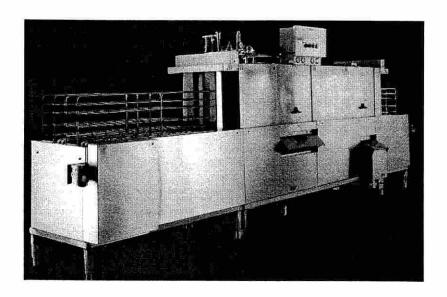


INSTRUCTION & PARTS MANUAL

TRAY WASHER

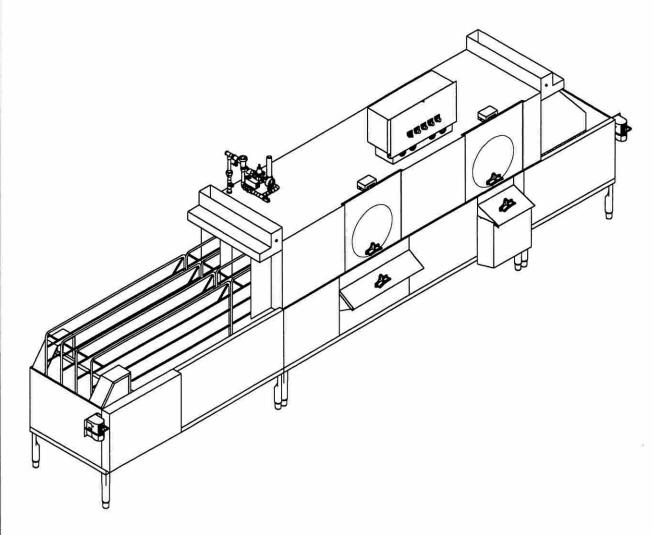


STERO Dishwashing Machines

74

- --

THE STERO COMPANY STW (STERO TRAY WASHER) TYPE DISHWASHERS





THE STERO COMPANY 3200 LAKEVILLE HWY. PETALUMA, CA. 94954 (707) 762-0071 (800) 762-7600 FAX# (707) 762-1954 RELEASE DATE 4/15/97

х			

The Stero Company

WARRANTY POLICY

This warranty is in lieu of all other warranties, expressed or implied, including without limitation any implied warranty of merchantability, fitness for a particular purpose or non-infringement, and of any other obligation or liability on the part of Stero, whether in contract, strict liability, tort or otherwise.

The Stero Company warrants this equipment to be free from defects in material and workmanship, under normal use and operation, for a period of one (1) year from the date of initial start up or eighteen (18) months from the date of shipment from the factory, whichever comes first. This warranty is conditioned upon the customer's maintenance and care as outlined in the service manual and upon return of the warranty registration card. Repairs will be performed during Stero's authorized service agencie's normal business hours. If the customer requires after hours service the customer will be responsible for the overtime premium.

Machine is warranted only for the initial place of installation. Removal of machine automatically terminates the warranty.

Stero shall have no liability under this warranty unless the customer promptly notifies Stero or it's factory authorized service agent of any alleged defects. All defective parts become the property of Stero and must be returned to Stero, or it's agent, at Stero's expense, within thirty (30) days from the date of the part's replacement. Parts replaced within the warranty carry only the unexpired portion of the machine's warranty. Not covered by this warranty are changes (parts and/or labor) necessitated by or damage resulting from: water conditions, accident, alteration, improper use, abuse, tampering, improper installation or failure to follow operating and maintenance procedures. Examples of the foregoing, but without limitations are: (1) Damage to the machine resulting from excessive concentrations of chlorine or deliming acid solutions; (2) Use with utility service other than designated on the rating plates; (3) Improper connection to utility service; (4) Inadequate or excessive water and/or steam pressure; (5) Leaks caused by faulty installation; (6) Component failures caused by water leaks due to faulty installation; (7) Failure to comply to local building codes; (8) Failures due to deposits resulting from water or steam conditions. detergents, chemicals, or improper cleaning; (9) Resetting breakers, overloads, or safety thermostats; (10) Adjustments of thermostats after 90 days of operation; (11) Improper opening of utility supply valves; (12) Cleaning drain valves, line strainers. rinse nozzles, etc.; (13) Improper installation or malfunction of chemical dispensing equipment supplied by others; and (14) Failure to provide regular maintenance and daily cleaning as outlined in the service manual. In no event will Stero be liable for loss or damage to or loss of use of facilities or other property, additional labor costs, loss of revenue, loss of anticipated profits, or other damages of any kind what so ever, whether direct, indirect, incidental or consequential.

UL 73 Grounding Instructions:

This Appliance must be connected to a grounded, metal, permanent wiring system; or an equipment-grounding conductor must be run with the circuit conductors and connected to the equipment-grounding terminal or lead on the appliance.

INSTALLATION INSTRUCTIONS

- 1- SET MACHINE IN PLACE.
- 2- LEVEL THE MACHINE BY ADJUSTING THE FEET AS REQUIRED.
- 3- MAKE ALL PLUMBING CONNECTIONS AS INDICATED ON THE TAGS FASTENED TO THE MACHINE. <u>COMPLY WITH ALL LOCAL</u> <u>PLUMBING CODES.</u>

(NOTE: MAKE AS MANY CLEANOUTS AS POSSIBLE IN THE DRAIN LINE, USING TEES WITH PIPE PLUGS IN EACH TEE INSTEAD OF ELBOWS, AS IT IS VERY IMPORTANT TO KEEP THE LINES CLEANED OUT).

4- MAKE ALL ELECTRICAL CONNECTIONS AS INDICATED ON THE TAGS FASTENED TO THE OUTLETS ON THE MACHINE. ALL ELECTRICAL INTER-CONNECTING IS DONE ON THE MACHINE AT THE FACTORY. COMPLY WITH ALL LOCAL ELECTRICAL CODES.

ADJUSTMENT AND TESTS

- 1 WATER AND STEAM LINES MUST BE BLED BEFORE FINAL CONNECTION TO THE MACHINE IN ORDER TO REMOVE ANY SOIL AND DIRT WHICH HAS ACCUMULATED.
- 2 WHEN STEAM HEAT EXCHANGER IS SUPPLIED THE TRAP ON THE SAME MUST BE BLFD.
- 3 CHECK INLET AND OUTLET WATER TEMPERATURES TO CONFORM TO THE FOLLOWING REQUIREMENTS, IN ORDER TO ASSURE SATISFACTORY OPERATION.

COLD WATER — INLET LINE TO FILL VALVE OF SCRAPPER TANK, FOR COLD WATER AQUASTAT (WHEN SUPPLIED) 140° F. —INLET LINE TO FILL VALVE OF SCRAPPER TANK (WHEN SUPPLIED)

140° F. -INLET LINE TO FILL VALVE OF WASH TANK 140° F. -INLET LINE TO HEAT EXCHANGER (WHEN SUPPLIED)

180° F. - OUTLET FROM HEAT EXCHANGER (WHEN SUPPLIED)

ADJUSTMENT AND TEST CONTINUED

180° F. -INLET TO FINAL RINSE 180° F. -INLET TO POWER RINSE FILL VALVE (WHEN SUPPLIED)

4 — THE MOTOR, HEAT EXCHANGER, AND ALL OTHER ADJUSTABLE PARTS ARE CONNECTED AND SET AT THE FACTORY AND NEED NO FURTHER ADJUSTMENT.

PREVENTATIVE MAINTENANCE

PREVIOUSLY, DAILY MAINTENANCE HAS BEEN RECOMMENDED. IT IS SURPRISING HOW MANY FUTURE REPAIRS WILL BE PREVENTED BY THIS UNDER THIS SECTION. LET'S CONSIDER A FEW POINTS.

- 1 PUMP MOTOR: ALL OF THE PUMP MOTORS ARE FITTED WITH GREASE SEALED BALL BEARINGS, AND DO NOT NEED TO BE OILED OR GREASED FOR LIFE.
- 2 GEAR BOX: THE MOTOR GEAR UNIT ALSO HAS SEALED IN BEARINGS AND DOES NOT NEED TO BE GREASED. HOWEVER, AN INSPECTION OF THE OIL LEVEL IN THE GEAR BOX SHOULD BE MADE AT LEAST ONCE A YEAR. THE WEIGHT OF THE OIL IS SAE 90.
- 3 STRAINERS: HOT AND COLD WATER LINES TO THE MACHINE ARE EQUIPPED WITH LINE STRAINERS AND ARE EASILY RECOGNIZED. THEY ARE LOCATED CLOSE TO THE SOLENOID VALVES. BEFORE THE FINAL RINSE CONNECTION IS MADE, THESE LINES SHOULD BE BLOWN SO AS TO CLEAR OUT ANY SCALE OR SEDIMENTS FROM LODGING IN THE EQUIPMENT TO WHICH THEY ARE CONNECTED. AS IT BECOMES NECESSARY TO CLEAN THE STRAINERS, REMOVE THE PLUG AT THE BOTTOM OF THE STRAINERS, CLEAN, AND REINSTALL.

OPERATING INSTRUCTIONS STW

- 1- CLOSE ALL DRAIN VALVES, INSTALL CURTAINS, STRAINER PANS, AND CLOSE ALL DOORS. THE DOOR SAFETY SWITCHES WILL PREVENT THE MACHINE FROM OPERATING WITH THE DOORS OPEN.
- 2- TURN ON CIRCUIT BREAKERS.
- 3- TURN SAFETY SWITCH TO "ON".
- 4- PUSH "FILL SWITCH" LIGHT WILL ILLUMINATE UNTIL ALL TANKS FILL TO THEIR PROPER LEVEL (1/2" TO 1" BELOW THE OVERFLOWS) WITH 140° F. TO 150° F. WATER.
 - IF YOUR MACHINE IS NOT EQUIPPED WIT AUTOMATIC FILL, MANUALLY OPEN THE FILL VALVES UNTIL WATER OVERFLOWS FROM THE TANKS, THEN CLOSE THE VALVES.
- 5- PUSH "BOOSTER SWITCH" (IF EQUIPPED). THE LIGHT WILL ILLUMINATE.
- 6- PUSH "TANK HEAT SWITCH" LIGHT WILL ILLUMINATE. NOTE: TANK HEAT WILL NOT OPERATE UNTIL ALL TANKS ARE FILLED. WAIT 15-60 MINUTES TO ALLOW THE TANKS TO PRE-HEAT.
- 7- PUSH "START SWITCH" TO START PUMPS AND CONVEYOR DRIVE SYSTEMS.
- 8- WHEN TRAYS REACH THE FINAL RINSE IT WILL TRIP THE FINAL RINSE PADDLE AND THE FINAL RINSE WILL SPRAY SANITIZING WATER OVER THE TRAYS.
- 9- THE TEMPERATURE GAUGES MEASURE THE TEMPERATURE OF WATER FLOWING THROUGH THE MANIFOLDS. THE PUMPS MUST BE OPERATING BEFORE A VALID READING CAN BE OBTAINED. VERIFY THAT TEMPERATURE READINGS COMPLY WITH THE RANGES ON THE GAUGES.
- 10- THE FINAL RINSE FLOW PRESSURE SHOULD BE ADJUSTED TO 20 PSI.
- 11- AN OPTIONAL TABLE LIMIT SWITCH WILL STOP THE CONVEYOR DRIVE AND PUMP MOTORS WHEN A TRAY APPROACHES THE CLEAN END OF THE MACHINE.

OPERATING INSTRUCTIONS STW

- 12 TURN THE "TANK HEAT SWITCH(ES)" OFF BEFORE DRAINING THE TANKS.
- 13- TURN "SAFETY SWITCH" OFF AT THE END OF THE OPERATING PERIOD.
- 14 CLEAN THE MACHINE IN ACCORDANCE WITH THE DAILY MAINTENANCE PROCEDURES.

DAILY MAINTENANCE

CLEANLINESS IS ONE OF THE MOST IMPORTANT THINGS IN ANY DISHROOM. CLEAN EQUIPMENT PREVENTS REPAIR PROBLEMS, AND MOST IMPORTANT OF ALL, GIVES YOU <u>CLEAN</u>, <u>SANITARY WARE</u>.

THIS IS BEST ACCOMPLISHED BY ESTABLISHING A DAILY PROCEDURE, AND BY SELECTING A SUPERVISOR, IF POSSIBLE, TO SEE THAT IT IS PROPERLY DONE.

AT THE END OF EACH SHIFT OR WASHING PERIOD, THE FOLLOWING STEPS WILL INSURE PROPER RESULTS:

- 1 SHUT OFF POWER TO THE MACHINE. IF THE MACHINE IS STEAM HEATED, TURN OFF STEAM SUPPLY.
- 2 OPEN ALL DOORS AND REMOVE WASH MANIFOLDS, SCRAP SCREENS, AND CURTAINS. (IF CURTAINS ARE SOILED). THE MANIFOLD END CAPS SHOULD BE REMOVED AND THE MANIFOLDS SHOULD NOW BE CLEANED IN A SINK, OR FLUSHED OUT WITH A HOSE. IT IS NOT NECESSARY TO USE A BRUSH.
- 3 WASH, SCRUB, AND RINSE DOWN THE INSIDE OF THE MACHINE. ALL REFUSE IN THE BOTTOM OF THE TANKS SHOULD BE FLUSHED DOWN THE DRAIN VALVES. WHEN THE TANKS ARE CLEAN, INSPECT THE DRAIN VALVES. REMOVE ANY FOREIGN MATTER THAT MIGHT REMAIN BETWEEN THE POPPET AND THE SEAT OF THE VALVE.
- 4 <u>CLEAN THE EXTERIOR OF THE MACHINE</u> WITH A GOOD, ACCEPTABLE, STAINLESS STEEL CLEANER, LEMON OIL MAY BE USED.
- 5 THE FLOOR AROUND THE BASE OF THE MACHINE AND UNDER THE TABLE SHOULD ALSO BE CLEANED TO PREVENT SOIL ACCUMULATION.
- 6 ALL INTERIOR COMPONENTS REMOVED FROM THE MACHINE SHOULD NOW BE REINSTALLED.
- 7 LEAVE ALL THE DOORS OPEN TO ALLOW THE INTERIOR OF THE MACHINE TO DRY.

ALWAYS REMEMBER-A CLEAN MACHINE IS A WELL MAINTAINED MACHINE & YOU CAN'T GET CLEAN WARE OUT OF A DIRTY MACHINE!

PUMP MAINTENANCE

UNDER THIS SECTION, WE ARE CONCERNED WITH THE CENTRIFUGAL PUMP. AFTER A CERTAIN LENGTH OF TIME, SOMETIMES MANY YEARS, IT MAY BE NECESSARY TO REPLACE A PUMP SEAL. THESE ARE CERAMIC SEALS. PROCEED AS FOLLOWS:

- 1 THE PUMP UNIT IS HELD ON TO THE PUMP HOUSING BY FOUR HEX NUTS. REMOVE THE HEX NUTS. THE PUMP UNIT SHOULD NOW COME OFF.
- 2 REMOVE THE CAP SCREW IN THE END OF THE IMPELLAR SHAFT. IF THE UNIT HAS BEEN IN USE FOR A LONG TIME, IT MAY BE NECESSARY TO USE A PULLER. THIS EXPOSES THE SEAL. IT IS NOT NECESSARY TO TAKE THE MOTOR APART TO REMOVE THE SEAL.
- 3 WORK THE ENTIRE SEAL RING OUT WITH A SCREW DRIVER, AND CLEAN THE SEAL HOUSING THOROUGHLY.
- 4 REINSTALL THE NEW SEAL IN THE SAME WAY AS THE OLD ONE WAS REMOVED. (IF NECESSARY, REFER TO EXPLODED VIEW IN THE MOTOR SECTION OF THIS MANUAL.)
- 5 AFTER THE SEAL IS PROPERLY INSTALLED IN THE HOUSING;
 - A-REMOUNT IMPELLAR ON SHAFT.
 - B-CLEAN MOUNTING SURFACE OF THE PUMP HOUSING AND THE END BELL.
 - C-REMOVE THE OLD GASKET, IF DAMAGED.
 - D-INSTALL A NEW GASKET.
 - E-REMOUNT THE MOTOR AND PUMP HOUSING.
 - F-TIGHTEN ALL FOUR HEX NUTS EVENLY AND SECURELY.
- 6- THE UNIT IS NOW READY TO BE USED.

FINAL RINSE BOOSTER

THE FINAL RINSE BOOSTER SUPPLIED WITH THE EQUIPMENT IS SIZED SO AS TO SUPPLY 180° F. — 190° F. WATER TO THE FINAL RINSE. TO DO THIS, IT SHOULD HAVE AN INCOMING WATER SUPPLY OF 140° F. AND 20 TO 25 POUNDS OF FLOW PRESSURE. IF THE BOOSTER IS STEAM HEATED IT SHOULD ALSO HAVE AN ADEQUATE STEAM SUPPLY OF 15 TO 40 PSI. WATER AND STEAM LINES TO THE BOOSTER SHOULD BE SIZED AS CALLED FOR IN THE DRAWINGS OR SPECIFICATIONS. THE ELECTRICAL POWER SUPPLY TO THE BOOSTER SHOULD BE OF THE REQUIRED VOLTAGE AND PHASING AS CALLED FOR IN THE DRAWINGS OR SPECIFICATIONS.

THE TEMPERATURE IN THE FINAL RINSE IS CONTROLLED BY A <u>FENWALL</u> THERMOSWITCH UNIT. IF IT BECOMES NECESSARY TO ADJUST THE FINAL RINSE TEMPERATURE, REFER TO THE BOOSTER SECTION FOR THE THERMOSTATE LOCATION. THE TANK HEAT IN THE POWER WASH AND POWER RINSE TANK IS ALSO CONTROLLED BY A THERMO—SWITCH. IF IT BECOMES NECESSARY TO ADJUST THESE TEMPER—ATURES, TURN THE ADJUSTMENT SCREW CLOCKWISE TO INCREASE TEMPERATURES. COUNTER CLOCKWISE TO DECREASE TEMPERATURES. TURN THE ADJUSTMENT SCREW 1/4 TURN AND RECHECK TEMPER—ATURES, OVER ADJUSTMENT MAY DAMAGE THE THERMOSTAT.

INFRARED SECTION ADDENDUM

INSTALLATION INSTRUCTIONS

- 1. Set the machine in place.
- 2. Level the machine from side to side, and front to back.
 - a. Place a level on turned out lip or tank.
 - b. Adjust level of machine by screwing adjustable feet in or out as necessary.
- 3. Dish tables can now be set in place.
- a. The dish table(s) lip or turndown MUST be sealed with silicone or similar sealing compound. This compound must be applied so that it is compressed between the table lip and the machine tank. Be generous with this compound, this is a vital part of the installation to prevent leaks.
- b. The dish table lip must be tightly secured to the vertical edge of the machine tank. This is to allow maximum area for clearance. If the tables interfere with any mechanical parts, it will cause premature wear of the machine and will NOT be covered under the machine warranty.

PLUMBING CONNECTIONS

1. Make all plumbing connections as indicated by the tags fastened to the machine connections points.

NOTE: Make as many clean outs as possible in the drain line using tee's with pipe plugs in each tee instead of elbows, as it is very important to keep the lines cleaned out.

COMPLY WITH ALL LOCAL PLUMBING CODES.

ELECTRICAL CONNECTIONS

1. Make all electrical connections as indicated on the tags fastened to the outlets on the machine. All electrical interconnecting is done on the machine at the factory.

This ware washing unit has been thoroughly tested under actual operating conditions with hot water, steam (when used), gas (when used), and the electrical, all working properly. When the unit has been reassembled properly and all systems connected, one of the most important things to remember is the FINAL ELECTRICAL CONNECTIONS to the main power supply. When connecting it to a single or three phase system, and when the electrician turns on the equipment for the first time, the electrician should check to see that the motors are running in the proper direction. If not, then the electrician should switch two of the leads, re-check rotation, secure connections making sure they are TIGHT AND INSULATED. The various pump units, valve circuits, etc. have all been phased out and checked out at the factory and should need no attention.

COMPLY WITH ALL LOCAL ELECTRICAL CODES.

INFRARED GAS HEAT CONTROL SYSTEMS

1. The infrared gas tank heat option on your machines will include a RESET button on the main electrical control box or panel. This feature is on the infrared machines only. The purpose of the RESET is to "stage" the control circuit for operation. In the case of a power outage or interruption, the control is locked out and will not operate until the circuit is reset by depressing the RESET button. This is a safety feature, and must not be bypassed.

Note: All of the infrared gas heated machines use a 120v control circuit regardless of the voltage of the machine voltage.

ALWAYS DISCONNECT OR TURN MAIN POWER SUPPLY OFF TO MACHINE BEFORE PERFORMING ANY MAINTENANCE OR SERVICE ON YOUR STERO EQUIPMENT.

INFRARED GAS VENTING INSTRUCTIONS

Your Stero dishwasher equipped with infrared gas tank heat will be supplied from the factory with a stainless steel exhausting system which terminates approximately 5-1/2" above the hood of the dishwasher, always in the rear of the machine. Since your Stero dishwasher with infrared gas tank heat is not intended to be directly connected to a ventilation system, an air gap must be provided. Do not make a sealed connection to the machine exhaust stack system. Refer to Stero drawing no. C20-1384 for factory recommended venting. Also, always refer to the National Fuel Gas Code book for venting requirements.

All venting must be made to the atmosphere.

COMPLY WITH ALL LOCAL VENTING CODES.

ADJUSTMENTS AND TESTS

- 1. Water and steam lines must be bled before final connection to the machine in order to remove any soil and dirt which may have accumulated.
- 2. When steam heat exchanger is supplied, the trap on same must be bled.
- 3. When infrared gas heat exchanger is supplied, you must make sure that you have sufficient gas pressure in the lines for proper operation. Natural gas manifold pressure must be 3" water column. LP gas must be 8" water column. Measure the manifold pressure at the 1/8" NPT pressure taps on the gas valves with a manometer.
- 4. Check inlet and outlet water temperatures to meet the following requirements, in order to assure satisfactory operation.

cold water - inlet line to fill valve of scrapper tank, and for cold water aquastat when supplied.

140°F - inlet line to fill valve of wash tank.

140°F - inlet line to heat exchanger (when supplied).

180°F - outlet from heat exchanger (when supplied).

180°F - final rinse measured at the dish.

180°F - inlet to power wash and power rinse fill valve (when supplied)

5. The motor(s), heat exchanger(s), gas regulator(s), orifice(s), and all other adjustable parts are connected and set at the factory and should need no further adjustments.

