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# STERO STBUW HIGH TEMPERATURE POT PAN AND UTENSIL WASHER



**Quality and Efficiency  
A Better Designed and  
Engineered Pot, Pan, and  
Utensil Washer!**

STERO's High Temperature Pot, Pan and Utensil Washer is designed for efficiency and durability! Pots and Sheet Pans placed on the stainless steel belt pass through the machine at a rate of up to 10 FPM. High capacity pump powered by 3 HP motor ensures thorough cleaning and sanitization.

## STANDARD FEATURES

**Internal Wiring:** Complete in waterproof conduit fittings to a terminal strip in a common junction box, with all motors connected and controls mounted.

**Internal Plumbing:** All waste and supply connections are interplumbed to a common connection point.

**Interrupted Final Rinse Water Control:** STERO's rinse water control uses 180° water only when ware is in the final rinse area. Belt movement does not control rinse water use.

**Stainless Steel Center-Fed Manifolds:** Easily removed with positive indexing. Orifices are round and stricture free with stainless steel fan sprayers.

**Motors and Pumps:** Heavy duty 3 HP, 1750 rpm, splash-proof, grease-sealed ball bearing. Maintenance free.

**Motors:** Integrated with centrifugal pumps through packless, stainless steel and ceramic seal ensuring perfect alignment and quiet operation. Accessible from front of the machine.

**Control Panel:** Centered on hood, top mounted. Hinged, front opening complies with the regulations of the California Industrial Accident Commission. Fitted with oil tight push buttons and pilot lights.

**Waterproof Stop-Start Station:** Provided at each end of the machine for the conveyor.

**Safety Conveyor Cut Off:** Unload end limit switch ensures that traveling ware will stop the conveyor if left unattended.

**Conveyor Drive:** Adjustable, variable speed from 2 feet to 10 feet per minute.

**Automatic Tank Fill, Float Switch Controlled:** Fills and maintains proper tank water level during operation.

**Stainless Steel Drain Valve Seats and Poppets:** With spring-loaded control shafts, front, externally operated.

## STANDARD FEATURES *Continued*

**Stainless Steel Panel Skirts:** Front and both ends.

**Inspection Door:** Provided for each compartment.

**Manual Adjustable Locking Vent Dampers:** Allows control of water vapor removal.

**Flow Pressure Gauge, Pressure Regulating Valve, and Shock Arrestor:** In final rinse line. Provides a means for visual inspection of proper final rinse flow pressure with components in place for adjustment. Protection from line hammer ensures long valve life.

**Stainless Steel Standpipe:** With bell type skimmer in the wash tank.

**Conveyor Belt:** Stainless steel die stamped and formed peg link with cross rods at every row.

**Required Tank Heating:** NSF requires water in all power wash tanks be maintained at specific temperatures. STERO offers four types of heating equipment to meet this standard. Please specify which option best suits your job conditions.

### THE TANK HEATING OPTIONS ARE:

**Electric:** Five 5 kW stainless steel elements (25 kW total) are mounted in the bottom of the tank. The units are thermostatically controlled and have STERO's low water protection system. The elements, thermostat, LWP and contactor are all interwired to the control panel.

**Gas:** STERO has developed another first for the industry; a gas fired, infrared tank heating system that heats the water to the correct temperature and maintains it during operations. Burners, constructed of woven ceramic fiber, are thermostatically controlled and feature a manual off/on valve. STERO's positive low water protection system safeguards the unit in the event of a low water condition.

**Steam Injectors:** Two stainless steel injectors with silencers are mounted in the tank. A thermostat controls a solenoid valve and maintains the correct temperature.

**Steam Coils:** STERO designed and built stainless steel steam coils are mounted in the tank. Steam coils allow condensed steam to be returned to the steam generator—a decided advantage when there is a question of steam purity. A thermostat controls a steam solenoid valve and maintains the correct temperature. A steam trap is mounted on the steam return line.

### AVAILABLE OPTIONS

**Circuit Breakers:** Circuit breakers in panel permitting complete final connection for entire electrical requirements of the machine with one 3 wire circuit. In addition to greatly reducing installation costs, this feature provides complete control of the electrical service at the machine.

