONNECTION: EXHAUST FAN CONTROL, 1/2" CONDUIT HOLE. (VFC1 & VFC2) 1.5 AMPS @ NAMEPLATE SUPPLY VOLTAGE, "ON"
- E3 ELECTRICAL CONNECTION: RINSE AGENT & SANITIZER FEEDERS, 1/2" CONDUIT HOLE. (DPS1 & DPS2) 1.5 AMPS @ NAMEPLATE SUPPLY VOLTAGE, (RPS1 & RPS2) 1.5 AMPS @ NAMEPLATE SUPPLY VOLTAGE
- E4 ELECTRICAL CONNECTION: ELECTRIC BOOSTER, 1" CONDUIT HOLE.
- E5 ELECTRICAL CONNECTION: EXTERNAL BOOSTER CONTROL 1/2" CONDUIT HOLE. (BSTR1 & BSTR2) 0.1 AMPS @ 120 VAC
- P1 COMMON WATER CONNECTION: (W/O ELECTRIC BOOSTER) (180°F COMMON WATER CONNECTION: (W/O ELECTRIC BOOSTER) (120°F WATER MIN. CHEMICAL SANITIZING) 3/4" FPT.
- P2 COMMON WATER CONNECTION: (W/ELECTRIC BOOSTER) (110°F WATER MIN. HOT WATER SANITIZING); 3/4" FPT.
- P3 DRAIN: 1-1/2" NPT.
- P4 DETERGENT PROBE SENSOR: REMOVE CAP AND STUD ASSEMBLY TO ACCESS 7/8" HOLE
- P5 DETERGENT FEEDER: REMOVE CAP PLUG TO ACCESS 7/8" HOLE
- P6 RINSE AGENT FEEDER: 1/8" NPT, REMOVE 1/8" NPT PIPE PLUG TO ACCESS TAPPED HOLE.
- P7 SANITIZER FEEDER: (LOW TEMP MODE) 1/8" NPT, REMOVE 1/8" NPT PIPE PLUG TO ACCESS TAPPED HOLE



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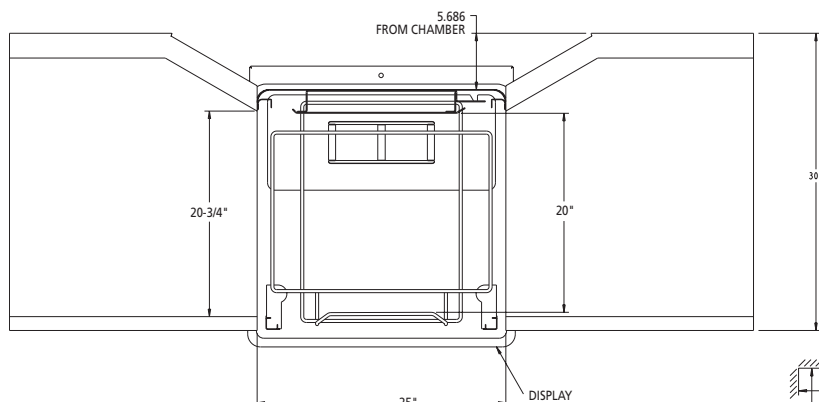
NOTICE: Certain materials, including silver, aluminum and pewter are attacked by sodium hypochlorite (liquid bleach) in the chemical sanitizing dishwasher mode of operation. Water hardness should be controlled to 3 grains or less for best results.

OVERALL DIMENSIONS: 66-1/2"H x 28-3/4"W x 34"D

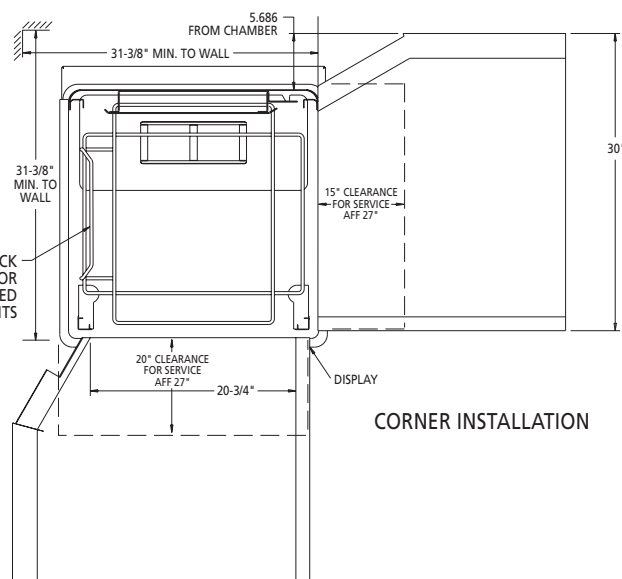
MACHINE WEIGHT		
MODEL	NET WEIGHT	SHIPPING WEIGHT
SD3	270 lbs.	302 lbs.

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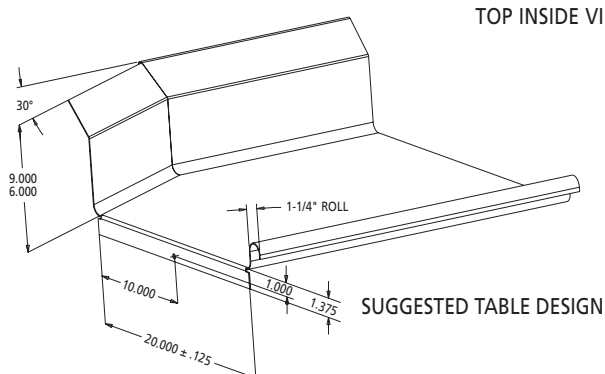
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PASS THRU INSTALLATION



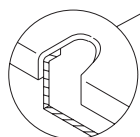
CORNER INSTALLATION



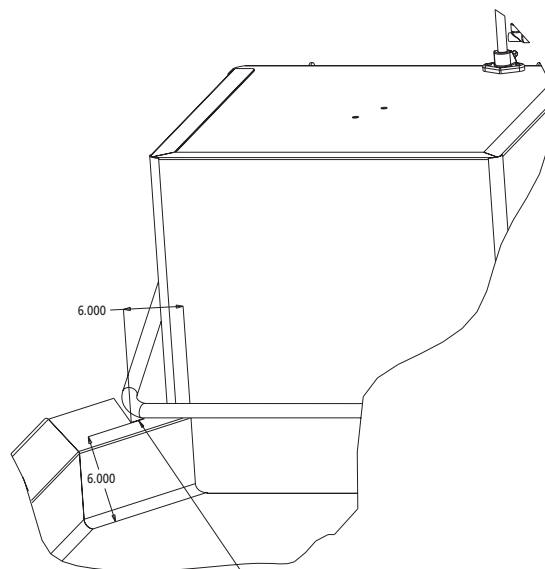
TOP INSIDE VIEW OF MACHINE

- DRILL Ø .344 HOLE THRU TANK WALL
- 5/16-18 SST TRUSS HD SCREW
- 5/16-18 SST LOCKWASHER
- 5/16-18 SST HEX HD NUT

TANK



USE SILICONE SEALER
BETWEEN TABLE AND
LIP OF TANK TO
PREVENT LEAKAGE



A NOTCH MUST BE ADDED TO BACKSPLASHES
OVER 6" HIGH ON CORNER MACHINES TO
PREVENT INTERFERENCE WITH DOOR
MECHANISM. NOTCH MUST EXTEND 6" FROM
FACE OF THE MACHINE.

In line with its policy to continually improve its products, Stero reserves the right to change materials and specifications without notice.