CONVEYOR MACHINE OPERATING INSTRUCTIONS

- 1. Close all drain valves, install curtains, strainer pans, and close all doors. The door safety switches will prevent the machine from operating with the doors open.
- 2. Turn on the circuit breakers:
- 3. Turn SAFETY switch to the ON position.
- 4. Depress the RESET button (if equipped with the infrared gas tank heat option), this will stage the control circuit.

Note: If there is an power outage or an interruption to the power supply, the control is manually locked out and will not operate until the circuit is reset by depressing the RESET button. This is a safety feature, and must not be bypassed.

Operating instructions continued

- 5. Turn valve on at each gas valve.
- 6. Push the FILL button. The light will illuminate until all of the tanks fill to their proper level with 140°F 150°F water.
 6a. If your machine is not equipped with automatic fill, manually open the fill valves until the water reaches the overflow level, then close the valves.
- 7. Push the BOOSTER button (if equipped), and the light will illuminate.
- Push the TANK HEAT button. The light will illuminate.

Note: Tank heat will not operate until all of the tanks are filled. Wait a sufficient amount of time to let the tanks reach the desired operating temperatures.

- 9. After the tanks are heated to the proper operating temperatures, push the START button (if equipped). Pumps and conveyor drive will operate. If your machine is equipped with automatic start, the start up of the machine is activated by placing a rack into the load end of the machine. The machine will stop automatically when the shut down timers pre-set time expires. The time is reset when another dish rack is inserted.
- 10. When the dish rack reaches the final rinse, it will trip the final rinse lever and the final rinse will spray sanitizing water over the ware.
- 11. The temperature gauges measure the temperature of water flowing through the manifolds. The pumps must be operating before a valid reading can be obtained. Verify that temperature readings comply with the ranges on the gauges.
- 12. The final rinse flow pressure should be adjusted to 20 psi for correct rinse flow over the ware.
- 13. An optional table limit switch will stop the conveyor drive and pump motors when a dish rack approaches the end of the clean dish table.
- 14. Turn the TANK HEAT switch(es) off before draining the tanks.
- 15. Turn the SAFETY switch off at the end of the operating period, or before cleaning or servicing the dishwasher.
- 16. Clean the machine in accordance with the daily maintenance procedures. Remember, you cannot get clean, sanitized ware from a dirty machine!

PREVENTIVE MAINTENANCE

It is surprising how many future repairs will be prevented by completing regular maintenance.

- 1. Pump motor(s): All of the pump motors are fitted with grease sealed ball bearings, and do not require grease or oiling for the life of the motor(s).
- 2. Gear box: The motor gear unit also has sealed bearings and does not require grease or oiling for the life of the motor. However, an inspection of the oil level in the gear box should be made at least once a year. We recommend a good brand of SAE90 gear oil be used.
- 3. Line strainers: Hot and cold water lines to the machine are equipped with line strainers, and are easily recognized. The are located close to the solenoid valves. Before the final rinse connection is made, these lines should be blown out so as to clear out any scale or sediments from lodging in the equipment which they are connected to. As it becomes necessary to clean the strainers, remove the plug at the bottom of the strainers, clean, and reinstall.

Preventive maintenance continued.

- 4. Conveyor system: On the drive mechanism which moves the conveyor bar(s), all moving parts should be regularly greased with a good multi purpose lithium grease, and/or the use of a good lubricating oil such as WD-40 is recommended on all moving parts of the machine to aid in the life of the machine.
- 5. Electrical switches: Some of the switches such as the TANK HEAT, FILL, BOOSTER, use lights internal to the switches. If the bulb fails, immediate replacement is recommended. The face of the switch unscrews for easy replacement of the bulbs. These switches are illuminated for the purpose of safe operation of the equipment.
- 6. Infrared burners and system: Even though the system is protected by the frame of the machine, and sheet metal surrounding the blower(s), periodical inspection of components for damage or blockage is recommended. The blower intake area should be checked for obstructions and wiped free of dirts and oils on a regular basis.
- 7. Rinse savers: The rinse saver pan located in the final rinse area of your dishwasher should be checked regularly for obstructions in the pipes, and proper adjustment of the flapper to allow for flow of final rinse water not to exceed 2 gallons per minute in the wash tank(s).
- 8. Wash arms: All wash arms should be checked regularly for obstructions and securely kept in place with all end caps attached.
- 10. Drain valve(s): All of the drain valves should be checked for obstructions and proper operation. A leaking seat on a drain valve can cost you in unnecessary water, soap, and energy consumption.
- 11. Curtains: All of the curtains should cleaned regularly and checked for wear and tear. Replace if necessary.
- 9. Leaks: All leaks should be fixed whenever they occur.

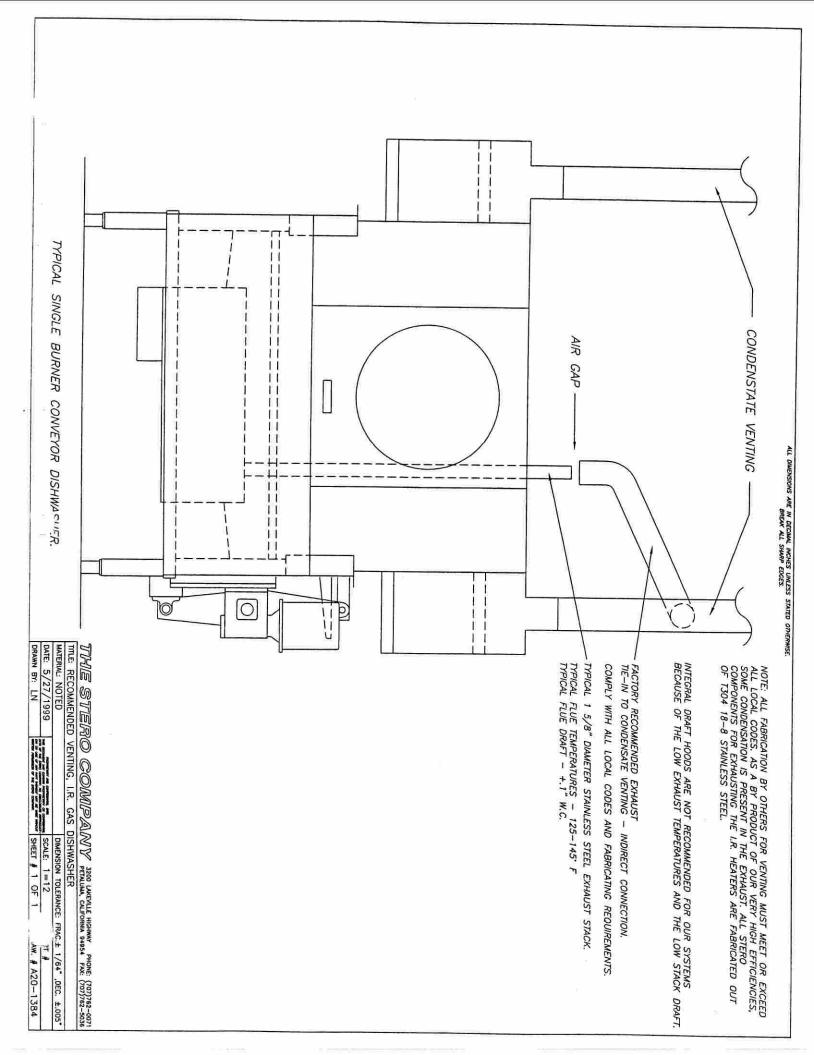
DAILY MAINTENANCE

Cleanliness is one of the most important things in any scullery. Clean equipment prevents repair problems, and most important of all, it gives you *clean*, *sanitary ware*. This is best accomplished by establishing a daily procedure, and by selecting a supervisor, if possible, to see that it is properly done.

At the end of each shift or washing period, the following steps will insure proper results from your Stero dishwasher.

- 1. SHUT OFF ALL POWER TO THE MACHINE BEFORE CLEANING OR SERVICING. If the machine is steam heated, turn off the steam supply to the machine. If gas heated, turn off the gas supply to the machine.
- 2. Drain the machine.
- 3. Open all doors and remove wash arms, scrap screens, and curtains. The wash arm end caps should be removed and the wash arms should now be cleaned in a sink, or flushed out with a hose.
- 4. Wash, scrub, and rinse down the inside of the machine. All refuse in the bottom of the tanks should be flushed down the drain(s). Remove any foreign matter that might remain between the drain poppet and the seat of the drain(s).
- 5. Clean the exterior of the machine with a good, acceptable stainless steel cleaner. Lemon oil may be used.
- 6. The floor around the base of the machine and under the table should also be cleaned to prevent soil accumulation.
- 7. All interior components removed from the machine should now be reinstalled. Leave all the doors open to allow the interior of the machine to air dry.

Always remember, a clean machine is a well maintained machine. You can't get clean, sanitized ware from a dirty machine!



FINAL RINSE BOOSTER

The final rinse booster supplied with the equipment is sized so as to supply adequate gallonage of 180°F to 195°F water per minute to the final rinse. To do this it should have an incoming water supply of 140°F of at least 20 to 25 psi flow pressure. If the booster is steam heated, it should also have an adequate steam supply of at least 15 to 40 psi. Water and steam lines to the booster should be sized as indicated on the drawings or called for in the specification. The electrical power supply to the booster should be of the required voltage and phasing as called for in the drawings or specifications.

The temperature in the final rinse is controlled by a <u>FENWALL</u> thermostat unit. If it becomes necessary to adjust the final rinse temperature, refer to the thermostat section for the proper procedure. The tank heat in the power wash and power rinse tanks are also controlled by a thermostat. If it becomes necessary to adjust these temperatures, please refer to the thermostat section which contains the needed information as how to adjust them.

INFRARED BURNER SYSTEM AND OPERATING SEQUENCE

Your Stero dishwasher equipped with the infrared gas heaters is based on a simple operating premise and parts, when coupled together with good maintenance, will provide long reliable service. The following parts make up the "system". Refer to the exploded isometric views further on in this manual for part identification and relation to assembly.

- 1. Adjustable gas regulator(s).
- 2. Electromechanical gas valve(s).
- 3. Silicon carbide hot surface igniter(s).
- 4. Flame sensor(s).
- 4. Air blower(s).
- 5. Electromechanical air switch(es) with air line(s) connected to the blower(s).
- 6. Controller(s).
- 7. Gas lines from valves to mixing chamber(s).
- 8. Orifice(s).
- 9. Cylindrical infrared gas burner(s).
- 10. Stainless steel heat exchanger(s).
- 12. Heat recirculation box(es) and exhaust tube(s).
- 13. Gaskets, fastners, and brackets.

All of the components require simple tools for disassembly and reassembly and are generally straight forward. 1. The gas plumbing connections should be made with a good acceptable pipe compound to eliminate leakage. This includes the plumbing to the machine common gas line(s), the regulator(s), gas valve(s), gas line(s) from the valve to the mixing chamber(s), plumbing connection(s) to the infrared gas burner(s). Never over tighten the connections for this may cause undue breakage or premature part failures.

Your Stero dishwasher should require no initial adjustments, however, upon initial installation, servicing or replacement of parts consider the following operating sequence for proper operation. The system(s) are designed to run on both natural, and LP gas. All of the components will be preset at the factory. Upon part replacement or servicing, the system may need to be readjusted to meet the original factory specifications.

SEQUENCE OF EVENTS

After machine is installed to the manufacturers specifications and to all local and state codes, the *INFRARED GAS TANK HEAT SYSTEMS* will operate in the following sequence.

I. DISHWASHER WITH AUTO-START OPTION.

- 1. Turn the main power supply to the dishwasher on.
- 2. Switch the gas valve(s) to the ON position.
- 3. Turn the SAFETY switch located on the main electrical control box or panel to the ON position.
- 4. Depress the RESET button located on the main electrical control box or panel, which will "stage" the control circuit.
- 5. Fill the machine with water to the proper level(s).
- 6. Depress the TANK HEAT button(s) located on the main electrical control box or panel, and if the thermostats, high limits, and low water cutoff float switches are satisfied, the following should take place:
- a. The blower(s) will start, and the BLOWER light located on the main electrical control box or panel will illuminate indicating operation.
- b. The air switch(es) will then read the blower pressure and complete the circuit.
- c. The igniter(s) will then heat up to temperature.
- d. The gas valve(s) will then open and start the mix of air/fuel in the burner(s), and the BURNER light located on the main electrical control box or panel will illuminate indicating operation.
- e. Ignition of the burners will then take place, and the system(s) should run smoothly and quietly.

To turn the burner(s) off, depress the illuminated TANK HEAT button(s), and the system(s) will turn off.

II. DISHWASHER WITH MANUAL-START OPTION.

- 1. Turn the main power supply to the dishwasher on.
- 2. Switch the gas valves to the ON position.
- 3. Depress the RESET button located on the main electrical control box or panel, which will "stage" the control circuit.
- 4. Fill the machine with water to the proper level(s).
- 5. Depress the TANK HEAT button(s) located on the main electrical control box or panel, and if the thermostats, high limits, and low water cutoff float switches are satisfied, the following should take place:
- a. The blower(s) will start, and the BLOWER light located on the main electrical control box or panel will illuminate indicating operation.
- b. The air switch(es) will then read the blower pressure and complete the circuit.
- c. The igniter(s) will then heat up to temperature.
- d. The gas valve(s) will then open and start the mix of air/fuel in the burner(s), and the BURNER light located on the main electrical control box or panel will illuminate indicating operation.
- e. Ignition of the burners will then take place, and the system(s) should run smoothly and quietly.

To turn the burner(s) off, depress the illuminated TANK HEAT button(s), and the system(s) will turn off.

STW TROUBLE SHOOTING

PROBLEM	1004 500	
TRODLLIN	LOOK FOR	CORRECTION
MACHINE WILL NOT START.	2-DOOR OPEN. 3-SAFETY SWITCH OFF. 4-TABLE LIMIT SWITCH. (OPTIONAL EQUIPMENT)	1-TRIP CIRCUIT BREAKER ON. 2-DOOR MUST BE CLOSED. THE MACHINE IS EQUIPPED WITH A DOOR SAFETY SWITCH WHICH DISRUPTS THE CONTROL CIRCUIT WHEN THE DOOR IS OPEN. 3-TURN SAFETY SWITCH TO "ON". 4-TABLE LIMIT SWITCH, IF SUPPLIED, IS LOCATED AT THE CLEAN END OF THE MACHINE. CHECK TO BE SURE THE SWITCH IS CLEAR. A TRAY PUSHED AGAINST THIS SWITCH WILL OPEN THE PUMP & CONVEYOR DRIVE CIRCUIT & MACHINE WILL NOT RUN.
MACHINE WILL NOT FILL.	1-CIRCUIT BREAKERS OFF. 2-SAFETY SWITCH OFF. 3-DOOR OPEN. 4-DRAIN VALVES OPEN. 5-FLOAT SWITCH.	1-TURN CIRCUIT BREAKER ON. 2-TURN SAFETY SWITCH TO "ON". 3-CLOSE DOOR TO CLOSE DOOR SAFETY SWITCH. 4-CLOSE DRAIN VALVES. 5-FLOAT INSIDE TANK MUST BE IN THE DOWN POSITION.
FILL WILL NOT SHUT OFF.	1-DRAINS OPEN OR VALVE SEAT BLOCKED OPEN. 2-FLOAT STUCK IN DOWN POSITION.	1-CLOSE DRAINS-IF WATER CONTINUES TO LEAK OUT, CHECK THE O-RING & POPPET VALVE SEAT. 2-FLOAT MUST BE FREE TO TRAVEL UP & DOWN BETWEEN THE STOPS.
MACHINE WILL NOT SHUT DOWN AUTOMATICALLY.	1-TIMER LOCATED IN CONTROL CONSOLE .	1-TIMER LOOSE IN SOCKET-PRESS FIRMLY IN. REPLACE TIMER IF NECESSARY.
MACHINE OVER-FLOWS.	1-SCRAP TRAYS CLOGGED WITH SOILS. NOT ALLOWING PUMPED WATER TO RETURN TO TANK. 2-OVER-FLOW DRAIN PIPE CLOGGED.	1-SHUT DOWN MACHINE, DRAIN, REMOVE SCRAP TRAYS & CLEAN. 2-REMOVE OVER-FLOW COVER & CLEAN OUT STAND PIPE.
10 A 1	-	D K &

STW TROUBLE SHOOTING

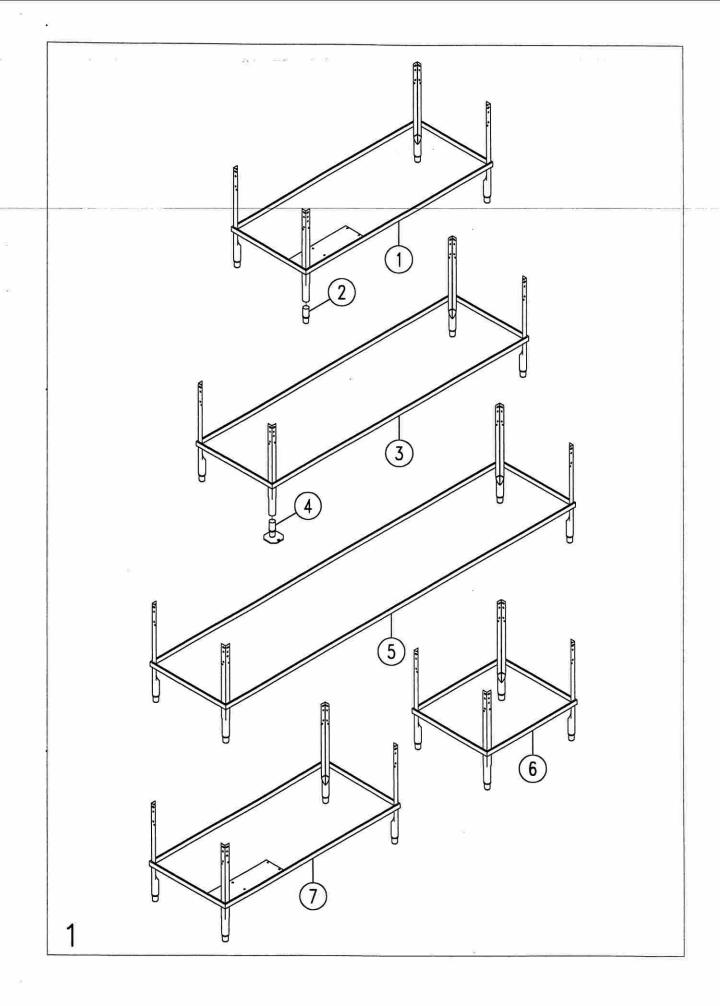
PROBLEM	LOOK FOR	CORRECTION
I TOOLLIVI	1-TANK HEAT IS NOT ON.	Company of the same in the same of
	2-TANK HEAT IS TOO LOW.	1-TURN ON TANK HEAT. 2-ADJUST THERMOSTAT WASH TEMPERATURE-150 F.
MACHINE IC NOT RELIGINA	3-SPRAY JETS PLUGGED.	3-CHECK ALL SPRAY JETS IN WASH MANIFOLD, PUMPED RINSE ARMS & FINAL RINSE ARMS. CLEAN OUT JETS IF NECESSARY.
MACHINE IS NOT DELIVERING CLEAN DISHWARE.	4-EXCESSIVE FOAM.	4-MACHINE IS NOT CLEAN. DRAIN, CLEAN SCRAP TRAYS. EXCESSIVE DRYING AGENT (CALL CHEMICAL SUPPLIER TO ADJUST).
	5-FINAL RINSE TEMP. TO LOW.	5-ADJUST HOT WATER SUPPLY HEATER-140 F. MINIMUM.
	6-NOT DISPENSING CHEMICAL.	6-CHECK CHEMICAL CONTAINERS- EMPTY, REPLACE. DISPENSER NOT WORKING, CALL CHEMICAL
	1-CIRCUIT BREAKER AND/OR DISCONNECT SWITCH. 2-HEATING ELEMENT.	SUPPLIER. 1-TURN ON BREAKER & DISCONNECT SWITCH. 2-CHECK AMPERAGE DRAW WITH
TANK HEAT TOO LOW (ELECTRIC).	DISCONNECT SWITCH. 3-EXHAUST AIR DUCTS.	AN AMPERAGE PROBE. 3-CLOSE DAMPERS IN EXHAUST DUCTS & OPEN UNTIL STEAM STOPS ESCAPING FROM MACHINE, TIGHTEN BOLTS.
	4-FILL SOLENOID/FLOAT SWITCH	4-FILLING CONSTANTLY COULD COOL WATER.
	1-STEAM SOLENOID VALVE.	1-VERIFY THE STEAM VALVE IS OPENING FULLY.
	2-STEAM TRAP.	2-OPEN CONDENSTATE RETURN LINE AFTER THE TRAP, TRAP SHOULD CYCLE EVERY 5-10 SECONDS.
TANK HEAT TOO LOW (STEAM).	3-LINE STRAINER.	3-CHECK SCREENS IN STRAINERS LINE AFTER THE TRAP, TRAP FOR CLOGGING.
	4-EXHAUST AIR DUCTS.	4-CLOSE DAMPERS IN EXHAUST DUCTS & OPEN UNTIL STEAM STOPS ESCAPING FROM MACHINE, TIGHTEN BOLTS.
	5-FILL SOLENOID/FLOAT SWITCH	5-FILLING CONSTANTLY COULD COOL WATER.
	n V ve 2004e	

TABLE OF CONTENTS

DESCRIPTION	PAGE
TYPICAL FRAMES	1-2
TYPICAL ENCLOSURE PANELS	3-4
TYPICAL TANKS	5-6
STRAINER PANS	7-8
TYPICAL HOOD/DOOR ASSEMBLY	9-10
CURTAINS & RODS	11-12
PUMP & MOTOR ASSEMBLY	13-14
CONVEYOR BELT ASSEMBLY	15-16
CONVEYOR BELT DRIVE ASSEMBLY	17-18
CONVEYOR SPEED CONTROL BOX	19-20
TRACK & FENCE ASSEMBLY	21-22
CONVEYOR STOP BAR ASSEMBLY	23-24
SPRAY MANIFOLD ASSEMBLY	25-26
FINAL RINSE ASSEMBLY	27-28
CHEMICAL PUMP ASSEMBLY	29-30
RINSE RAKE ASSEMBLY	31-32
STEAM COIL/INJECTOR ASSEMBLY	33-34
INFRARED GAS TANK HEAT ASSEMBLY	35-36
INFRARED EXHAUST ASSEMBLY	37-38
BLOWER DRYER ASSEMBLY	39-40
STEAM BOOSTER TYPES	41-42
COMMON PARTS PLUMBING	43-44
PLUMBING ASSEMBLY	45-46