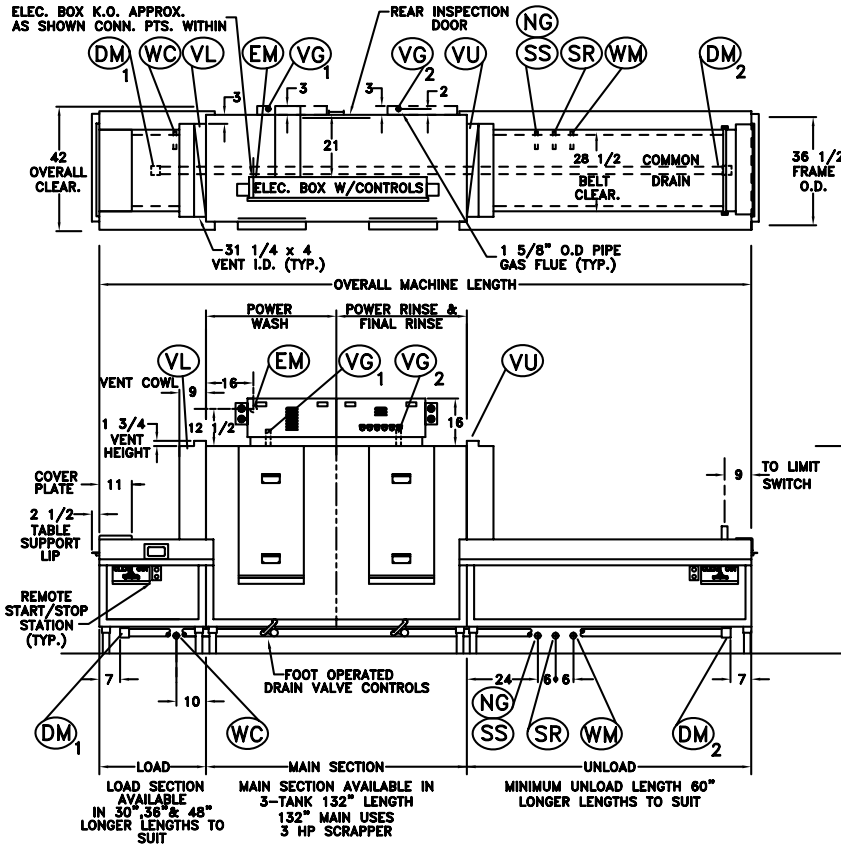
**Final Rinse Water Booster Heater:** Steam operated, electrically controlled, sized to raise incoming hot water supply from 140° to 180°–190°; completely integrated with the internal plumbing and electrical systems of the machine.

**Final Rinse Water Booster Heater:** 45 kW, electrically operated, and sized to raise incoming hot water from 140° to 180°–190°; completely integrated with the internal plumbing and electrical systems of the machine. Other booster sizes are available to fit customer's specific requirements.

Any special requirement in overall length due to space limitations can be met by alteration of the unload section. Additional drying area can be provided by lengthening the unload section.