TABLE OF CONTENTS CONTINUED

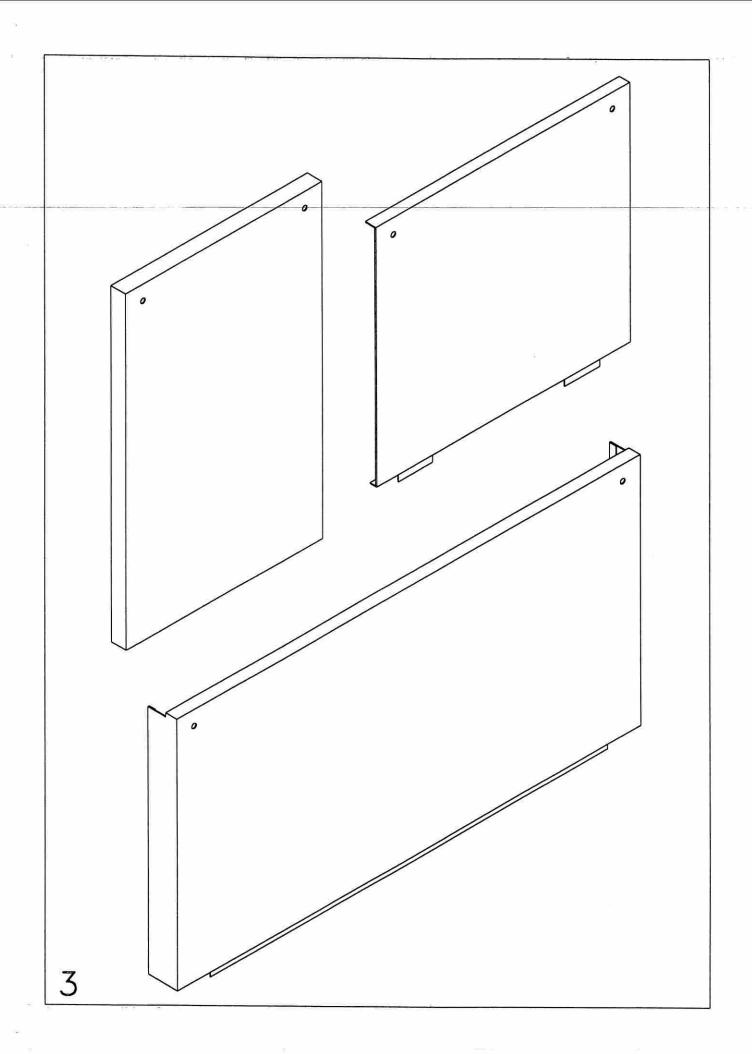
DESCRIPTION	PAGE
DRAIN & OVERFLOW ASSEMBLY	47-48
TEMPERATURE & PRESSURE GAUGE ASSEMBLY	49-50
TYPICAL CONTROL BOX	51-52
SWITCH ASSEMBLIES	53-56
CONTROL BOX COMPONENTS	57-60
START/STOP STATION ASSEMBLY	61-62
FLOAT SWITCH ASSEMBLY	63-64
NEW STYLE FLOAT SWITCH ASSEMBLY	65-66
THERMOSTATS & ELEMENTS	67-68
ELECTRICAL FITTINGS	69-70
WASHDOWN HOSE	71-72
×	
e	
* * * * * * * * * * * * * * * * * * *	



TYPICAL FRAMES

ITEM	DESCRIPTION	REMARKS	PART #
1	FRAME, SINGLE TANK		*
2 3	BULLET FOOT ADJUSTABLE LONG		P60-1279
3	FRAME, DOUBLE TANK		*
4	SEISMIC FOOT		*
5	FRAME, TRIPLE TANK		*
6 7	FRAME, LOAD END		*
1	FRAME, UNLOAD END	 	*
* C	CALL FACTORY WITH MODEL & SERIAL NU	JMBFRS (800)	762-7600
	WILL THOUSE WITH MODEL & SERVICE TO	SWIBERG (666)	702 7000
		1	

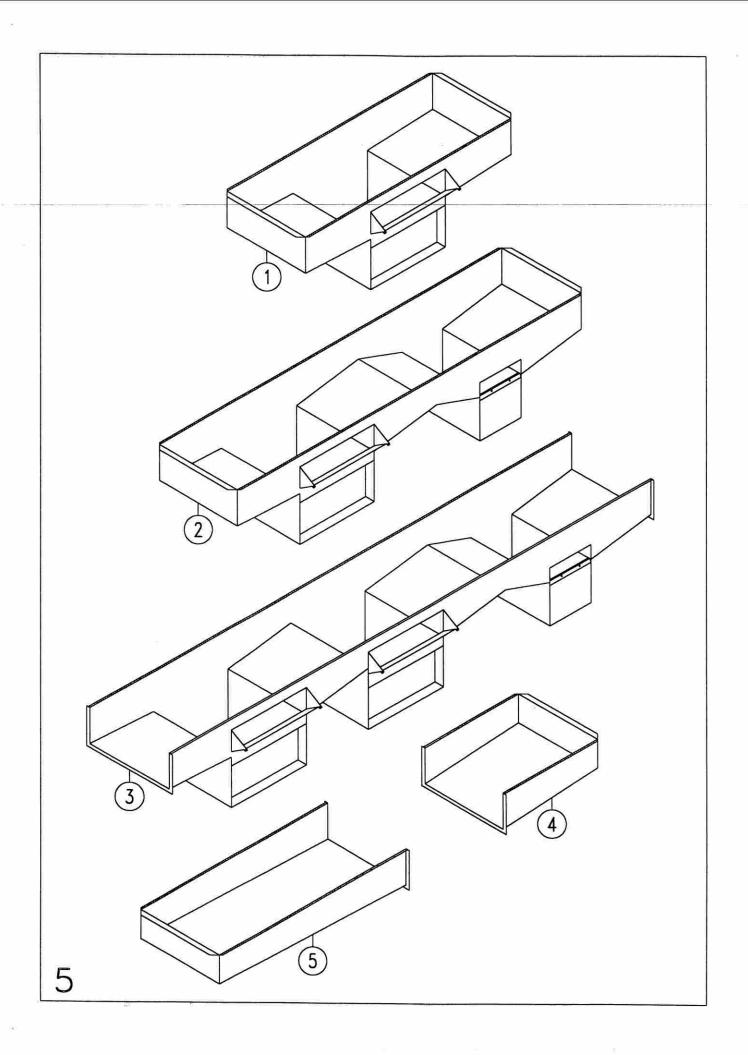
2			
		-	,



TYPICAL ENCLOSURE PANELS

ITEM	DESCRIPTION	REMARKS	PART #
	TO ORDER PANELS CALL FACTORY WITH		
	TO ORDER PANELS CALL FACTORY WITH MODEL#, SERIAL#, LOCATION OF PANEL, AND EXACT SIZES (800) 762-7600.		
	AND EXACT SIZES (800) 762-7600.		
			J

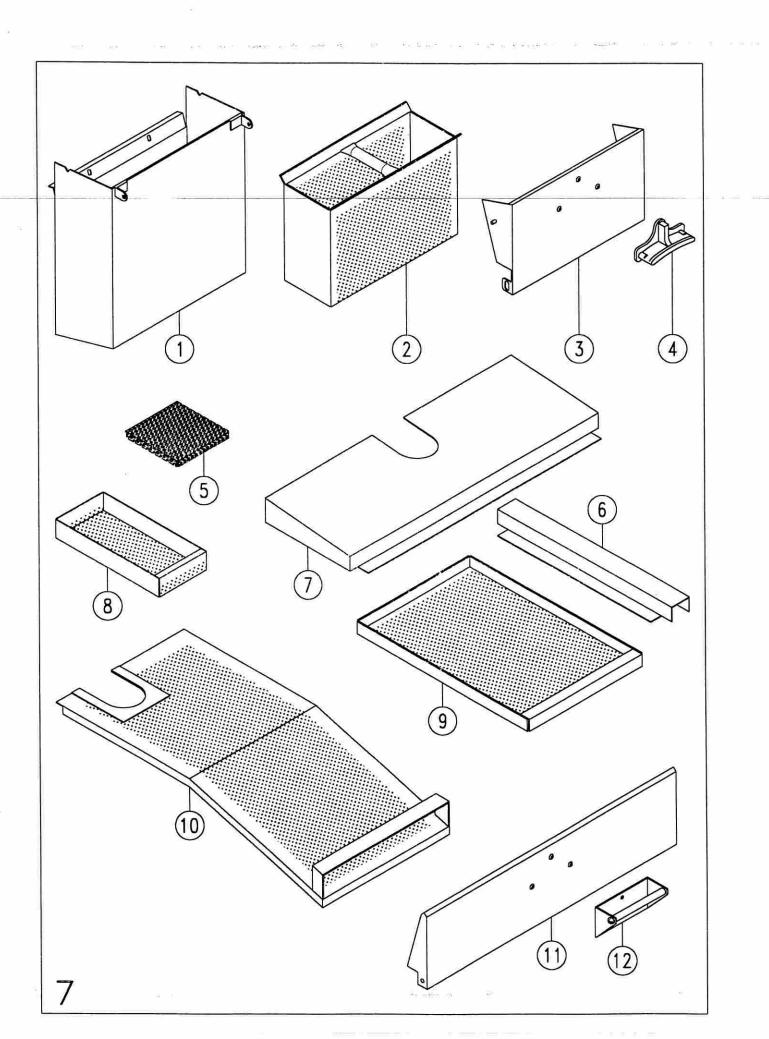
SUPPLY MACHINE MODEL & SERIAL NUMBER



TYPICAL TANKS

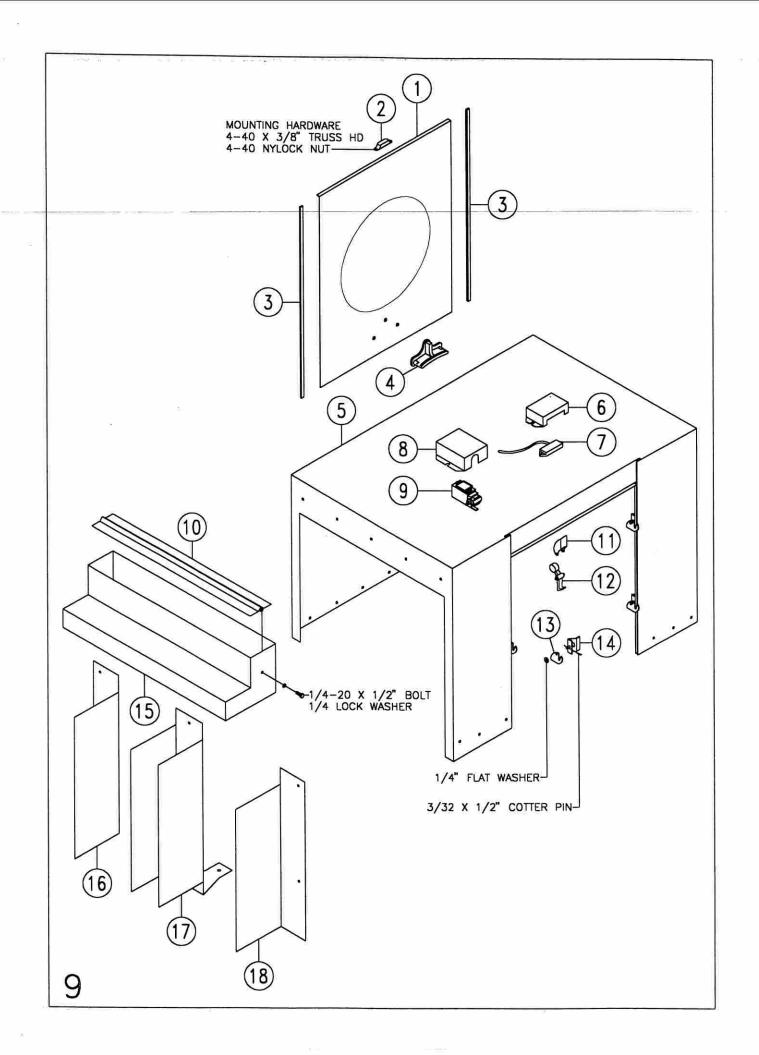
ITEN	0.500.5		
ITEM	DESCRIPTION	REMARKS	PART #
1	SINGLE TANK		*
3	DOUBLE TANK TRIPLE TANK		*
4	LOAD END TANK		*
5	UNLOAD END TANK		*
+ 0	ALL FACTORY WITH MODEL & CERIAL	NUMBERS (888)	700 7000
	ALL FACTORY WITH MODEL & SERIAL	NOWBERS (800)	762-7600
			!
		=======================================	7
			_
			*
_			
	CUDDLY MACHINE MODEL A	- MAINENAL IN THE RESPONSE CONTRACTOR	_

SUPPLY MACHINE MODEL & SERIAL NUMBER



STRAINER PANS

DESCRIPTION REMARKS PART # SCRAP CATCHMENT STRAINER BASKET STW (SPECIFY SIZE) SDOOR SCRAP CATCHMENT HANDLE DOOR W/SCREWS (PLASTIC) SCREEN, DRAIN 5-1/4" X 5-1/4" SPACER STW (SPECIFY WIDE SIZE) PAN DEFLECTOR STW WASH/RINSE STRAINER PAN STW WASH/RINSE STRAINER PAN STW WASH/RINSE STRAINER PAN STW WASH/RINSE TANK (16-1/2" X 11" X 1") STRAINER PAN STW SCRAP TANK (24" X 12-1/4" X 1") STRAINER PAN STW (SPECIFY SIZE) HANDLE, DOOR S.S. NOTE: MANY STW SCREENS ARE CUSTOM (CALL FACTORY WITH SIZES) * CALL FACTORY WITH MODEL & SERIAL NUMBERS (800) 762-7600				
1 SCRAP CATCHMENT 2 STRAINER BASKET STW (SPECIFY SIZE) 3 DOOR SCRAP CATCHMENT 4 HANDLE DOOR W/SCREWS (PLASTIC) 5 SCREEN, DRAIN 5-1/4" X 5-1/4" A10-2616 6 SPACER STW (SPECIFY WIDE SIZE) 7 PAN DEFLECTOR STW WASH/RINSE 8 STRAINER PAN (9-7/8" X 4-1/2" X 1-1/2") 9 STRAINER PAN STW WASH/RINSE TANK (16-1/2" X 11" X 1") 10 STRAINER PAN STW SCRAP TANK S# REQ'D A10-5190 (24" X 12-1/4" X 1") 11 DOOR, INSPECTION STW (SPECIFY SIZE) 12 HANDLE, DOOR S.S. NOTE: MANY STW SCREENS ARE CUSTOM (CALL FACTORY WITH SIZES) * CALL FACTORY WITH MODEL & SERIAL NUMBERS (800) 762-7600	ITEM	DESCRIPTION	REMARKS	PART #
2 STRAINER BASKET STW (SPECIFY SIZE) S# REQ'D A10-5191 3 DOOR SCRAP CATCHMENT * 4 HANDLE DOOR W/SCREWS (PLASTIC) B10-1448 5 SCREEN, DRAIN 5-1/4" X 5-1/4" A10-2616 6 SPACER STW (SPECIFY WIDE SIZE) * 7 PAN DEFLECTOR STW WASH/RINSE * 8 STRAINER PAN (9-7/8" X 4-1/2" X 1-1/2") 9 STRAINER PAN STW WASH/RINSE TANK (16-1/2" X 11" X 1") 10 STRAINER PAN STW SCRAP TANK S# REQ'D A10-5192 (24" X 12-1/4" X 1") 11 DOOR, INSPECTION STW (SPECIFY SIZE) S# REQ'D A10-3314 NOTE: MANY STW SCREENS ARE CUSTOM (CALL FACTORY WITH SIZES) * CALL FACTORY WITH MODEL & SERIAL NUMBERS (800) 762-7600	1	SCRAP CATCHMENT		
3 DOOR SCRAP CATCHMENT 4 HANDLE DOOR W/SCREWS (PLASTIC) 5 SCREEN, DRAIN 5-1/4" X 5-1/4" 6 SPACER STW (SPECIFY WIDE SIZE) 7 PAN DEFLECTOR STW WASH/RINSE 8 STRAINER PAN (9-7/8" X 4-1/2" X 1-1/2") 9 STRAINER PAN STW WASH/RINSE TANK (16-1/2" X 11" X 1") 10 STRAINER PAN STW SCRAP TANK S# REQ'D A10-5190 (24" X 12-1/4" X 1") 11 DOOR, INSPECTION STW (SPECIFY SIZE) S# REQ'D A10-3314 NOTE: MANY STW SCREENS ARE CUSTOM (CALL FACTORY WITH SIZES) ** CALL FACTORY WITH MODEL & SERIAL NUMBERS (800) 762-7600	2		S# RFQ'D	
## HANDLE DOOR W/SCREWS (PLASTIC) SCREEN, DRAIN 5-1/4"	3	DOOR SCRAP CATCHMENT	- σ ₁₁ · ,,2 q σ	
5 SCREEN, DRAIN 5-1/4" X 5-1/4" A10-2616 6 SPACER STW (SPECIFY WIDE SIZE) * 7 PAN DEFLECTOR STW WASH/RINSE * 8 STRAINER PAN (9-7/8" X 4-1/2" X 1-1/2") 9 STRAINER PAN STW WASH/RINSE TANK (16-1/2" X 11" X 1") 10 STRAINER PAN STW SCRAP TANK (24" X 12-1/4" X 1") 11 DOOR, INSPECTION STW (SPECIFY SIZE) S# REQ'D A10-5190 12 HANDLE, DOOR S.S. A10-3314 NOTE: MANY STW SCREENS ARE CUSTOM (CALL FACTORY WITH SIZES) * CALL FACTORY WITH MODEL & SERIAL NUMBERS (800) 762-7600	4	HANDLE DOOR W/SCREWS (PLASTIC)		B10-1448
6 SPACER STW (SPECIFY WIDE SIZE) 7 PAN DEFLECTOR STW WASH/RINSE 8 STRAINER PAN (9-7/8" X 4-1/2" X		SCREEN, DRAIN 5-1/4" X 5-1/4"		
# STRAINER PAN (9-7/8" X 4-1/2" X	6	SPACER STW (SPECIFY WIDE SIZE)		
1-1/2") 9 STRAINER PAN STW WASH/RINSE TANK (16-1/2" X 11" X 1") 10 STRAINER PAN STW SCRAP TANK (24" X 12-1/4" X 1") 11 DOOR, INSPECTION STW (SPECIFY SIZE) HANDLE, DOOR S.S. ** CALL FACTORY WITH MODEL & SERIAL NUMBERS (800) 762-7600		PAN DEFLECTOR STW WASH/RINSE		*
(16-1/2" X 11" X 1") STRAINER PAN STW SCRAP TANK (24" X 12-1/4" X 1") 11 DOOR, INSPECTION STW (SPECIFY SIZE) S# REQ'D A10-5203 12 HANDLE, DOOR S.S. NOTE: MANY STW SCREENS ARE CUSTOM (CALL FACTORY WITH SIZES) * CALL FACTORY WITH MODEL & SERIAL NUMBERS (800) 762-7600 ** ** ** ** ** ** ** ** **	8	STRAINER PAN $(9-7/8" \times 4-1/2" \times 4-1/2$		*
(16-1/2" X 11" X 1") STRAINER PAN STW SCRAP TANK (24" X 12-1/4" X 1") 11 DOOR, INSPECTION STW (SPECIFY SIZE) S# REQ'D A10-5203 12 HANDLE, DOOR S.S. NOTE: MANY STW SCREENS ARE CUSTOM (CALL FACTORY WITH SIZES) * CALL FACTORY WITH MODEL & SERIAL NUMBERS (800) 762-7600 ** ** ** ** ** ** ** ** **	0	1-1/2)		
10 STRAINER PAN STW SCRAP TANK (24" X 12-1/4" X 1") (24" X 12-1/4" X 1") 11 DOOR, INSPECTION STW (SPECIFY SIZE) S# REQ'D A10-5203 12 HANDLE, DOOR S.S. A10-3314 NOTE: MANY STW SCREENS ARE CUSTOM (CALL FACTORY WITH SIZES) * CALL FACTORY WITH MODEL & SERIAL NUMBERS (800) 762-7600	9			A10-5192
11 DOOR, INSPECTION STW (SPECIFY SIZE) S# REQ'D A10-5203 12 HANDLE, DOOR S.S. A10-3314 NOTE: MANY STW SCREENS ARE CUSTOM (CALL FACTORY WITH SIZES) * CALL FACTORY WITH MODEL & SERIAL NUMBERS (800) 762-7600	10		כון סרסים	110 5100
11 DOOR, INSPECTION STW (SPECIFY SIZE) S# REQ'D A10-5203 12 HANDLE, DOOR S.S. A10-3314 NOTE: MANY STW SCREENS ARE CUSTOM (CALL FACTORY WITH SIZES) * CALL FACTORY WITH MODEL & SERIAL NUMBERS (800) 762-7600	10	(24" V 12 1/4" V 1")	S# REQ'D	A10-5190
12 HANDLE, DOOR S.S. A10-3314 NOTE: MANY STW SCREENS ARE CUSTOM (CALL FACTORY WITH SIZES) * CALL FACTORY WITH MODEL & SERIAL NUMBERS (800) 762-7600	11	DOOR INSPECTION STW (SPECIES SIZE)	C# DEO'D	A10 5007
NOTE: MANY STW SCREENS ARE CUSTOM (CALL FACTORY WITH SIZES) * CALL FACTORY WITH MODEL & SERIAL NUMBERS (800) 762-7600		HANDLE DOOR SS	S# NEQ D	
* CALL FACTORY WITH MODEL & SERIAL NUMBERS (800) 762-7600		THREE, BOOK 3.3.		A10-3314
* CALL FACTORY WITH MODEL & SERIAL NUMBERS (800) 762-7600				
* CALL FACTORY WITH MODEL & SERIAL NUMBERS (800) 762-7600	NOTE	: MANY STW SCREENS ARE CUSTOM (CA	LL FACTORY V	WITH SIZES)
SUPPLY MACHINE MODEL & SERIAL NUMBER 8	* C	ALL FACTORY WITH MODEL & SERIAL NUI	MBERS (800)	762-7600
SUPPLY MACHINE MODEL & SERIAL NUMBER 8				
SUPPLY MACHINE MODEL & SERIAL NUMBER 8				
SUPPLY MACHINE MODEL & SERIAL NUMBER 8				
SUPPLY MACHINE MODEL & SERIAL NUMBER 8				
SUPPLY MACHINE MODEL & SERIAL NUMBER 8	ā			
SUPPLY MACHINE MODEL & SERIAL NUMBER 8				
SUPPLY MACHINE MODEL & SERIAL NUMBER 8				
SUPPLY MACHINE MODEL & SERIAL NUMBER 8				
SUPPLY MACHINE MODEL & SERIAL NUMBER 8				
SUPPLY MACHINE MODEL & SERIAL NUMBER 8				
SUPPLY MACHINE MODEL & SERIAL NUMBER 8				
SUPPLY MACHINE MODEL & SERIAL NUMBER 8				
SUPPLY MACHINE MODEL & SERIAL NUMBER 8				
SUPPLY MACHINE MODEL & SERIAL NUMBER 8				
SUPPLY MACHINE MODEL & SERIAL NUMBER 8				
SUPPLY MACHINE MODEL & SERIAL NUMBER 8				
SUPPLY MACHINE MODEL & SERIAL NUMBER 8			-	
SUPPLY MACHINE MODEL & SERIAL NUMBER 8				- 2
SUPPLY MACHINE MODEL & SERIAL NUMBER 8				
SUPPLY MACHINE MODEL & SERIAL NUMBER 8				
SUPPLY MACHINE MODEL & SERIAL NUMBER 8				
SUPPLY MACHINE MODEL & SERIAL NUMBER 8				
SUPPLY MACHINE MODEL & SERIAL NUMBER 8				
SUPPLY MACHINE MODEL & SERIAL NUMBER 8				
SOLLT MACHINE MODEL & SEKIAL NOWREK		SLIDDLY MACHINE MODEL & CED		C
		SUFFLI MACHINE MUDEL & SER	IAL NUMBER	Ŏ

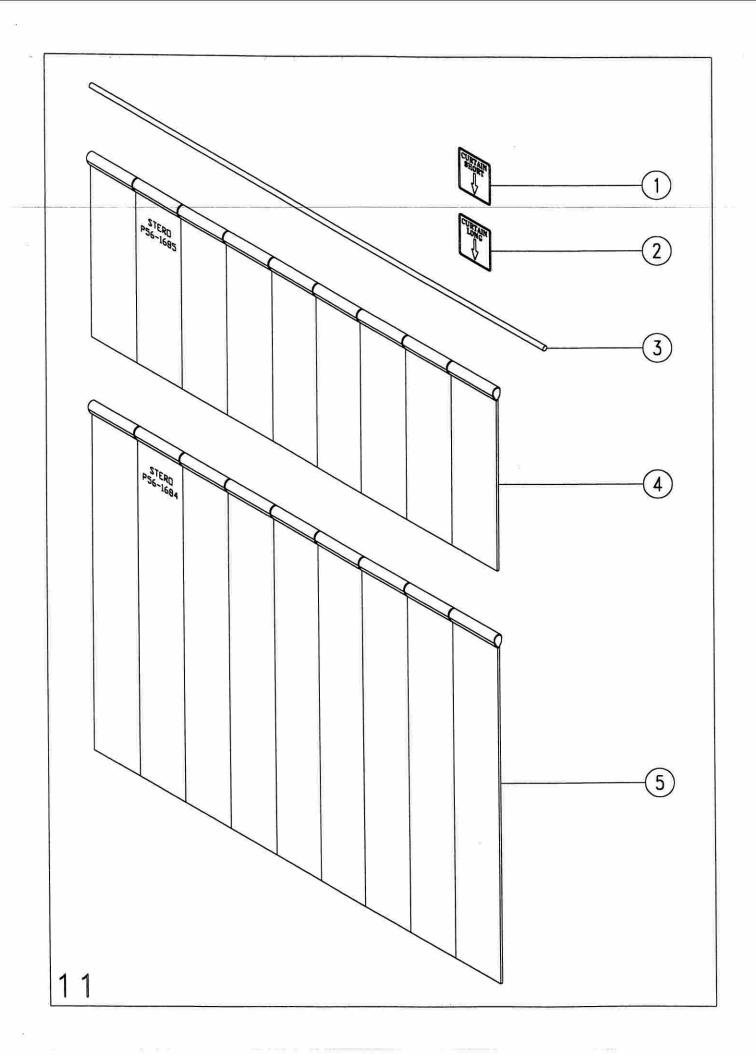


TYPICAL HOOD/DOOR ASSEMBLY

ITEM	DESCRIPTION	REMARKS	PART #
1	DOOR, NEW STYLE FULL LENGTH	(SHOWN)	*
	TEFLONS (SUPPLY DOOR SIZE)		
	DOOR, OLD STYLE (SUPPLY DOOR SIZE)		*
2	MAGNET ASSM. FOR REED SWITCH		A10-4275
3	DOOR GUIDES 28-1/4" BLUE TEFLON	2 REQ'D	P57-5775
5	HANDLE DOOR W/SCREWS (PLASTIC)	/2	B10-1448
O	HOOD, SINGLE TANK HOOD, DOUBLE TANK	(SHOWN)	*
	HOOD, DOUBLE TANK HOOD, TRIPLE TANK		*
6	COVER STERO REED SWITCH		*
7	REED SWITCH ASSEMBLY		A10-3949
8	COVER DOOR SAFETY SWITCH		B10-4274
9	DOOR SAFETY SWITCH ASSEMBLY		B10-2139 A10-2134
	LEVER ARM DOOR SAFETY SWITCH		A10-2134
10	DAMPER VENT 24-3/4 X 4-1/4"		A10-3680
11	NO LONGER AVAILABLE		7110 3000
	REF ITEMS 13 & 14		
12	NO LONGER AVAILABLE		=
17	REF ITEMS 13 & 14		
13	CATCH SAFETY		A10-1578
14 15	BRACKET DOOR SAFETY CATCH VENT COWI		A10-1759
16	VENT COWL REAR SPLASH GUARD		*
17	MIDDLE SPLASH GUARD		*
10 5/	FRONT SPLASH GUARD		*
	THORT OF BIGHT COARD		*
* C/	ALL FACTORY WITH MODEL & SERIAL NUM	BERS (800)	762-7600
			. 02 / 000
-			
			=-#

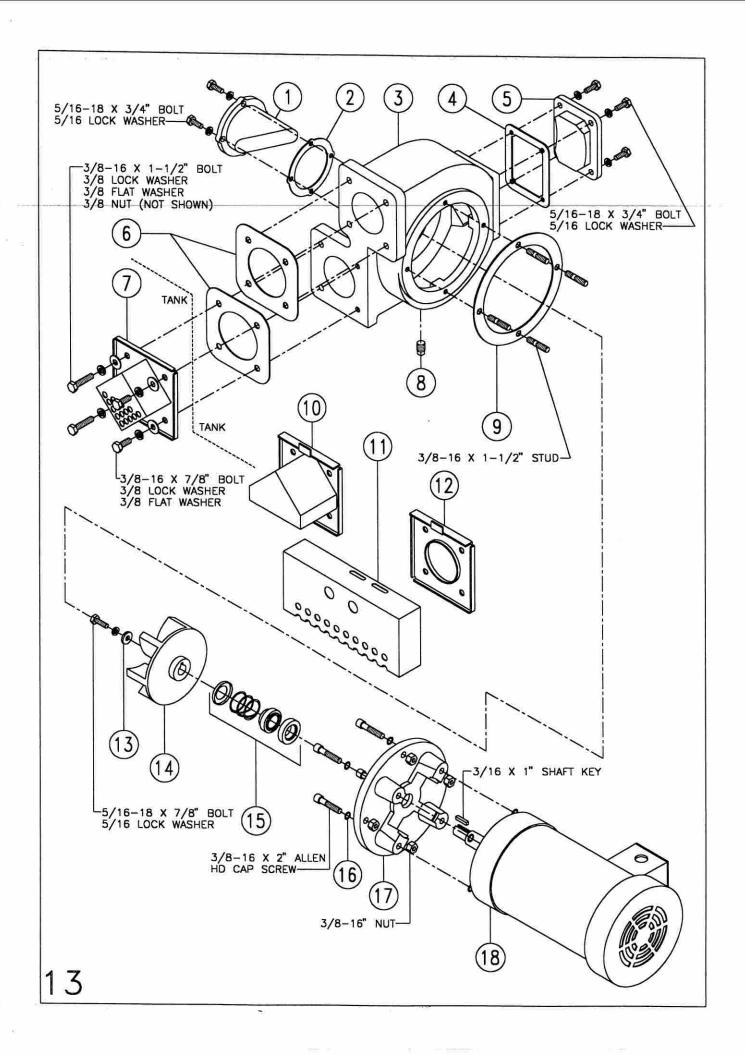
SUPPLY MACHINE MODEL & SERIAL NUMBER

1 C



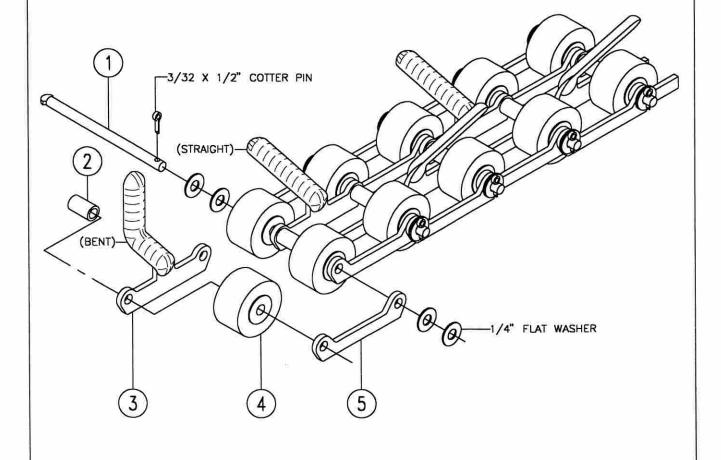
CURTAINS & RODS

ITEM	DESCRIPTION	REMARKS	PART #
1	DECAL CURTAIN SHORT		A69-1974
3	DECAL CURTAIN LONG		A69-1975
3	ROD CURTAIN SLOTTED 25-1/4 X 1/4"		A10-3293
	DIA.		
4	CURTAIN SHORT SCT SIZE "D"		P56-1685
	22-5/8 X 9"		
5	CURTÁIN LONG SCT SIZE "C" 22-5/8 X 17"		P56-1684
	22-5/8 X 17"		
	CURTAIN HOOK (WELDED TO MACHINE)	NOT CHOWAL	440 0077
	CURTAIN HOOK (WELDED TO MACHINE)	NOT SHOWN	A10-2677
	OR STW MACHINES USE ABOVE CURTAINS	9. CUIT THE	V TO CIT
	ON STATE MINORITINES USE ABOVE CURTAINS	a col inci	VI TO FII
£			
			
		-10	
	CLIDDLY MACHINE MODEL & OFD		4 0



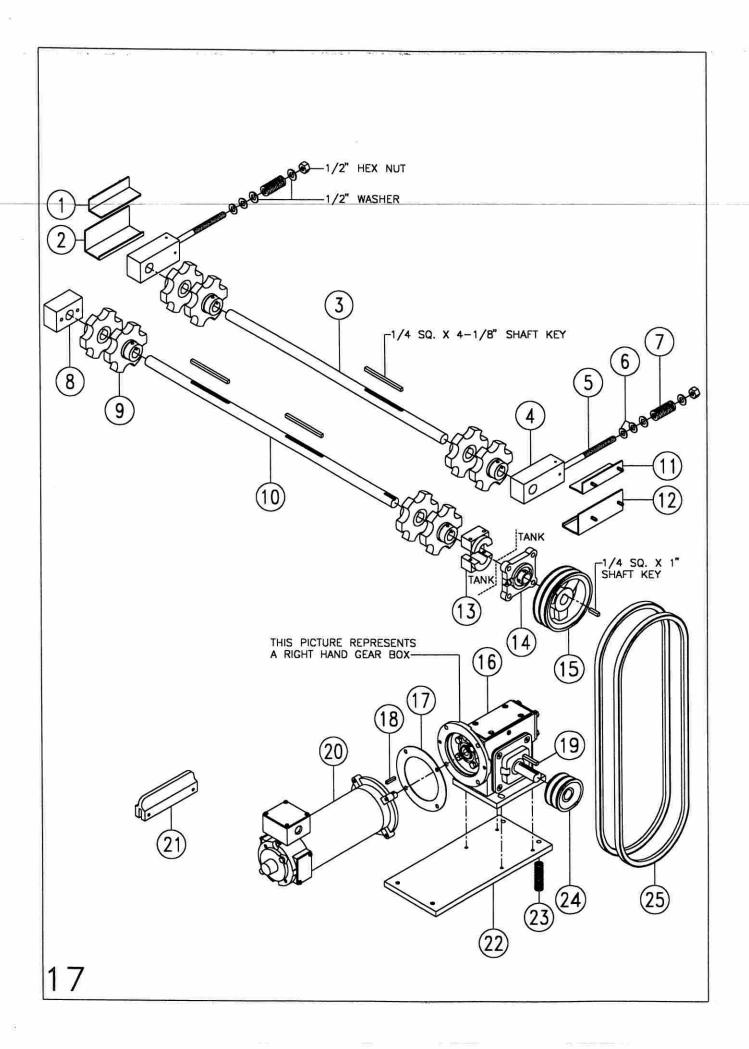
PUMP & MOTOR ASSEMBLY

320			
ITEM	DESCRIPTION	REMARKS	PART #
1	COVER CLEAN OUT #371		A10-1300
2	GASKET "Z1" ROUND INSPECTION COVER		A57-1755
3	PUMP HOUSING #368		C10-1089
4	GASKET "G" 317" INSPECTION COVER		A57-1754
5	COVER INSPECTION #317		A10-1753
6	GASKET "N" 368 PUMP MOUNTING	2 REQ'D	B57-1757
7	ASSM. PUMP INTAKE SCREEN UNIVERSAL		B10-5763
8	PLUG BI 1/4 MIP		P68-1605
10	GASKET "Z" MOTOR FLANGE LARGE	555 175	B57-1756
11	NO LONGER AVAILABLE USE B10-5763 PUMP SUCTION STRAINER	REF ITEM 7	B10-1864
12	NO LONGER AVAILABLE USE B10-5763	חבר ודריו ה	B10-1504
13	NO LONGER AVAILABLE USE B10-5763 WASHER HEAVY FLAT MOTOR END SHAFT	REF ITEM 7	B10-1861
10	TO IMPELLAR		A10-2014
14	IMPELLER SS #375 (2 HORSE)		D10 5400
	IMPELLER SS #375 (2 HORSE) IMPELLER SS #311 (1-1/2 HORSE)		B10-5488 B10-5489
15	SEAL SHAFT 1"		P57-1697
16	WASHER SS MOTOR FLANGE	8 REQ'D	P67-1909
17	END BELL #499	J KEGO	C10-1052
18	MOTOR 2HP 208/240/460V 3PH 60HZ		P41-1341
	MOTOR 1-1/2 115/230V 1PH 60HZ		P41-1711
	DUMP COMPLETE //200 /100511211		
	PUMP COMPLETE #368 (ASSEMBLY INCLUDES ITEMS 1,2,3,4,5, & 8)		B10-1752
	INCLUDES ITEMS 1,2,3,4,5, & 8)		
	COMPLETE 2HP 3PHASE MOTOR WITH		D10 0170
	375 IMPELLER (ASSEMBLY INCLUDES		B10-2179
	ITEMS 13-18)		
	COMPLETE 1-1/2HP 1PHASE MOTOR		B10-2177
	WITH 311 IMPELLER (ASSEMBLY INCLUDES ITEMS 13-18)		
	INCLUDES ITEMS 13-18)		
			
			× 1



CONVEYOR BELT ASSEMBLY

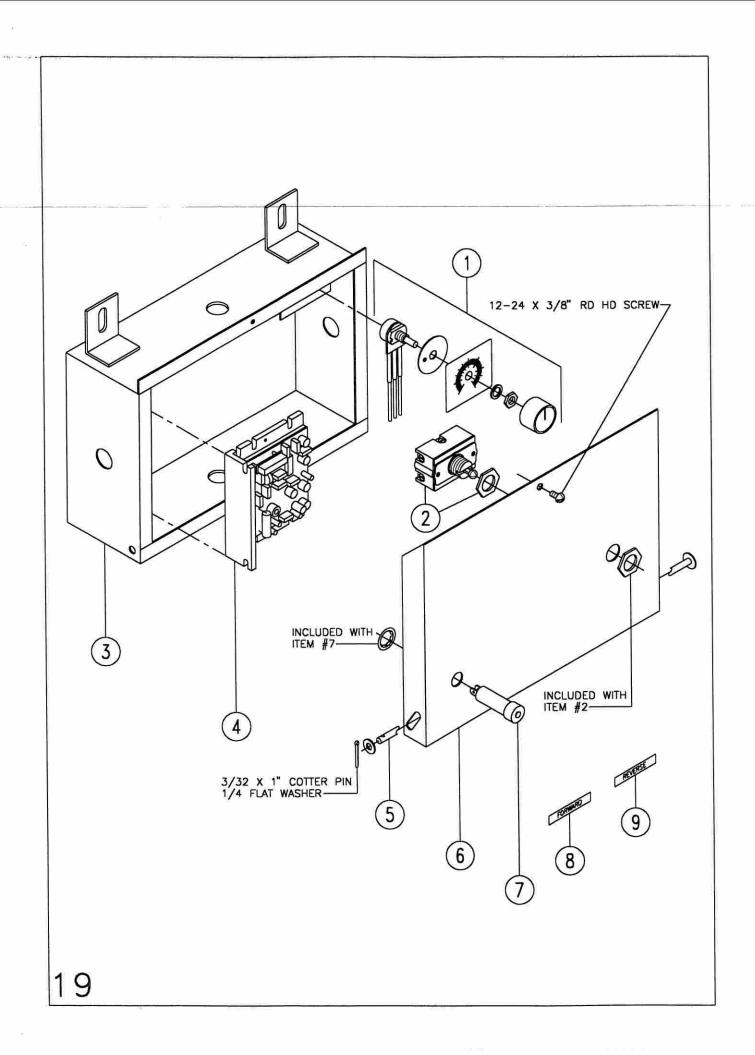
			T-
ITEM	DESCRIPTION	REMARKS	PART #
1	BELT ROD 1/4" X 3-3/8"		A10-4309
3	SPACER BELT ROD		A10-4310
3	LINK TRAY GUIDE		B10-2294
	(SPECIFY BENT OR STRAIGHT)		DIO ZZOI
4	BELT ROLLERS CFLCON		A59-1140
5	LINK CONNECTING BELT 2-1/2" CTR		B10-1015
	COMPLETE MACHINE DELTO ARE		
	COMPLETE MACHINE BELTS ARE		
	AVAILABLE. CONTACT THE FACTORY AT		
	(800) 762-7600 FOR A PRICE QUOTE (THE FACTORY MUST HAVE SERIAL# FOR		
	(THE FACTORY MUST HAVE SERIAL# FOR A ACCURATE QUOTE)		
	TO THE GOOTE		
		· · · · · · · · · · · · · · · · · · ·	
	CLIDDLY MACHINE MODEL A SEST	CHILAT SESSEE CONTROL LANGUAGE VALUE	4.0



CONVEYOR BELT DRIVE ASSEMBLY

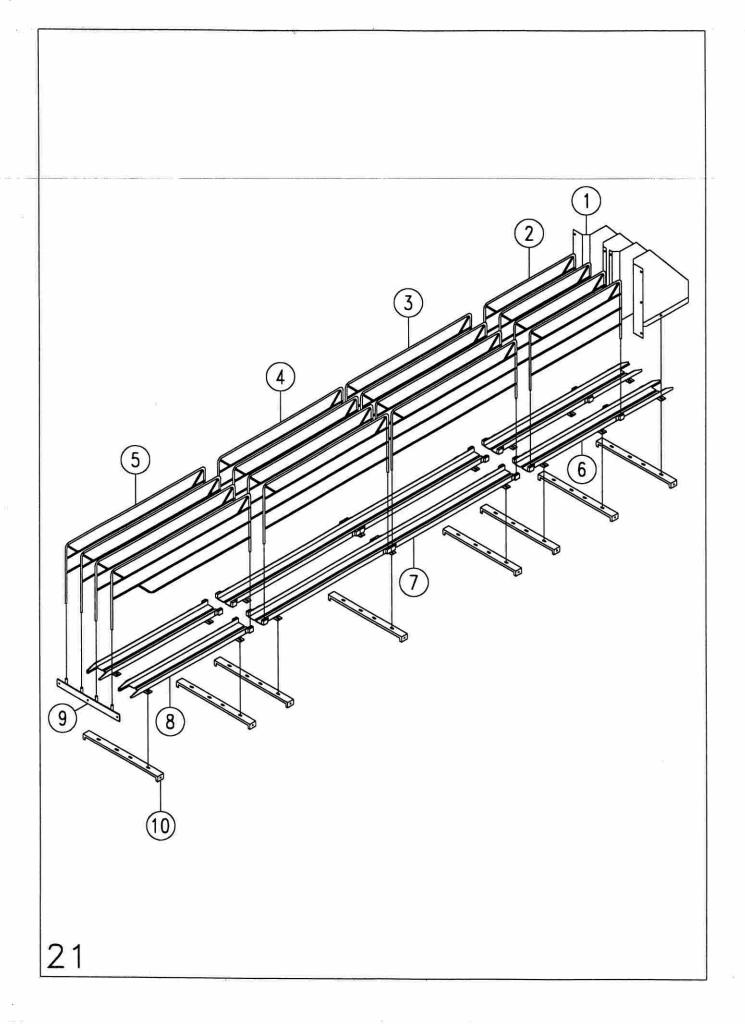
		T	
ITEM	DESCRIPTION	REMARKS	PART #
1	BRACKET, UPPER REAR BELT ADJ.		*
2	BRACKET, LOWER REAR BELT ADJ.		*
3	STW IDLER SHAFT		B10-2038
4	STW TAKE-UP BLOCK BELT ADJ.		A10-4301
5	STW TAKE-UP SCREW BELT ADJ.		A10-4303
6	TEFLON WASHER		A57-1188
7	STW TAKE-UP DIE SPRING BELT ADJ.		*
8	STW BLOCK PILLOW DRIVE SHAFT		A10-4304
9	STW SPROCKET ASSM. S.S.		B10-2313
10	STW DRIVE SHAFT		B10-2037
11	BRACKET, UPPER FRONT BELT ADJ.		*
12	BRACKET, LOWER FRONT BELT ADJ.		*
13	STW BLOCK PILLOW DRIVE SHAFT SPLIT		A10-4305
	(INCLUDES BOTH HALVES)		
14	REARING FLANCE		P66-2548
15	PULLEY DUAL 6" X 1" STW		P66-5053
16	GEAR BOX 73:1 RIGHT HAND		P58-1215
	GEAR BOX 73:1 LEFT HAND		P58-1216
	GEAR BOX 60:1 RIGHT HAND		P58-1333
	GEAR BOX 60:1 LEFT HAND		P58-1334
	GEAR BOX 50:1 RIGHT HAND	11	P58-1335
	GEAR BOX 50:1 LEFT HAND		P58-1336
	GEAR BOX 100:1 LEFT HAND		P58-5447
	GEAR BOX SHAFT SEAL	NOT SHOWN	P57-5899
17	GASKET MOTOR TO GEAR BOX		A57-1020
18	SHAFT KEY 3/16" S.S.		P50-1694
19	SHAFT KEY 1/4" S.S.		P50-1338
20	MOTOR DC 1/2 HP 1 PH 60 HZ		P41-1213
	MOTOR DC 1 HP 1 PH 60 HZ		P41-1214
21	STW TEFLON BELT GUIDE		A10-5186
22	STW PLATE, MOUNTING GEAR BOX		*
23	SPRING, BELT TENSION		*
24 25	PULLEY DUAL 3-1/4" X 1"		P66-2568
25	V BELT A53 (TWO REQ'D MATCHED SET)	2 REQ'D	P66-2547
	ALL FACTORY WITH MOSEL & CESSION	10506	
* C	ALL FACTORY WITH MODEL & SERIAL NUM	MBERS (800)	762-7600
	CURRIE LUSTING		4 0