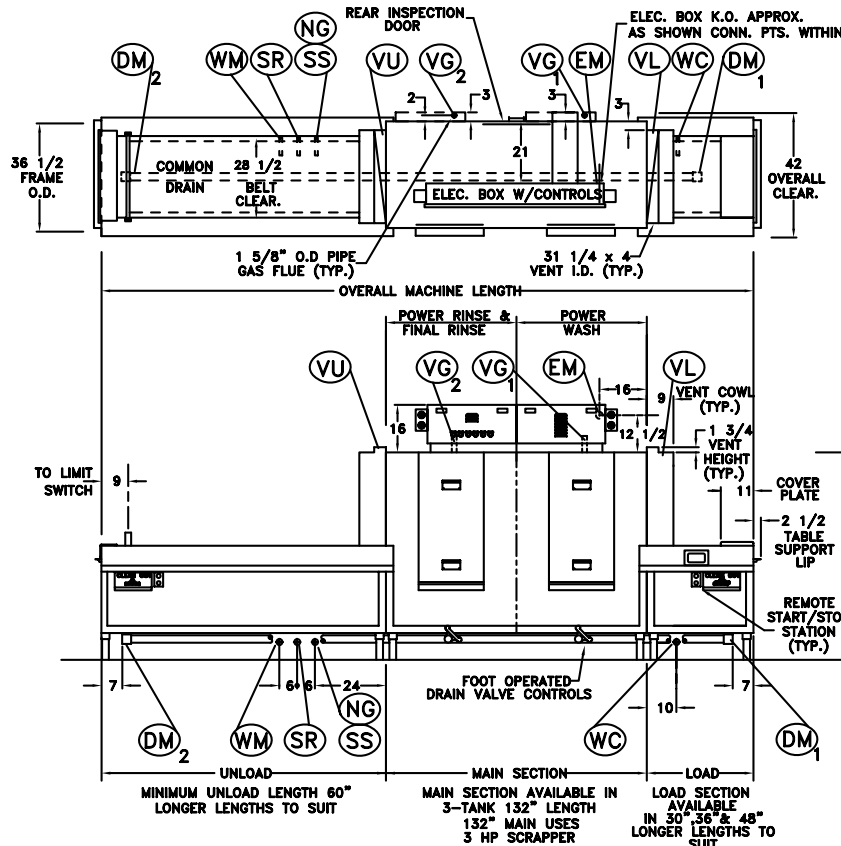
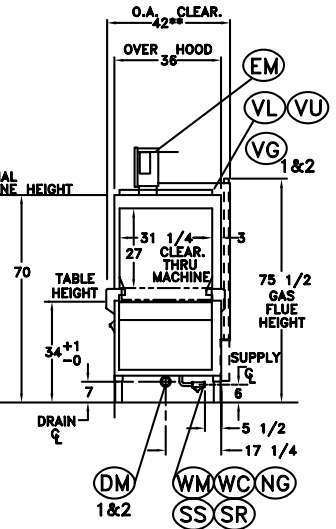
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Product Specification Sheet



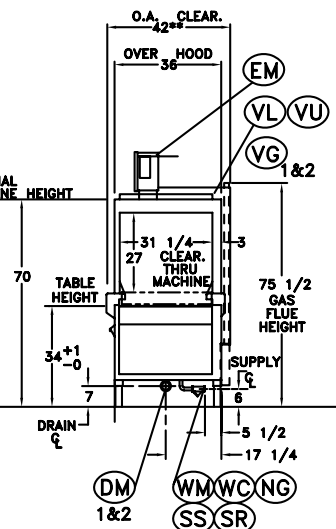
**LEFT TO RIGHT FEED DIRECTION**

\*\*40" O.A. CLEAR. WHEN BOTTOM MOUNTED CONTROLS SPECIFIED



**RIGHT TO LEFT FEED DIRECTION**

\*\*40" O.A. CLEAR. WHEN BOTTOM MOUNTED CONTROLS SPECIFIED



## STERO STBUW

STEAM HEAT WITH BOOSTER			STEAM HEAT WITHOUT BOOSTER		
DM	2" NPT (F)	DRAIN, MACHINE WASTE: CONNECT TO EITHER END LEAVE UNUSED PORTS PLUGGED	DM	2" NPT (F)	DRAIN, MACHINE WASTE--CONNECT TO EITHER END, LEAVE UNUSED PORTS PLUGGED
EM	ELEC. REQ.	ONE (1) FEEDER SIZED FOR  1. WASH PUMP MOTOR-----3 HP 2. RINSE PUMP MOTOR-----3 HP 3. 1 HP CONVYR. MTR. & CONT. CIRC.	EM	ELEC. REQ.	ONE (1) FEEDER SIZED FOR  1. WASH PUMP MOTOR-----3 HP 2. RINSE PUMP MOTOR-----3 HP 3. 1 HP CONVYR. MTR. & CONT. CIRC.
WM	1" NPT (F)	WATER SUPPLY: 140° F. MIN. AT 20 PSI FLOW PRES. CONSUMPTION = 390 GAL./HR.	WH	3/4" NPT (F)	WATER SUPPLY: 180° F. MIN. AT 20 PSI FLOW PRES. CONSUMPTION = 390 GAL./HR.
WC	3/4" NPT (F)	WATER SUPPLY: COLD AS AVAILABLE	WC	3/4" NPT (F)	WATER SUPPLY: COLD AS AVAILABLE
SS	2" NPT (F)	STEAM SUPPLY: 15 TO 40 PSI, CONS. IN LBS/HR TANK HEAT:160 BOOSTER:175	SS	1-1/4" NPT (F)	STEAM SUPPLY: 15 TO 40 PSI, CONS. IN LBS/HR TANK HEAT:160
SR	3/4" NPT (F)	STEAM RETURN:	SR	3/4" NPT (F)	STEAM RETURN
VL	4x31 1/4 VENT I.D.	VENT, LOAD END: RECOM. MIN. DRAW = 500 CFM	VL	4x31 1/4 VENT I.D.	VENT, LOAD END: RECOM. MIN. DRAW = 500 CFM
VU	4x31 1/4 VENT I.D.	VENT,UNLOAD END: RECOM. MIN. DRAW =1000 CFM	VU	4x31 1/4 VENT I.D.	VENT,UNLOAD END: RECOM. MIN. DRAW =1000 CFM
VG	1 5/8" O.D. PIPE	VENT, NATURAL GAS FLUE: VENT TO ATMOSPHERE W/AIR GAP	NG	1" NPT (F)	NATURAL GAS SUPPLY: CONSUMPTION = 184,000 BTU