SUPPLY MACHINE MODEL & SERIAL NUMBER



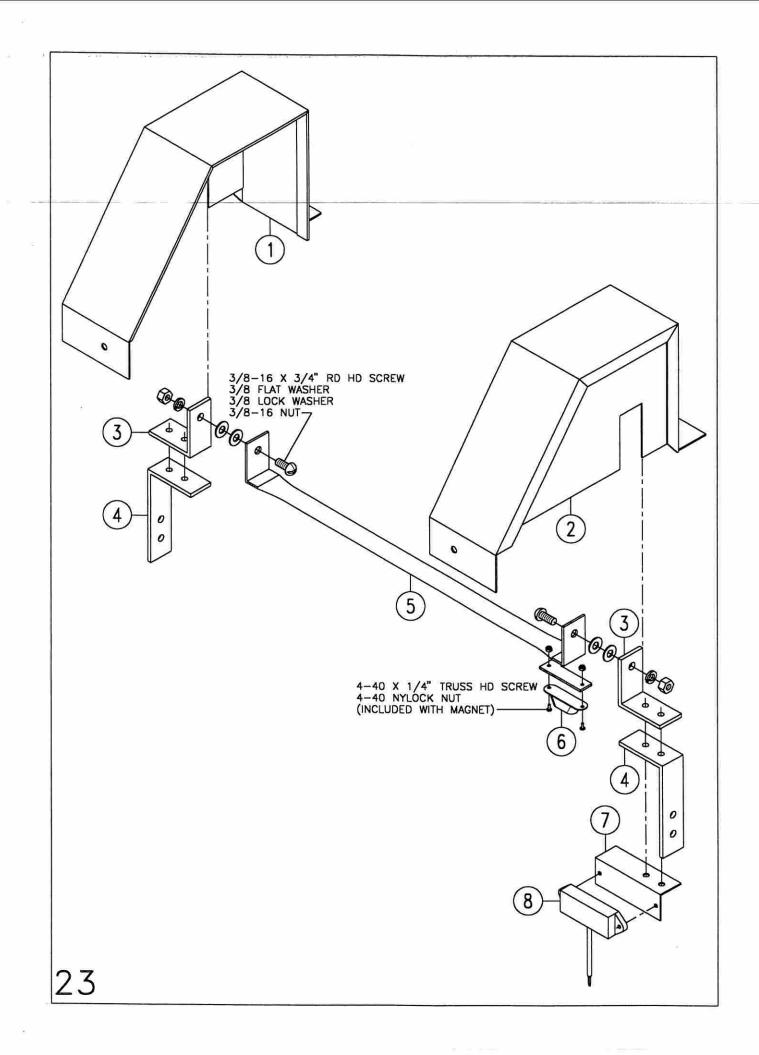
CONVEYOR SPEED CONTROL BOX

			· · · · · · · · · · · · · · · · · · ·
ITEM	DESCRIPTION	REMARKS	PART #
1	POTENTIOMETER VARIABLE SPEED		P41-1264
2	SWITCH FOWARD/REVERSE		P49-1263
2 3	BOX CONTROL DC MOTOR DRIVE		B10-1798
4	PC BOARD	(1/2 HP)	P42-1248
	PC BOARD	(1 HP)	P42-1247
5	PIN HINGE CONTROL BOX	· · · · · ·	A10-4889
6	COVER CONTROL BOX DC MOTOR DRIVE		B10-1797
7	BREAKER 7 AMP SPEED CONTROL	(1/2 HP)	P48-1265
	BREAKER 15 AMP SPEED CONTROL	(1 HP)	P48-1266
8	FORWARD DECAL		A69-5711
9	REVERSE DECAL		A69-4092
			7100 1002
		10	
	BOX CONTROL 1/2 HP COMPLETE ASSM		B10-3441
	BOX CONTROL 1 HP COMPLETE ASSM		B10-3442
			70.W. V.
			E
		1	
		J.Kr	
-			
		-	
			-
-			
		-	
	U		



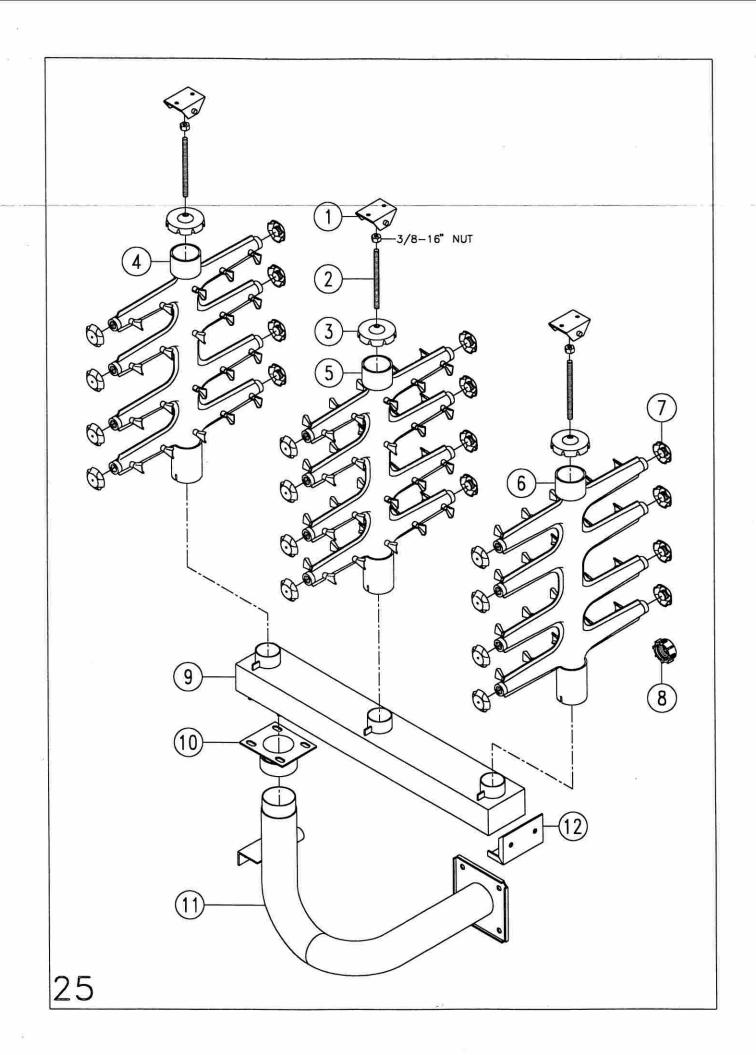
TRACK & FENCE ASSEMBLY

TEM DESCRIPTION	REMARKS	PART #
1 GUIDE PANEL LOAD END		*
2 FENCE SCRAP TANK		*
3 FENCE WASH TANK		*
4 FENCE RINSE TANK		*
5 FENCE UNLOAD END		*
6 TRACK LOAD END 7 TRACK MAIN SECTION		*
7 TRACK MAIN SECTION 8 TRACK UNLOAD END		*
9 BRACKET FENCE SUPPORT UNLOAD END		*
10 BRACKET TRACK SUPPORT		*
TO BIMERET TRACK SOLI ORT		
* CALL FACTORY WITH MODEL & SERIAL NUM	MBERS (800)	762-7600
		*
SUBDLY MACHINE MODEL & SER		2



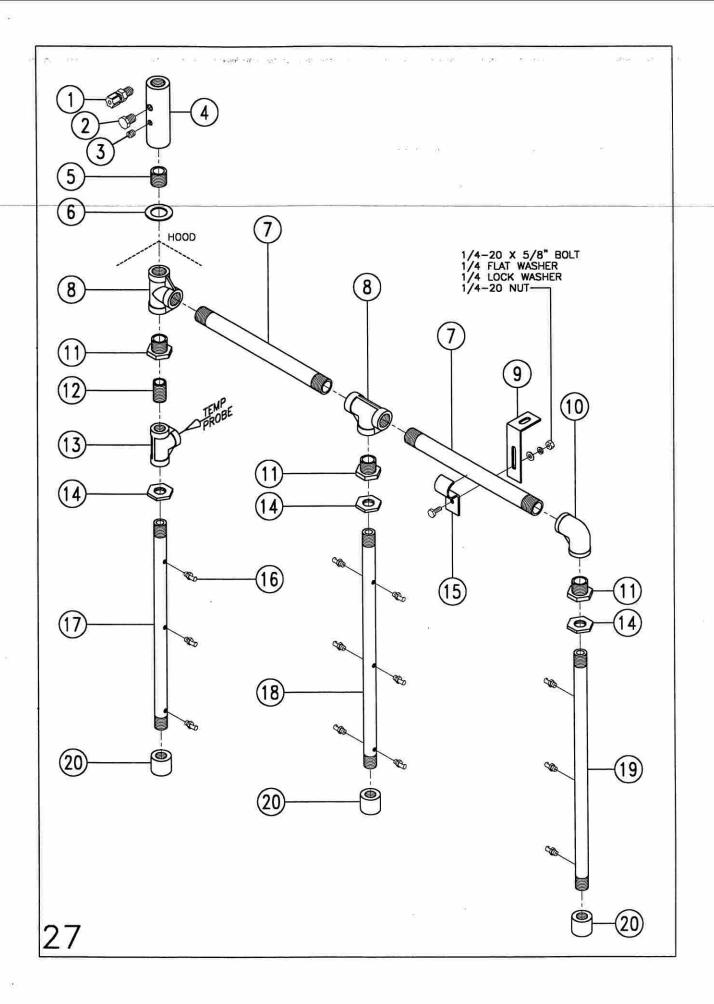
CONVEYOR STOP BAR ASSEMBLY

ITEM	DESCRIPTION	REMARKS	PART #
1	REAR COVER, STOP BAR		*
2	FRONT COVER, STOP BAR		*
	PIVOT BRACKET, STOP BAR		*
4	MOUNTING BRACKET, STOP BAR		*
5	STOP BAR		*
6	MAGNET ASSEMBLY		A10-4275
7	MOUNTING BRACKET, REED SWITCH		*
8	REED SWITCH		B10-4274
* 0	ALL FACTORY WITH MODEL & SERIAL NUI	MRFRS (800)	762-7600
	WEEL THOUSE & SERVICE INO.	VIDENS (000)	702-7000
			C
	CLIDDLY MACHINE MODEL & CED	IAL NUMBER	0.4
	SUPPLY MACHINE MODEL & SER	IAL NOWREK	24



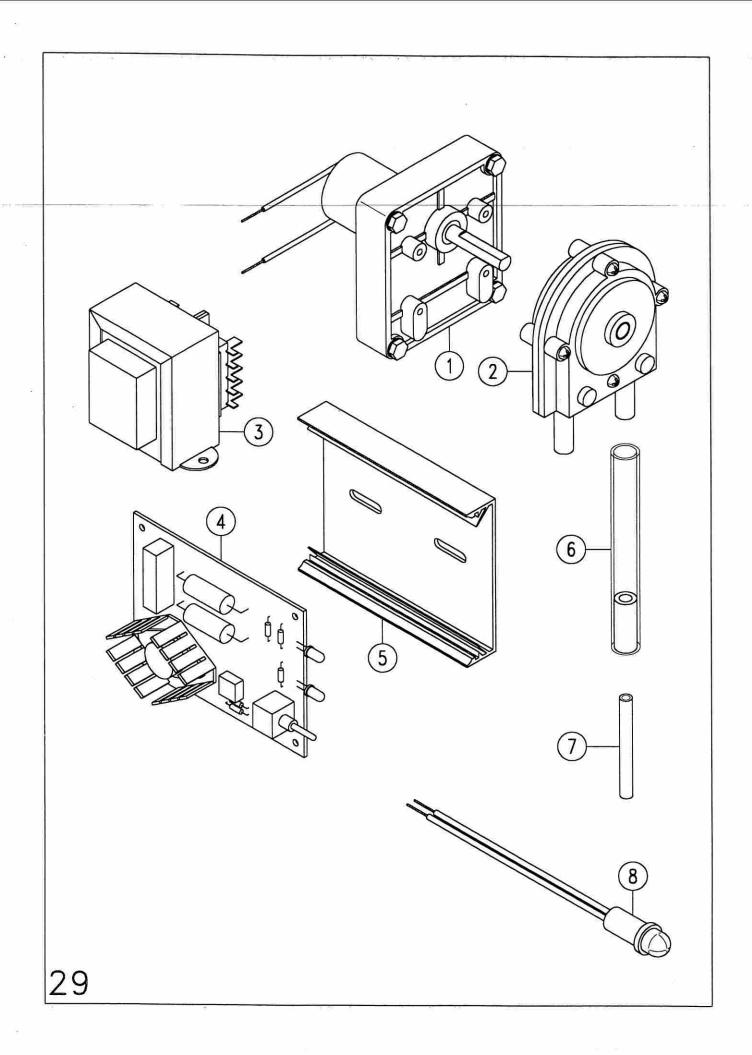
SPRAY MANIFOLD ASSEMBLY

ITEM	DESCRIPTION	REMARKS	PART #
1	BRACKET, ASSEMBLY UPPER MANIFOLD		*
2	STUD 3/8-16 X 4-5/8"		A67-2064
	SPRAY MANIFOLD END CAP		A10-1868
4	REAR MANIFOLD (20 sprayer)	9	C10-6059
5	CENTER MANIFOLD (40 sprayer)		C10-6071
6	FRONT MANIFOLD (20 sprayer)		C10-6059
7	CLEAN OUT CAP TREE STYLE MANIFOLD		A10-3318
	(MALE THREADS STAINLESS STEEL)		
8	CLEAN OUT CAP TREE STYLE MANIFOLD (FEMALE THREADS RED PLASTIC)		A59-2227
9	(FEMALE THREADS RED PLASTIC) MANIFOLD RECEIVER BOX		
10	FLANGE MANIFOLD RECEIVER BOX		*
11	WATER DISCHARGE PIPE		*
12	SUPPORT BRACKET MANIFOLD RECEIVER		*
	BOX		
	SUPPLY MACHINE MODEL & SER	IAL NUMBER	26



FINAL RINSE ASSEMBLY

ITEM	DESCRIPTION	REMARKS	PART #
1	DUCK BILL CHECK VALVE		P68-1982
2	PLUG 1/2 MIP CPVC		P68-2676
3	PLUG 1/8-27 SLOTTED SS		A50-2435
4	CHEMICAL MIXING TOWER		P68-5278
5	3/4 X 1" S.S. NIPPLE STRAIGHT		A10-5779
6	GASKET TOWER		A10-1909
7	PIPE S.S. 3/4 X 10-1/2		NO PART#
8	TEE S.S. 3/4 FIP BRACKET PIPE SUPPORT SHORT		P68-1895
10	BRACKET PIPE SUPPORT SHORT ELBOW S.S. 90 3/4 FIP		A10-2399
11	BUSHING S.S. 3/4 X 1/2 MXF		P68-1894 P68-1896
12	BUSHING S.S. 3/4 X 1/2 MXF NIPPLE S.S. 1/2 CLOSE MIP		P68-1885
13	TEE S.S. 1/2 FIP		P68-1888
14	LOCKNUT S.S. 1/2 NPT		A10-1446
15	CLAMP PIPE BRACKET 3/4		A10-2021
16	COMMON S.S. RINSE SPRAYER .063		B50-1173
17	COMMON S.S. RINSE SPRAYER .073		B50-3297
17	RINSE PIPE S.S. OUTSIDE (SHORT)		A10-5451S
18 19	RINSE PIPE S.S. CENTER RINSE PIPE S.S. OUTSIDE (LONG)		A10-5452
20	RINSE PIPE S.S. OUTSIDE (LONG) CPVC CAP 1/2 FIP		A10-5451L
20	OI VO CAI 1/2 III		P68-1293
	COMPLETE STW S.S. RINSE ASSEMBLY		A10-5258
1			
	the state of the s		
			<u> </u>



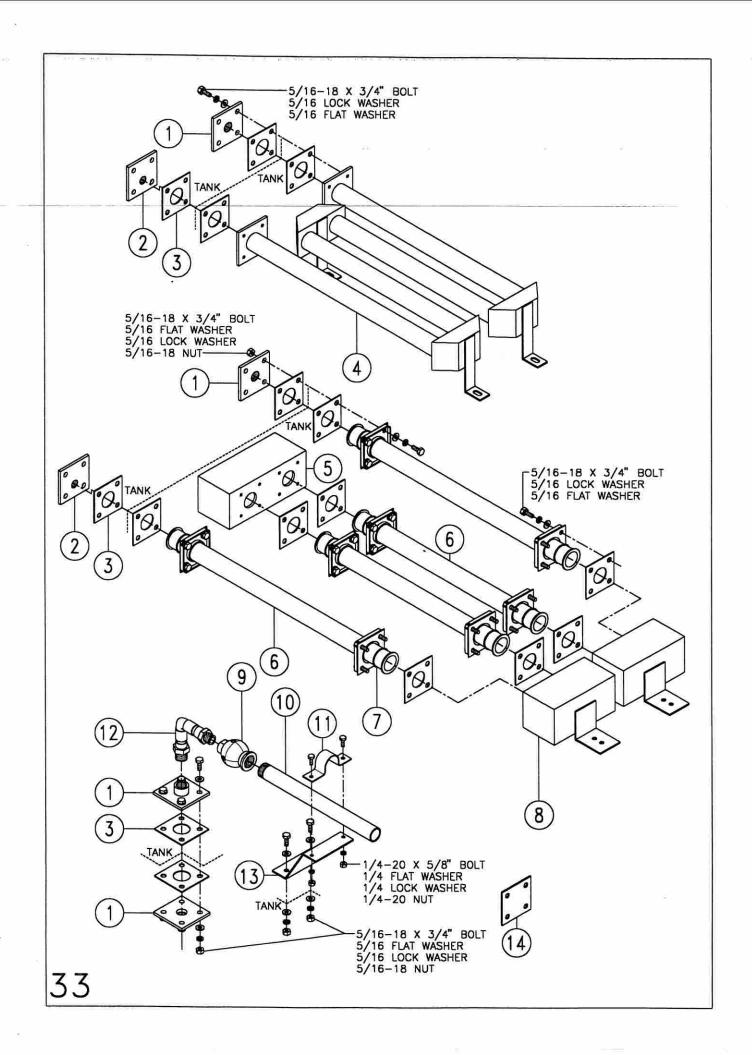
CHEMICAL PUMP ASSEMBLY

-			
ITEM	DESCRIPTION	REMARKS	PART #
1	PUMP MOTOR DC		P41-1011
- 2	CHEMICAL PUMP COMPLETE		P41-1001
	SQUEEZE TUBE (INCLUDED WITH PUMP)		P68-1005
3	TRANSFORMER DC POWER SUPPLY		P53-1054
4	PC BOARD DC POWER SUPPLY		P42-1864
<u>5</u>	SNAP TRACK 4" LONG SIGHT TUBE ASSM.		P42-1049 A10-1340C
7	CHEMICAL TUBE 1/4" RED		A10-1340C P68-1021
	CHEMICAL TUBE 1/4" WHITE		P68-1022
	CHEMICAL TUBE 1/4" BLUE		P68-1023
8	LAMP PILOT LIGHT RED 14 V.		P49-1721
3			
-			
)	
		1010	
	SUDDLY MACHINE MODEL & SEDI		7.0

கரானங்களாகு 7 செள்ள வகள்ள இடாட்டு இத் இருந்து விருக்கன திரு இருவிற்றிய விவர் хниже மு. சட்சள்தில் வி. மி. மி.க H00D H00D 3/32 X 1" COTTER PIN--3/8-16" HEX NUT -5/16" ALLEN HD SET SCREW 1/4" FLAT WASHER-

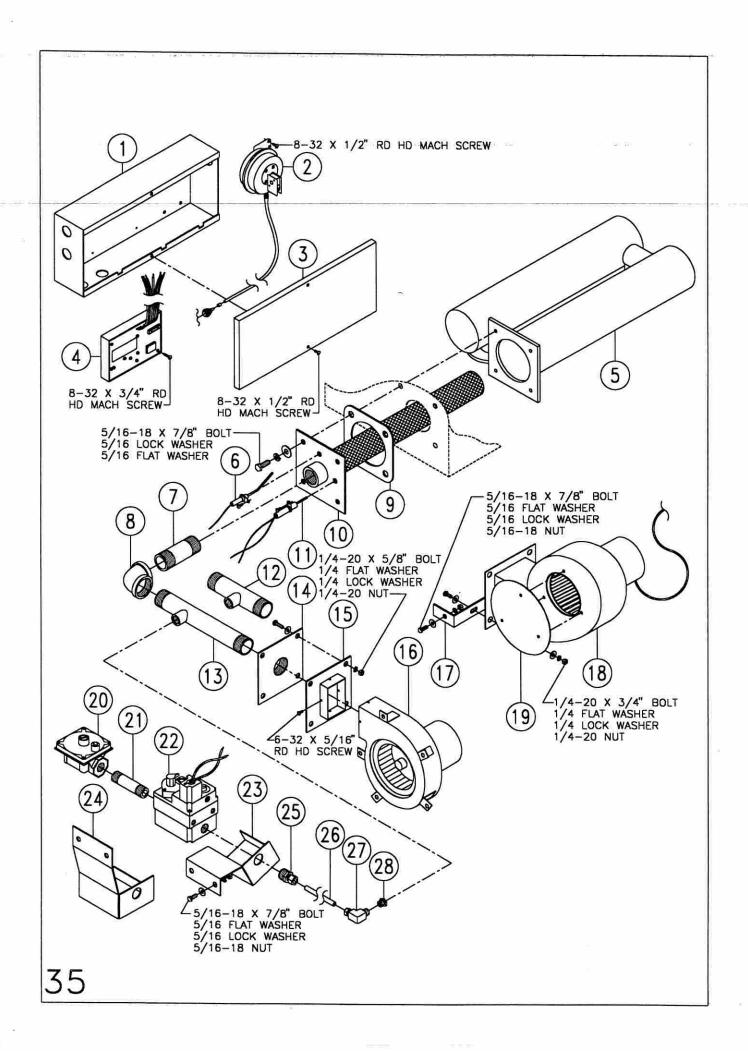
RINSE RAKE ASSEMBLY

ITEM	DESCRIPTION	REMARKS	PART #
1	REED SWITCH ASSEMBLY		B10-4274
2	BRACKET REED SWITCH MOUNTING		*
3	MAGNET HOUSING		A10-1585
4	STUD SS 3/8-16 2-1/4"		A67-2388
5	CROSS SHAFT SUPPORT STW		*
6	BRACKET BEARING BLOCK RAKE		*
7	GATE RINSE RAKE		*
8	PIN BEARING BLOCK YOKE		A10-1676
9	BEARING BLOCK RAKE		B59-1203
	RINSE RAKE COMPLETE (INCLUDES		*
	ITEMS 1-9)		
* C	ALL FACTORY WITH MODEL & SERIAL	NUMBERS (800)	762-7600
		XP PET PET	
	¥		
,			
\vdash			
	SLIPPLY MACHINE MODEL &	SEDIAL NUMBER	7.2



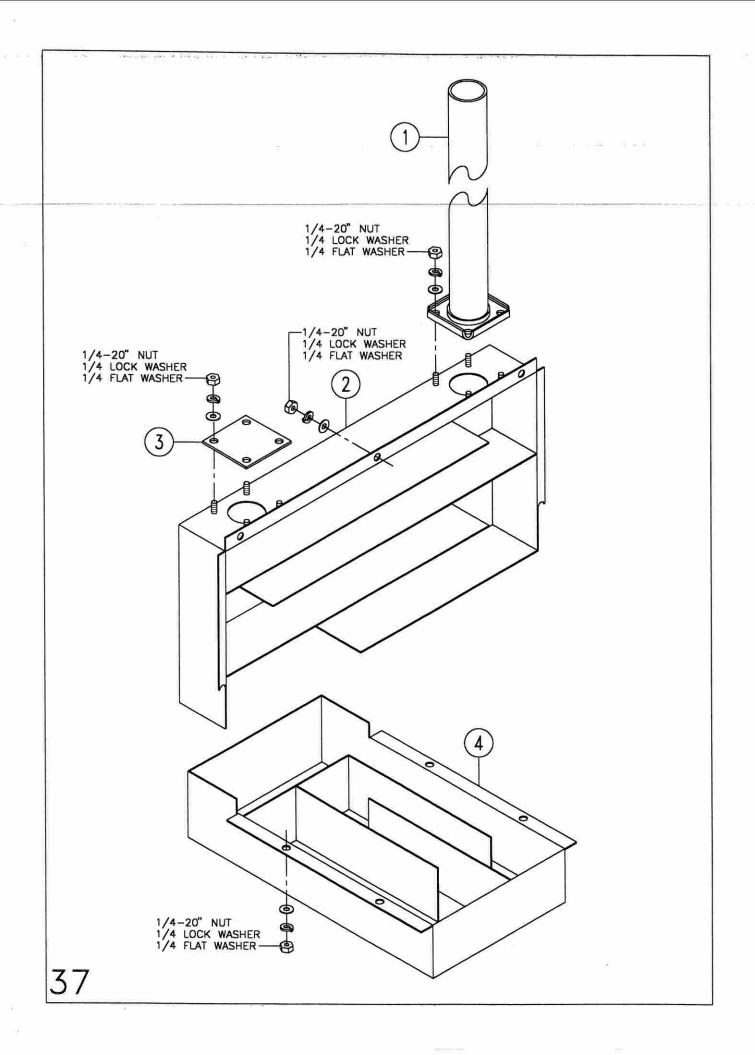
STEAM COIL/INJECTOR ASSEMBLY

ITEM	DESCRIPTION	REMARKS	PART #
1	FLANGE INLET ADAPTER 3/4" NPT		A10-3332
2	FLANGE RETURN ADAPTER 1/2" NPT		A10-3329
3	GASKET STEAM COIL PIPE FLANGE		A57-2387
4	NEW STYLE STEAM COIL ASSM. (WHEN		*
	ORDERING FACTORY REQUIRES MODEL		
	& SERIAL #)		
5	BOX STEAM RETURN ASSM. (NO LONGER		*
	AVAILABLE USE ITEM #4)		
6	STEAM TUBE WITH FLÄNGES (WHEN		B10-2128
	ORDERING FACTORY REQUIRES LENGTH)		
7	ORING #130 VITON STEAM COIL		P57-2451
8	BOX STEAM RETURN ASSM. (NO LONGER		*
	AVAILABLE USE ITEM #4)		
9	STEAM SILENCER		A10-2160
10	STEAM INJECTOR PIPE 1" IPS		A10-2161
11	STEAM INJECTOR PIPE CLAMP		A10-2163
12	STEAM INJECTION ELBOW		*
13	BRACKET PIPE SUPPORT STEAM		B10-2162
14	INJECTOR		110 7700
17	BLANK PLATE 3X3 SS		A10-3326
* C	ALL FACTORY WITH MODEL & SERIAL NUM	MBERS (800)	762-7600
		=	
		- Charles	
	SLIPPLY MACHINE MODEL & SEP	IAL MUNICED	7 /



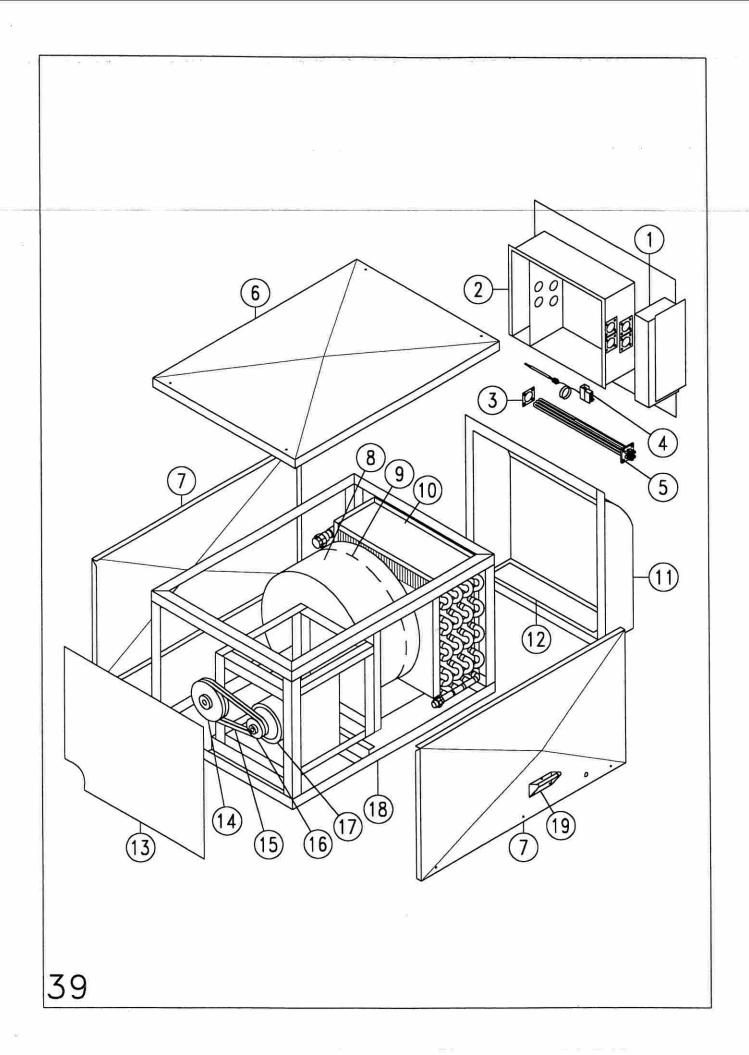
INFRARED GAS TANK HEAT ASSM.

ITEM	DESCRIPTION	REMARKS	PART #
1		TALIM WATER	
	BOX, 14" GAS CONTROL SWITCH, DIAPHRAGM		C10-5956
2 — 3	COVER, 14" GAS CONTROL		P49-5795
4	CONTROL MODULE		B10-5957
5	BURNER TUBE ASSM.		P42-5944
6	SENSOR, FLAME		A10-5802 P49-6037
7	NIPPLE 1" X 3"		P68-1638
8	ELBOW 1" F X F		P68-1622
9	GASKET		A57-2387
10	BURNER		P55-5792
11	IGNITER		P49-5798
12	MIXING CHAMBER 5"		A10-5821
13	MIXING CHAMBER EXTENDED 8-1/2"		A10-6001
14	ADAPTER, BLOWER		A10-5812
15	ADAPTER, BLOWER		*
16	BLOWER, DAYTON		*
17	BRACKET, BLOWER MOUNTING		A10-5809
18	BLOWER, FASCO		P41-5793
19	GUARD, FASCO FAN INTAKE		A10-6010
20	REGULATOR, GAS PRESSURE		P54-5828
21 22	NIPPLE 1/2" X 2-1/2"		P68-1654
22	VALVE, GAS 120 VOLT		P54-5796
23	BRACKET, GAS VALVE MOUNTING		A10-5810
24	BRACKET, GAS VALVE MOUNTING		A10-5808
25	FITTING, 1/2" X 3/8" TUBE	1	P68-5830
26	COMPRESSION		
26 27	TUBE, 3/8" COPPER		P51-2013
28	FITTING, ORIFICE		A10-5832
20	ORIFICE (SPECIFY NATURAL GAS OR		A10-5827
	LIQUID PROPANE)		
* C	ALL FACTORY WITH MODEL & SERIAL N	LIMPERS (800)	760 7600
- C	ALL FACTORY WITH MODEL & SERIAL N	UMBERS (800)	762-7600
	SUPPLY MACHINE MODEL & SE	ERIAL NUMBER	36



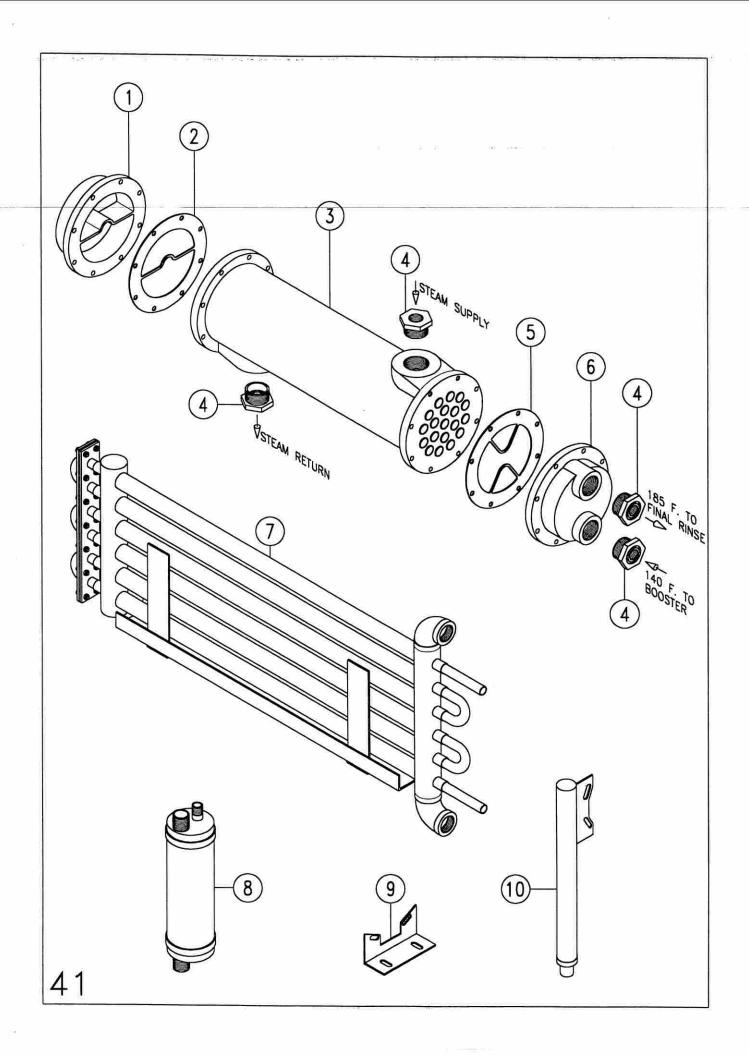
INFRARED EXHAUST ASSEMBLY

TEM	DES	SCRIPTION			REMARKS	DADT #
					CUNHINA	PART #
1 TUBE,	EXHAUST	HEAT DE	CIDCULATI	NC	J1551	*
2 BOX, 3 BLANK	PLATE 3Y	7 SS	CIRCULATI	NG		* * A 1 O 7 7 2
4 BOX	SECONDARY PLATE 3X PRIMARY HI	TAT RECIR	CULATING			A10-332
, BOX,	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LAT INLOIN	COLATING			*
* CALL FA	CTORY WIT	H MODEL	& SERIAL	NUMBE	RS (800)	762-760
					V _e ·	
					105	
		N				
	SUPPLY N	MATERIAL TO AND THE		ı		3



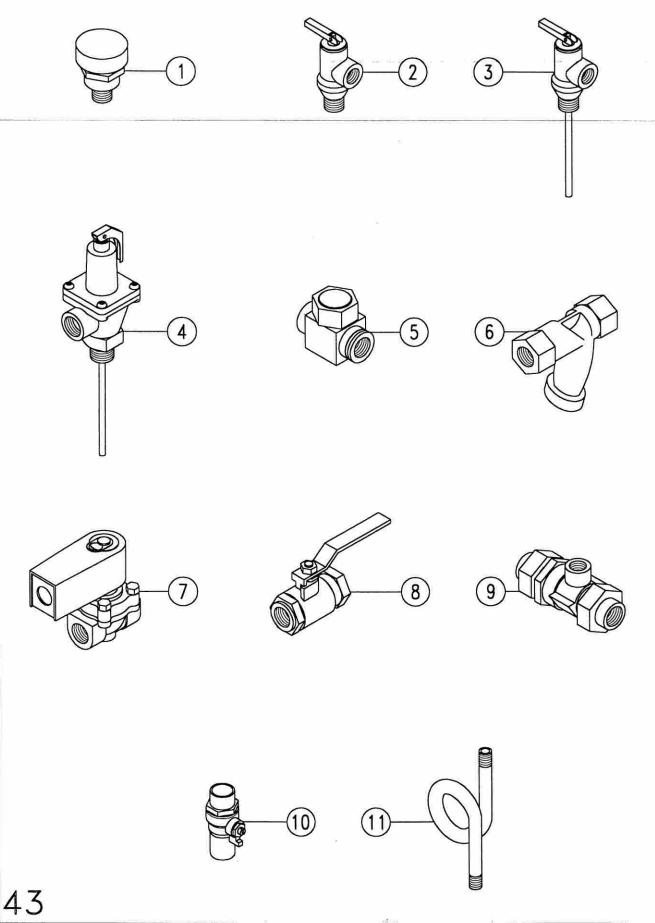
BLOWER DRYER ASSEMBLY

ITEM	DESCRIPTION	REMARKS	PART #
1	HEATING ELEMENT COVER		*
3	ELECTRIC HEAT HOUSING ASSM. 20KW		B10-4984
3	GASKET "U"		A57-1114
4	HI-LIMIT CUT-OFF SWITCH 215° F		P65-5776
5	HEATING ELEMENT 5KW 208 VOLT		P55-1131
	HEATING ELEMENT 5KW 240 VOLT		P55-1132
	HEATING ELEMENT 5KW 480 VOLT		P55-1133
	THE ABOVE ITEMS ARE USED ON		
	ELECTRIC HEATED BLOWER DRYERS		
6	TOP PANEL		B10-3045
7	SIDE PANEL W/HANDLE		B10-3044
9	BLOWER LESS MOTOR COLLAR		P41-1147
10	STEAM RADIATOR COIL ASSM.		* C10-3100
11	INTAKE ASSM. BLOWER STEAM		B10-3047
12	BLOWER INTAKE DAMPER		B10-3050
13	PANEL W/HANDLE BLOWER MOTOR FND		B10-3048
14	PULLEY, DUAL 7" X 1" BORE BLOWER		P66-2276
15	V BELT #380	2 REQ'D	P66-1288
16	PULLY ADJ. VAR. 3-1/2" X 7/8"		P66-2279
17	FOOTED BLOWER MOTOR 2HP 3PHASE		P41-1719
18	FRAME ASSM. BLOWER & MOTOR		C10-3039
19	HANDLE S.S.		A10-3314
* C	ALL FACTORY WITH MODEL & SERIAL NUI	MBERS (800)	762-7600
	CURRING MACHINE MACHINE A CER	OF R. P. WILLIAM W. S.	4.0



STEAM BOOSTER TYPES

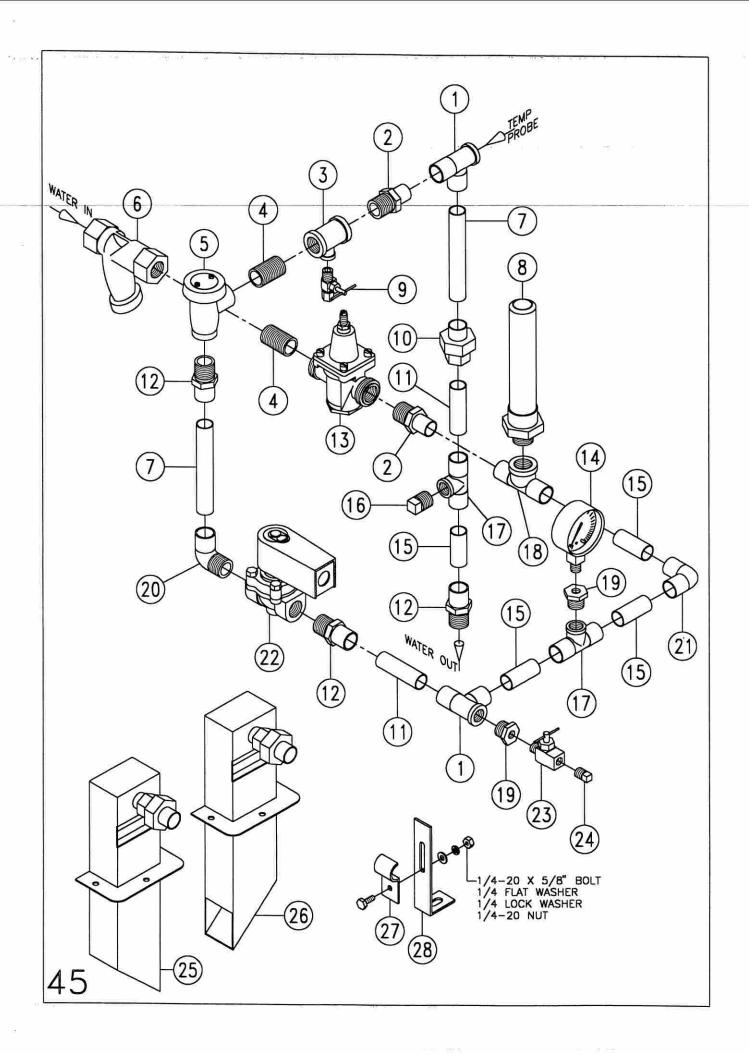
ITEM	DESCRIPTION	REMARKS	PART #
1	HEADER THERMOSTAT END	(180)	P64-1964
TERM BY	HEADER THERMOSTAT END	(260-380)	C10-2238
2	GASKET RETURN END	(180)	B57-1278
	GASKET RETURN END	(260-380)	B57-2236
3	HEAT EXCHANGER #180 (INCLUDES		P64-1960
	ITEMS 1,2,5, & 6)		
	HEAT EXCHANGER #260 (INCLUDES		P64-1961
	ITEMS 1,2,5, & 6)		
	HEAT EXCHANGER #320 (INCLUDES		P64-1962
	ITEMS 1,2,5, & 6)		
	HEAT EXCHANGER #380 (INCLUDES		P64-1963
	ITEMS 1,2,5, & 6)		
4	BUSHING GALV. 1-1/2 X 3/4 MXF	(180)	P68-2661
	BUSHING BI 1-1/2 X 1 MXF	(180)	P68-2602
	BUSHING BI 2 X 1-1/4 MXF BUSHING BI 2 X 3/4 MXF	(260-380)	P68-1607
	BUSHING BI 2 X 3/4 MXF	(260-380)	P68-1608
	BUSHING GALV 2 X 3/4 MXF	(260-380)	P68-1610
5	GASKET FLOW END	(180)	B57-2234
6	GASKET FLOW END HEADER FLOW END	(260-380)	B57-2235
0		(180)	P64-1965
7	HEADER FLOW END DOUCETTE BOOSTER	(260-380)	P64-1966
8	SPIREC K-1 BOOSTER	-	P64-2552
	SPIREC K-2 BOOSTER		P64-2810 P64-2811
	SPIREC K-3 BOOSTER	-	P64-5160
9	BRACKET MACHINE MOUNTING		A10-2332
10	LEG STEAM BOOSTER SWB180-380		A10-3350
	ELS CIE WIL BOOSTER SHE FOO COO		7110 3330
ļ			