ELECTRIC HEAT WITH BOOSTER			ELECTRIC HEAT WITHOUT BOOSTER		
DM	2" NPT (F)	DRAIN, MACHINE WASTE--CONNECT TO EITHER END, LEAVE UNUSED PORTS PLUGGED	DM	2" NPT (F)	DRAIN, MACHINE WASTE--CONNECT TO EITHER END, LEAVE UNUSED PORTS PLUGGED
EM	ELEC. REQ.	THREE (3) FEEDERS SIZED FOR: FEEDER NO.1  1. WASH PUMP MOTOR-----3 HP 2. RINSE PUMP MOTOR-----3 HP 3. 1 HP CONVYR. MTR. & CONT. CIRC.  FEEDER NO.2 1. WASH TANK HEAT-----25 KW FEEDER NO.3 1. RINSE TANK HEAT-----25 KW	EM	ELEC. REQ.	THREE (3) FEEDERS SIZED FOR: FEEDER NO.1  1. WASH PUMP MOTOR-----3 HP 2. RINSE PUMP MOTOR-----3 HP 3. 1 HP CONVYR. MTR. & CONT. CIRC.  FEEDER NO.2 1. WASH TANK HEAT-----25 KW FEEDER NO.3 1. RINSE TANK HEAT-----25 KW
EB	ELEC. REQ.	ONE FEEDER SIZED FOR: 1. BOOSTER HEATER-----45 KW	WM	3/4" NPT (F)	WATER SUPPLY: 140° F. MIN. AT 20 PSI FLOW PRES. TANK FILL
WM	1" NPT (F)	WATER SUPPLY: 140° F. MIN. AT 20 PSI FLOW PRES. CONSUMPTION = 390 GAL./HR.	WH	3/4" NPT (F)	WATER SUPPLY: 180° F. MIN. AT 20 PSI FLOW PRES. CONSUMPTION = 390 GAL./HR.
WC	3/4" NPT (F)	WATER SUPPLY: COLD AS AVAILABLE	WC	3/4" NPT (F)	WATER SUPPLY: COLD AS AVAILABLE
VL	4x31 1/4 VENT I.D.	VENT, LOAD END: RECOM. MIN. DRAW = 500 CFM	VL	4x31 1/4 VENT I.D.	VENT, LOAD END: RECOM. MIN. DRAW = 500 CFM
VU	4x31 1/4 VENT I.D.	VENT,UNLOAD END: RECOM. MIN. DRAW =1000 CFM	VU	4x31 1/4 VENT I.D.	VENT,UNLOAD END: RECOM. MIN. DRAW =1000 CFM

- NOTE 1. WC NECESSARY ONLY WHEN COLD WATER AQUA--STAT SPECIFIED  
COLD WATER AQUASTAT ONLY APPLIES TO MACHINES WITH SCRAP TANK
2. SINGLE POINT ELECTRICAL CONNECTION AVAILABLE WHEN MOUNTED CIRCUIT BREAKERS SPECIFIED
3. VG, NG NECESSARY ONLY WHEN INFRARED NATURAL GAS TANK HEAT SPECIFIED.