COMMON PARTS PLUMBING

ITEM	DESCRIPTION	REMARKS	PART #
1	VALVE VACUUM RELIEF 1/2	(N36)	P62-1170
2	VALVE PRESSURE RELIEF 1/2 125PSI	(53L)	P62-1919
	VALVE PRESSURE RELIEF 3/4 125PSI	(3L)	P62-1171
3	VALVE PRESSURE & TEMP RELIEF 3/4	(100XL)	P62-1174
4	VALVE PRESSURE & TEMP RELIEF 3/4	(40XL-5)	P62-1173
5	STEAM TRAP 3/4 SPIRAX/SARCO	(TOME O)	P61-1168
	STEAM TRAP 1/2 SPIRAX/SARCO		P61-1169
6	LINE STRAINER 1 BI		P63-1158
	REPLACEMENT SCREEN 1		P63-1161
	LINE STRAINER 1-1/4 BI		P63-1159
	REPLACEMENT SCREEN 1-1/4		
	LINE STRAINER 2 BI		
	REPLACEMENT SCREEN 2		P63-1160
7	SOL. VALVE 1" 115V ASCO		P63-1163
- <i>r</i>	SOL. VALVE 1" 208-240V ASCO		P54-2840
	REPAIR KIT 1" ASCO		P54-2841
	- W		P54-2842
			P54-1068
	SOL. VALVE 1-1/4 208-240V SKINNER REPAIR KIT 1-1/4 SKINNER		P54-1069
-			P54-1070
	302: WEVE 1 1/1 120V 7300		P54-2819
	SOL. VALVE 1-1/4 208V ASCO		P54-2830
	SOL. VALVE 1-1/4 240V ASCO REPAIR KIT 1-1/4 ASCO		P54-5529
8			P54-2829
0			P62-1182
9			P62-2453
10			P62-1918
11			P68-2831
11	PIGTAIL BI 1/4 MIP STEAM		P68-1601
		·	
			727 626

SUPPLY MACHINE MODEL & SERIAL NUMBER



PLUMBING ASSEMBLY

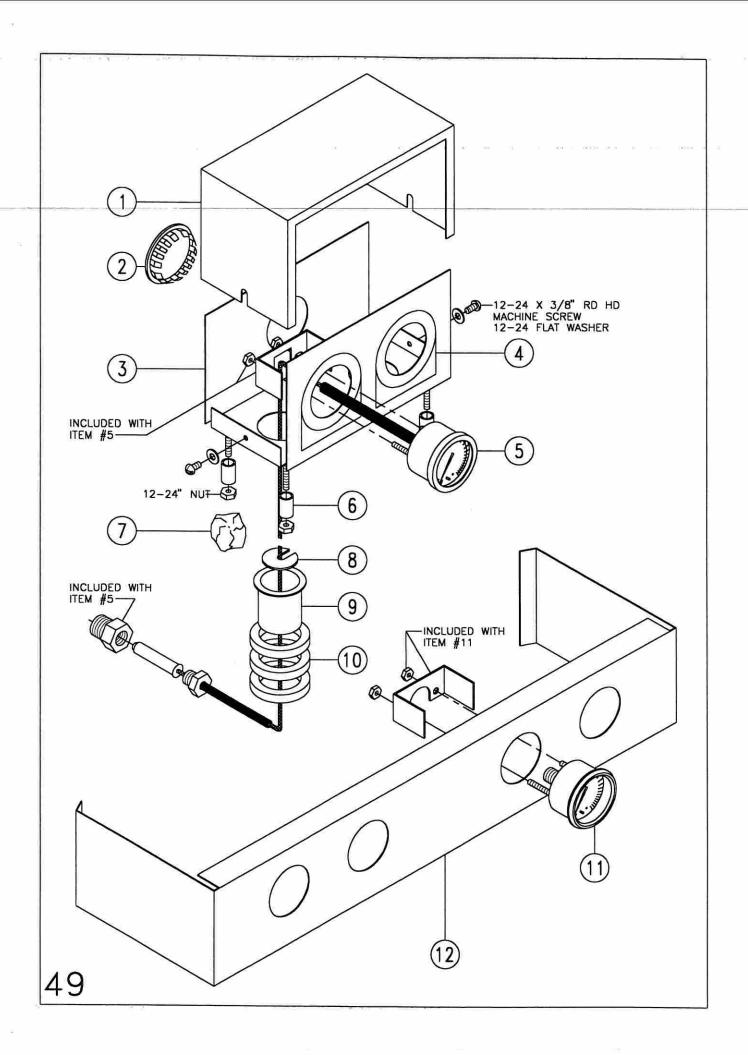
ITEM	DESCRIPTION	REMARKS	PART #
. 1	TEE 3/4 X 1/2 X 3/4 CXFXC		P68-1429
2	ADAPTOR 3/4 FTGXM		P68-1431
3	TEE 3/4 X 3/4 X 1/4 BRASS		P68-1463
4	NIPPLE 3/4 CLOSS BRASS		P68-1527
5	VACUUM BREAKER 3/4" COMPLETE		P62-1149
	REPAIR KIT 3/4" VACUUM BREAKER		P62-1164
6	LINE STRAINER 3/4 BRASS		P63-1115
	REPLACEMENT SCREEN 3/4		P63-1117
7	NIPPLE COPPER 3/4 X 4-3/4		A10-3349
8	SHOCKSTOP 3/4		P62-2250
9	VALVE NEEDLE STRAIGHT 1/4 X 1/4		P68-1532
10	UNION 3/4 CXC		P68-1446
11	NIPPLE COPPER 3/4 X 2-1/2		A10-3348
12	ADAPTOR 3/4 CXM		P68-1430
13	VALVE PRESSURE REDUCING 3/4 LPZ13		P62-1166
	REPAIR KIT PRV 3/4 OLD STYLE		P62-1167
	REPAIR KIT PRV 3/4 OLD STYLE REPAIR KIT PRV 3/4 NEW STYLE LPZ13	=======================================	P62-5518
14	GAUGE PRESSURE 2-1/2 DIA.		P65-1136
15	NIPPLE COPPER 3/4 X 1-3/4		A10-3345
16	PLUG 1/2 BRASS MIP		P68-1487
17	TEE 3/4 X 3/4 X 1/2 CXCXF		P68-1449
18	TEE 3/4 CXCXF		P68-1449
19	BUSHING 1/2 X 1/4 BRASS MXF		P68-1534
20	ELBOW 90 3/4 CXM		P68-1466
21	ELBOW 90 3/4 CXC SHORT		P68-1440
22	COMPLETE SOL. VALVE 3/4 120 V.		P54-2815
	STEAM/HOT WATER PISTON (HV2360181)		F34-2013
	COMPLETE SOL. VALVE 3/4 208/240 V.		P54-2816
	STEAM/HOT WATER PISTON (HV2360182)		F34-2010
	REPLACEMENT HEAD SOL. VALVE 3/4		P54-2814
	120 V. (EVERYTHING MINUS BASE)		F34-2014
	REPLACEMENT HEAD SOL. VALVE 240 V.		P54-2812
	208/240 V. (EVERYTHING MINUS BASE)		F34-2012
	REPAIR KIT 3/4 PISTON SOL. VALVE		D54 2021
	(314052)		P54-2821
	COIL 3/4 120 V. (2361701)		D54 2000
	COIL 3/4 208/240 V. (2361703)		P54-2808
23	VALVE NEEDLE STR 1/4 X 1/4 MIPXFIP		P54-2825
24	PLUG 1/4 BRASS MIP		P68-1511
25	WATER TOWER (RIGHT>LEFT MACHINE)		P68-1489
26	WATER TOWER (LEFT>RIGHT MACHINE)		B10-2678
27	CLAMP PIPE BRACKET 3/4		B10-2693
28	BRACKET PIPE SUPPORT LONG		A10-2021
	DIVIDICE FILE SOLLOWI LONG		A10-2022
	and varies		

_3/32 X 1/2" COTTER PIN -10-32 X 3/8" BOLT 10-32 NUT 5/16-18 X 3/4" BOLT 5/16 LOCK WASHER -5/16-18 X 1/2" BOLT 5/16 FLAT WASHER TANK 3/8-16 X 1/2" BOLT-5/16-18 X 3/4" BOLT 5/16 LOCK WASHER (16)21 3/8-16 X 1/2" BOLT-5/16-18 X 1/2" BOLT-

com was property of the sign o

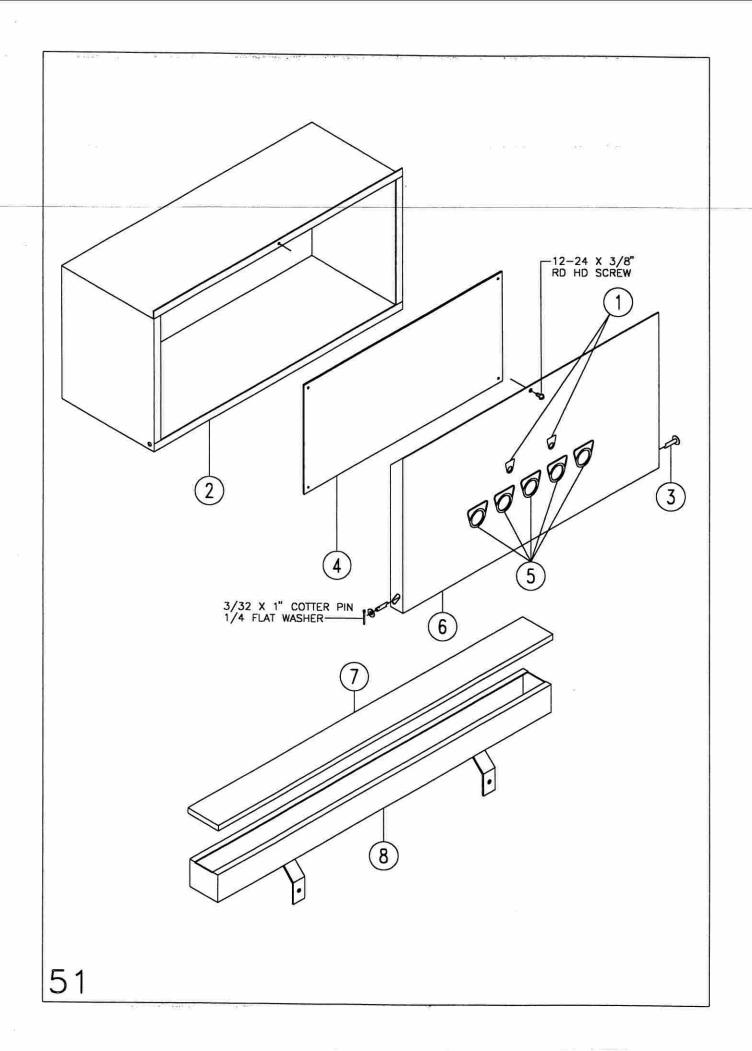
DRAIN & OVERFLOW ASSEMBLY

ITEA2	DECORIDATION	DEMARKS	DADT "
ITEM	DESCRIPTION	REMARKS	PART #
1	FUNNEL COVER		A10-1874
2	FUNNEL OVERFLOW ASSM. (PART #		A10-1873
3	INCLUDES BOTH HALVES & HARDWARE) OVERFLOW STAND PIPE TO FUNNEL		A10 1000
4	OVERFLOW STAND PIPE TO FUNNEL GASKET "U"	2 REQ'D	A10-1889 A57-1114
5	ADAPTOR ASSM. DRAIN TO OVERFLOW	ZILQU	A10-3305
6	PVC PLUG 2"; OVERFLOW		P68-1698
7	TEE OVERFLOW DRAIN BOX #97		B10-1871
8	GASKET "D" WASTE VALVE FLANGE		A57-1194
9	ORING #327 VITON; DRAINVALVE POPPET		P57-1057
10	VALVE & STEM WITH ORING (INCLUDES		A44-1196
11	ITEM #9) WASTE VAVLE BODY		010 1107
12	WASTE VAVLE BODY PACKING RING; DRAINVALVE	2 REQ'D	C10-1193 A57-1195
13	PACKING WASHER BRASS; DRAINVALVE	ZNLQU	A10-1183
14	PACKING NUT BRASS; DRAINVALVE		A10-1182
15	SHAFT, CROSS OVER (SIZE REQ'D		*
	OVER ALL LENGTH VARIES)		
16	PVC_CAP_2"; DRAINVALVE		A10-2067
17	ECCENTRIC ARM; DRAINVALVE		A10-1184
18 19	PLATE GUIDE SCRAPPER DRAIN VALVE HANDLE; DRAINVALVE		A10-2282
20	SLEEVE-BLUE; DRAINVALVE HANDLE		A10-4732 P57-2826
21	HANDLE; DRAINVALVE #98		B10-1888
	η, σ		2,0,000
	OVERFLOW DRAIN TEE ASSEMBLY		A10-1875
	(INCLUDES ITEMS 1,2,3,4,5,&7)		
	DRAINVALVE COMPLETE ASSEMBLY		A10-1251
	(INCLUDES ITEMS 9,10,11,12,13,14,&17)		A10-1231
* 0	ALL FACTORY WITH MODEL & SERIAL NUM	MBERS (800)	762-7600
-			
			15



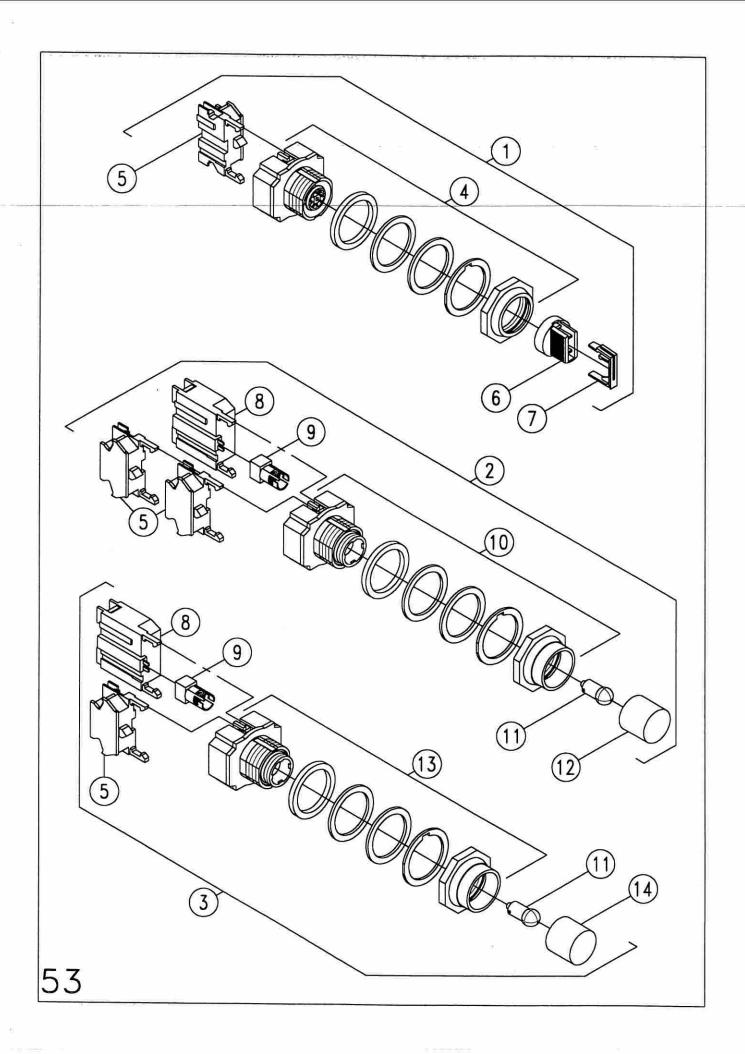
TEMP. & PRESSURE GAUGE ASSM.

1 COVER GAUGE BOX	ITEM	DESCRIPTION	REMARKS	PART #
2 PLUG CAP 2" CHROME PLATED P67-2619 3 HOUSING ASSM. TWIN TEMP. GAUGE B10-2149 4 DECAL TEMP. GAUGE POWER SCAPPER 110-140 A69-1454 DECAL TEMP. GAUGE POWER WASH 150-165 A69-1455 DECAL TEMP. GAUGE POWER WASH 150-165 A69-1457 DECAL TEMP. GAUGE POWER WASH 140-160 A69-1457 DECAL TEMP. GAUGE POWER RINSE 160-190 A69-1458 DECAL TEMP. GAUGE FINAL RINSE 180-200 A69-1459 DECAL TEMP. GAUGE SANITIZING RINSE 140-160 A69-1460 DECAL TEMP. GAUGE LO TEMP RINSE 120-150 A69-2304 5 TEMPERATURE GAUGE P65-1135 6 SPACER STAND-OFF LEGS 4 REQ'D A10-2070 7 SEALING PUTTY (DUM-DUM) P57-1878 8 WASHER SEALING CUP A10-2155 9 CUP SEALING FOR GAUGE 3 REQ'D A57-2156 11 PRESSURE GUAGE 100LBS. 1/4" BACK P65-2228 CONNECTION P65-2228			TILIMI AIXIS	
4 DECAL TEMP. GAUGE POWER SCAPPER 110-140 A69-1454 DECAL TEMP. GAUGE PRIMARY RINSE 140-160 A69-1455 DECAL TEMP. GAUGE POWER WASH 150-165 A69-1456 DECAL TEMP. GAUGE POWER WASH 160-175 A69-1457 DECAL TEMP. GAUGE POWER RINSE 160-190 A69-1458 DECAL TEMP. GAUGE FINAL RINSE 180-200 A69-1459 DECAL TEMP. GAUGE SANITIZING RINSE 140-160 A69-1460 DECAL TEMP. GAUGE SANITIZING RINSE 140-160 A69-1461 DECAL TEMP. GAUGE LO TEMP RINSE 120-150 A69-2304 5 TEMPERATURE GAUGE P65-1135 6 SPACER STAND-OFF LEGS 4 REQ'D A10-2070 7 SEALING PUTTY (DUM-DUM) P57-1878 8 WASHER SEALING CUP A10-2155 9 CUP SEALING FOR GAUGE A10-2150 10 RINGS, NEOPREME 3 REQ'D A57-2156 11 PRESSURE GUAGE 100LBS. 1/4" BACK P65-2228				
4 DECAL TEMP. GAUGE POWER SCAPPER 110-140 A69-1454 DECAL TEMP. GAUGE PRIMARY RINSE 140-160 A69-1455 DECAL TEMP. GAUGE POWER WASH 150-165 A69-1456 DECAL TEMP. GAUGE POWER WASH 160-175 A69-1457 DECAL TEMP. GAUGE POWER RINSE 160-190 A69-1458 DECAL TEMP. GAUGE FINAL RINSE 180-200 A69-1459 DECAL TEMP. GAUGE SANITIZING RINSE 140-160 A69-1460 DECAL TEMP. GAUGE SANITIZING RINSE 140-160 A69-1461 DECAL TEMP. GAUGE LO TEMP RINSE 120-150 A69-2304 5 TEMPERATURE GAUGE P65-1135 6 SPACER STAND-OFF LEGS 4 REQ'D A10-2070 7 SEALING PUTTY (DUM-DUM) P57-1878 8 WASHER SEALING CUP A10-2155 9 CUP SEALING FOR GAUGE A10-2150 10 RINGS, NEOPREME 3 REQ'D A57-2156 11 PRESSURE GUAGE 100LBS. 1/4" BACK P65-2228	- 3			
DECAL TEMP. GAUGE PRIMARY RINSE 140-160 A69-1455 DECAL TEMP. GAUGE POWER WASH 150-165 A69-1456 DECAL TEMP. GAUGE POWER WASH 160-175 A69-1457 DECAL TEMP. GAUGE POWER WASH 140-160 A69-1458 DECAL TEMP. GAUGE POWER RINSE 160-190 A69-1459 DECAL TEMP. GAUGE FINAL RINSE 180-200 A69-1460 DECAL TEMP. GAUGE SANITIZING RINSE 140-160 A69-1461 DECAL TEMP. GAUGE SANITIZING RINSE 120-150 A69-2304 DECAL TEMP. GAUGE LO TEMP RINSE 120-150 A69-2304 SPACER STAND-OFF LEGS 4 REQ'D A10-2070 7 SEALING PUTTY (DUM-DUM) P57-1878 8 WASHER SEALING CUP A10-2155 9 CUP SEALING FOR GAUGE 3 REQ'D A57-2156 10 RINGS, NEOPREME 3 REQ'D A57-2156 11 PRESSURE GUAGE 100LBS. 1/4" BACK P65-2228 CONNECTION CONSTRUCTION CONSTRUCTION	4		110-140	
DECAL TEMP. GAUGE POWER WASH 150-165 A69-1456 DECAL TEMP. GAUGE POWER WASH 160-175 A69-1457 DECAL TEMP. GAUGE POWER WASH 140-160 A69-1458 DECAL TEMP. GAUGE POWER RINSE 160-190 A69-1459 DECAL TEMP. GAUGE FINAL RINSE 180-200 A69-1460 DECAL TEMP. GAUGE SANITIZING RINSE 140-160 A69-1461 DECAL TEMP. GAUGE LO TEMP RINSE 120-150 A69-2304 5 TEMPERATURE GAUGE P65-1135 6 SPACER STAND-OFF LEGS 4 REQ'D A10-2070 7 SEALING PUTTY (DUM-DUM) P57-1878 8 WASHER SEALING CUP A10-2155 9 CUP SEALING FOR GAUGE A10-2150 10 RINGS, NEOPREME 3 REQ'D A57-2156 11 PRESSURE GUAGE 100LBS. 1/4" BACK P65-2228				
DECAL TEMP. GAUGE POWER WASH 160-175 A69-1457 DECAL TEMP. GAUGE POWER WASH 140-160 A69-1458 DECAL TEMP. GAUGE POWER RINSE 160-190 A69-1459 DECAL TEMP. GAUGE FINAL RINSE 180-200 A69-1460 DECAL TEMP. GAUGE SANITIZING RINSE 140-160 A69-1461 DECAL TEMP. GAUGE LO TEMP RINSE 120-150 A69-2304 5 TEMPERATURE GAUGE P65-1135 6 SPACER STAND-OFF LEGS 4 REQ'D A10-2070 7 SEALING PUTTY (DUM-DUM) P57-1878 8 WASHER SEALING CUP A10-2155 9 CUP SEALING FOR GAUGE 3 REQ'D A57-2156 10 RINGS, NEOPREME 3 REQ'D A57-2156 11 PRESSURE GUAGE 100LBS. 1/4" BACK P65-2228				
DECAL TEMP. GAUGE POWER WASH 140—160 A69—1458 DECAL TEMP. GAUGE POWER RINSE 160—190 A69—1459 DECAL TEMP. GAUGE FINAL RINSE 180—200 A69—1460 DECAL TEMP. GAUGE SANITIZING RINSE 140—160 A69—1461 DECAL TEMP. GAUGE LO TEMP RINSE 120—150 A69—2304 5 TEMPERATURE GAUGE P65—1135 6 SPACER STAND—OFF LEGS 4 REQ'D A10—2070 7 SEALING PUTTY (DUM—DUM) P57—1878 8 WASHER SEALING CUP A10—2155 9 CUP SEALING FOR GAUGE A10—2150 10 RINGS, NEOPREME 3 REQ'D A57—2156 11 PRESSURE GUAGE 100LBS. 1/4" BACK P65—2228 CONNECTION CONNECTION				
DECAL TEMP. GAUGE FINAL RINSE 180-200 A69-1460 DECAL TEMP. GAUGE SANITIZING RINSE 140-160 A69-1461 DECAL TEMP. GAUGE LO TEMP RINSE 120-150 A69-2304 5 TEMPERATURE GAUGE P65-1135 6 SPACER STAND-OFF LEGS 4 REQ'D A10-2070 7 SEALING PUTTY (DUM-DUM) P57-1878 8 WASHER SEALING CUP A10-2155 9 CUP SEALING FOR GAUGE A10-2150 10 RINGS, NEOPREME 3 REQ'D A57-2156 11 PRESSURE GUAGE 100LBS. 1/4" BACK P65-2228 CONNECTION P65-2228				
DECAL TEMP. GAUGE SANITIZING RINSE 140—160 A69—1461 DECAL TEMP. GAUGE LO TEMP RINSE 120—150 A69—2304 5 TEMPERATURE GAUGE P65—1135 6 SPACER STAND—OFF LEGS 4 REQ'D A10—2070 7 SEALING PUTTY (DUM—DUM) P57—1878 8 WASHER SEALING CUP A10—2155 9 CUP SEALING FOR GAUGE A10—2150 10 RINGS, NEOPREME 3 REQ'D A57—2156 11 PRESSURE GUAGE 100LBS. 1/4" BACK P65—2228 CONNECTION P65—2228				
DECAL TEMP. GAUGE LO TEMP RINSE 120-150 A69-2304 5 TEMPERATURE GAUGE P65-1135 6 SPACER STAND-OFF LEGS 4 REQ'D A10-2070 7 SEALING PUTTY (DUM-DUM) P57-1878 8 WASHER SEALING CUP A10-2155 9 CUP SEALING FOR GAUGE A10-2150 10 RINGS, NEOPREME 3 REQ'D A57-2156 11 PRESSURE GUAGE 100LBS. 1/4" BACK P65-2228 CONNECTION P65-2228				
5 TEMPERATURE GAUGE P65-1135 6 SPACER STAND-OFF LEGS 4 REQ'D A10-2070 7 SEALING PUTTY (DUM-DUM) P57-1878 8 WASHER SEALING CUP A10-2155 9 CUP SEALING FOR GAUGE A10-2150 10 RINGS, NEOPREME 3 REQ'D A57-2156 11 PRESSURE GUAGE 100LBS. 1/4" BACK P65-2228 CONNECTION CONNECTION P65-2228				
6 SPACER STAND-OFF LEGS 4 REQ'D A10-2070 7 SEALING PUTTY (DUM-DUM) P57-1878 8 WASHER SEALING CUP A10-2155 9 CUP SEALING FOR GAUGE A10-2150 10 RINGS, NEOPREME 3 REQ'D A57-2156 11 PRESSURE GUAGE 100LBS. 1/4" BACK CONNECTION P65-2228			120-150	
7 SEALING PUTTY (DUM-DUM) P57-1878 8 WASHER SEALING CUP A10-2155 9 CUP SEALING FOR GAUGE A10-2150 10 RINGS, NEOPREME 3 REQ'D A57-2156 11 PRESSURE GUAGE 100LBS. 1/4" BACK P65-2228 CONNECTION CONNECTION CONNECTION	5		A PEOID	
8 WASHER SEALING CUP A10-2155 9 CUP SEALING FOR GAUGE A10-2150 10 RINGS, NEOPREME 3 REQ'D A57-2156 11 PRESSURE GUAGE 100LBS. 1/4" BACK P65-2228 CONNECTION P65-2228			4 NEQU	
9 CUP SEALING FOR GAUGE 10 RINGS, NEOPREME 3 REQ'D A57-2156 11 PRESSURE GUAGE 100LBS. 1/4" BACK CONNECTION P65-2228				
10 RINGS, NEOPREME 3 REQ'D A57-2156 11 PRESSURE GUAGE 100LBS. 1/4" BACK P65-2228 CONNECTION				
11 PRESSURE GUAGE 100LBS. 1/4" BACK P65-2228 CONNECTION			3 REQ'D	
CONNECTION	11			
12 DASHBOARD 4 HOLE B10-2725		CONNECTION		
	12	DASHBOARD 4 HOLE		B10-2725
			A 2	
	ii			
				6
				1



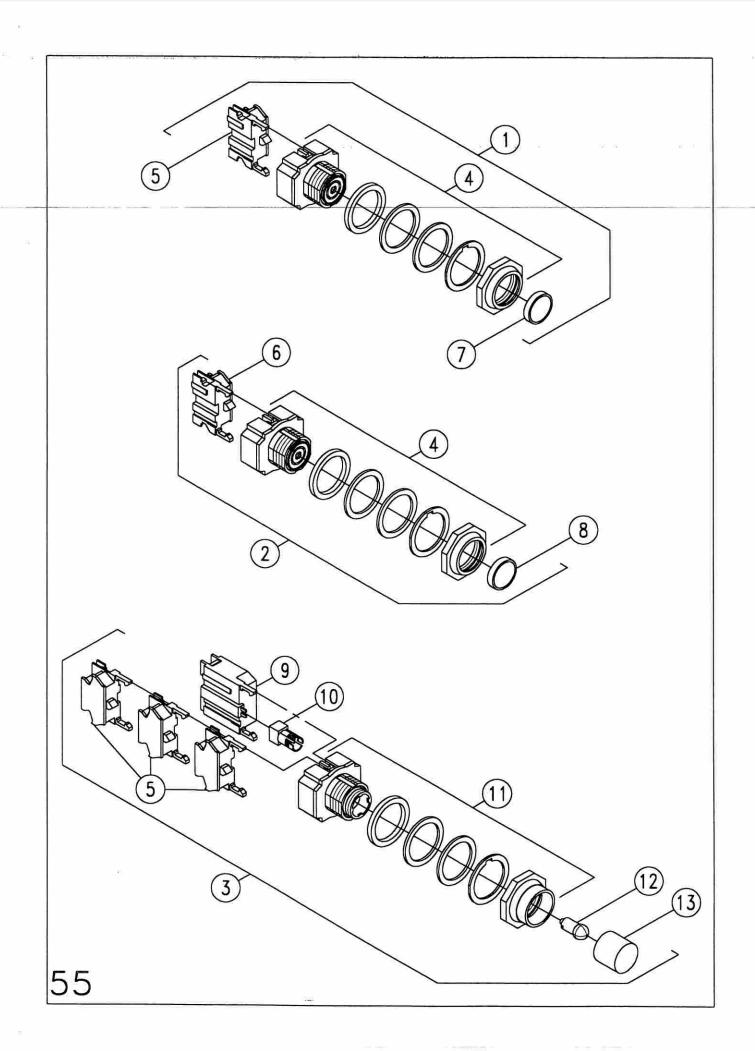
TYPICAL CONTROL BOX

			35
ITEM	DESCRIPTION	REMARKS	PART #
1	DECAL, BURNER (INFRARED MACHINE)		A69-5800
	DECAL, BLOWER (INFRARED MACHINE)		A69-5799
2	CONTROL BOX (SPECIFY MODEL#,		*
	SERIAL# & OVERALL SIZE)		
3	PIN HINGE CONTROL BOX (SPECIFY		*
	OVERALL LENGTH)		
4	BASE PLATE (SPECIFY MODEL#, SERIAL#		*
	& OVERALL SIZE)		100 1110
5	DECAL SAFETY ON/OFF		A69-4148
	DECAL TANK FILL ON/OFF		A69-4144
	DECAL FILL		A69-4139
	DECAL TANK HEAT ON/OFF		A69-4147
	DECAL TANK HEAT DECAL WASH HEAT		A69-4315 A69-4316
	DECAL WASH HEAT DECAL RINSE HEAT		A69-4316
	DECAL RINSE HEAT DECAL BOOSTER		A69-4141
	DECAL BOOSTER ON/OFF		A69-4143
	DECAL START		A69-4318
	DECAL STOP		B69-1429
	DECAL START PUMP		A69-4313
	DECAL STOP PUMP		A69-4314
	DECAL START CONVEYOR		A69-4149
	DECAL STOP CONVEYOR		A69-4150
	DECAL RUN PILOT		A69-4317
6	DOOR CONTROL BOX (SPECIFY MODEL#,		*
	SERIAL#, OVERALL SIZE, & NUMBER OF		
	SWITCH HOLES)		
7	COVER ELECTRICAL GUTTER BOX		*
	(SPECIFY SIZE)		
8	BOX GUTTER (SPECIFY SIZE)		*
	ALL FACTORY WITH MORE! 0. CERIAL NIII	ADEDC (900)	760 7600
* (CALL FACTORY WITH MODEL & SERIAL NUI	MBEKS (000)	762-7600
			Γ 0



SWITCH ASSEMBLIES

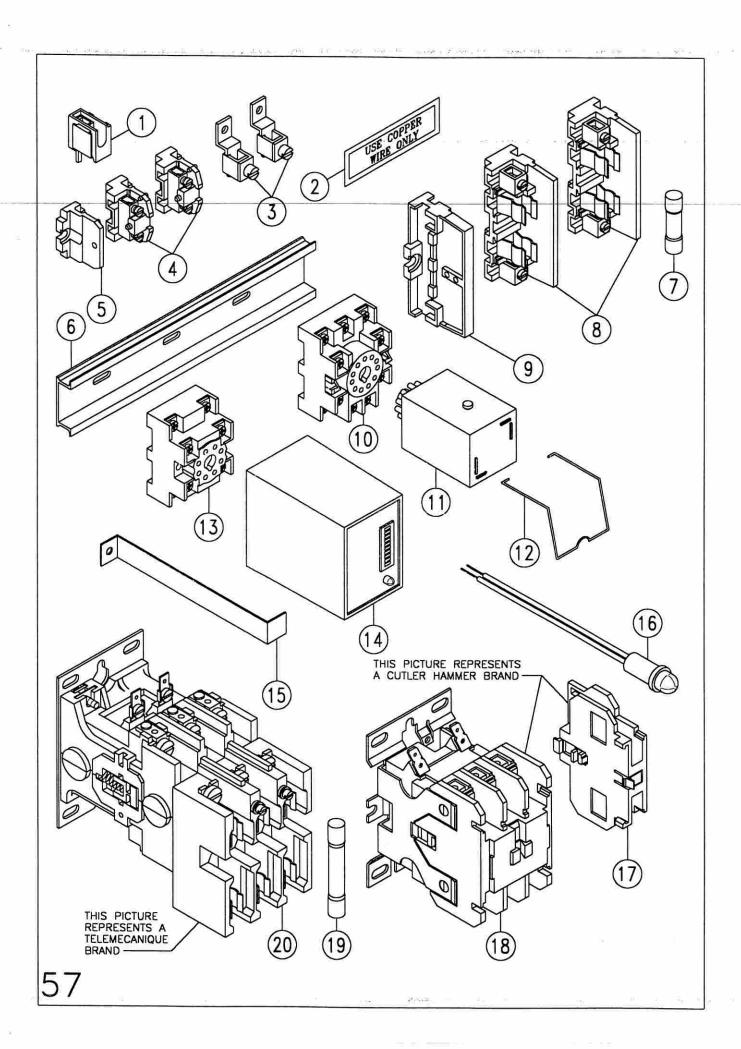
ITEM	DESCRIPTION	REMARKS	PART #
1	SWITCH ON/OFF COMP. ASSM.		A10-1930
2	SWITCH FILL COMP. ASSM.	SPEC.VOLTS	A10-1933
	(ONE OR TWO TANK MACHINE)		
3	SWITCH TANK HEAT OR BOOSTER HEAT	SPEC.VOLTS	A10-1934
- A	COMP. ASSM.		546 4700
4	SELECTOR SWITCH 2 POSITION	(ODEEN)	P49-1306
5 6	N/O A BLOCK BLACK KNOB	(GREEN)	P49-1303
7	LOCK INSERT WHITE KNOB		P49-1316
8	TRANSFORMER 110 VOLT TO 6.3 VOLT		P49-1317 P49-1301
	TRANSFORMER 220 VOLT TO 6.3 VOLT		P49-1302
9	LAMP HOLDER SHORT		P49-1319
10	PUSH BUTTON ILLUMINATED MOMENTARY		P49-1310
11	LAMP #51		P49-1322
12	GREEN LENS		P49-1312
13	PUSH BUTTON ILLUMINATED MAINTAINED		P49-1308
14	RED LENS		P49-1311
-			
		-	· =
-			
			=
	CUDDLY MACHINE MODEL A CED	NAL NUMBER	E 4



SWITCH ASSEMBLIES

ITEM	DESCRIPTION	REMARKS	PART #
1	SWITCH START COMP. ASSM.		A10-1936
<u>2</u> 3	SWITCH STOP COMP. ASSM.		A10-1937
3	SWITCH FILL COMP. ASSM.	SPEC.VOLTS	A10-3734
	(THREE TANK MACHINE)	JI LO. VOLIS	A10-3/34
4	PUSH BUTTON OPERATOR		D/0 1305
5	N/O A BLOCK	(GREEN)	P49-1305 P49-1303
6	N/C B BLOCK	(RED)	
7	BLACK DISC CAP	(NLU)	
8	RED DISC CAP		P49-1314
9	TRANSFORMER 110 VOLT TO 6.3 VOLT		P49-1315
	TRANSFORMER 220 VOLT TO 6.3 VOLT		P49-1301 P49-1302
10	LAMP HOLDER SHORT		
11	PUSH BUTTON ILLUMINATED MOMENTARY		P49-1319
12	LAMP #51		P49-1310
13	RED LENS		P49-1322
-10	NED LENS		P49-1311
	22/4/7/40 NO		

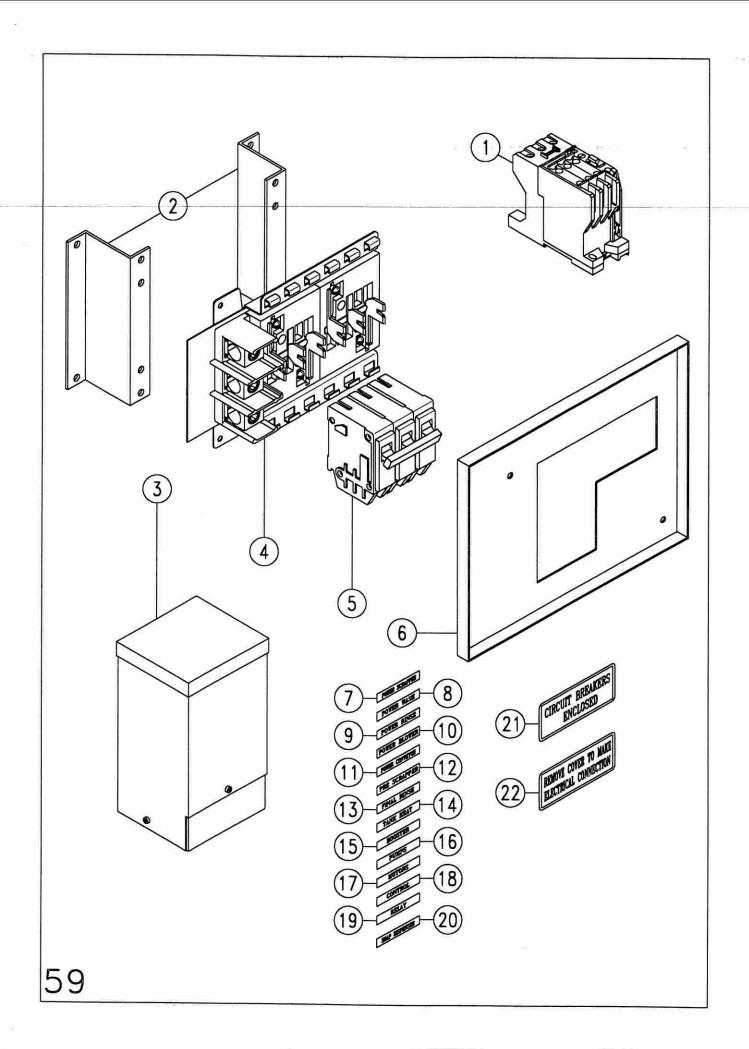
SUPPLY MACHINE MODEL & SERIAL NUMBER



CONTROL BOX COMPONENTS

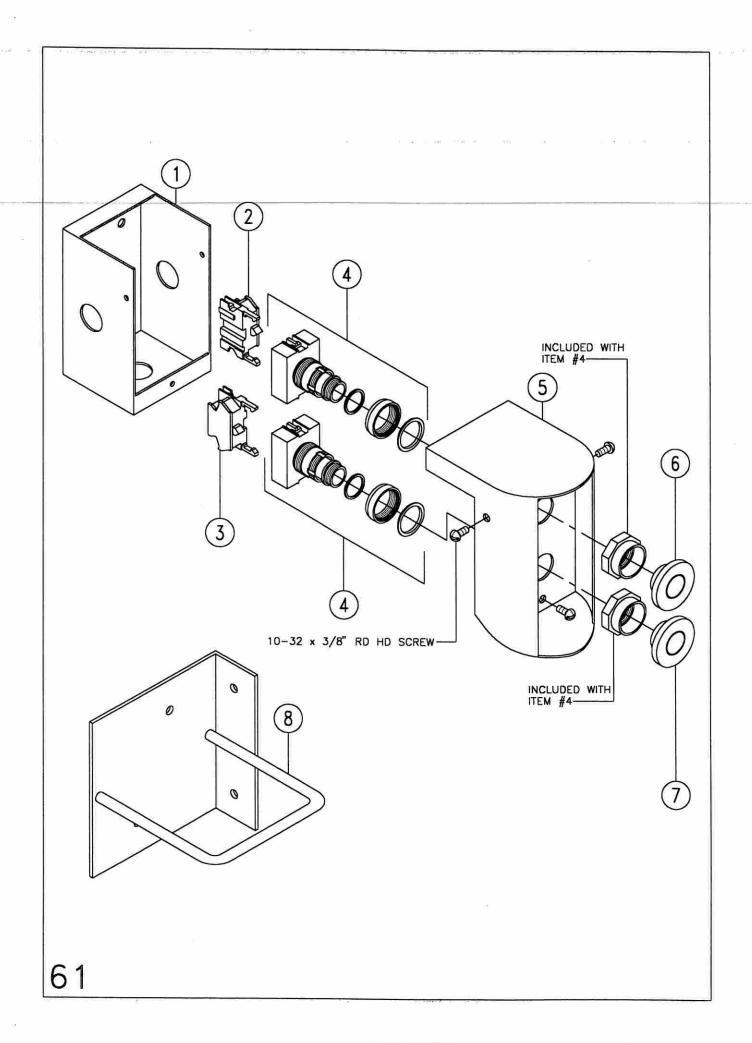
ITEM	DESCRIPTION	REMARKS	PART #
1	SECTIONAL FANNING STRIP #54		P52-2167
2	DECAL USE COPPER WIRE ONLY		A69-5449
3	GROUND LUG		P52-1156
4	TERMINAL BLOCK #524		P52-1099
5	TERMINAL END #530		P52-1100
6	DIN RAIL (SPECIFY LENGTH)		P47-1787
7	FUSE 3 AMP MAX 600V CLASS CC		P52-1854
	FUSE 5 AMP BUSS KTK-R5 CLASS CC		P52-2192
	FUSE 10 AMP MAX 600V CLASS CC		P52-1855
	FUSE 20 AMP MAX 600V CLASS CC		P52-1856
	FUSE 30 AMP MAX 600V CLASS CC		P52-1857
8	FUSE BLOCK TERMINAL SECTION	***************************************	P52-1870
9	FUSE BLOCK END SECTION		P52-1871
10	RELAY SOCKET	(11 PIN)	P47-2465
11	RELAY 120 VOLT 10 AMPS 3 POLE	(11 PIN)	P47-2464
	RELAY 240 VOLT 10 AMPS 3 POLE	(11 PIN)	P47-2463
12	CLIP-RELAY HOLD DOWN		P47-2466
13	TIMER SOCKET	(8 PIN)	P47-1741
14	TIMER ADJUSTABLE 512 SEC. 115 VOLT	(8 PIN)	P46-1744
	TIMER ADJUSTABLE 512 SEC. 240 VOLT	(8 PIN)	P46-1745
15	CLIP TIMER HOLD DOWN		A10-2014
16	PILOT LIGHT, 115 VOLT		P49-5788
	PILOT LIGHT, 240 VOLT		P49-5789
17	AUXILIARY CONTACTOR 1 N/O		P47-5517
	AUXILIARY CONTACTOR 2 N/O		P47-5718
	AUXILIARY CONTACTOR 2 N/C		P47-5989
	AUXILIARY CONTACTOR 1 N/O 1 N/C		P47-5508
18	CONTACTOR 3 POLE 115 V. 25/30 AMP		P47-5494
	CONTACTOR 3 POLE 220 V. 25/30 AMP		P47-5496
	CONTACTOR 3 POLE 115 V. 30/40 AMP		P47-5500
	CONTACTOR 3 POLE 220 V. 30/40 AMP		P47-5502
	CONTACTOR 3 POLE 115 V. 40/50 AMP		P47-5504
	CONTACTOR 3 POLE 220 V. 40/50 AMP		P47-5506
	CONTACTOR 3 POLE 220 V. 50/60 AMP		P47-5511
19	FUSE 30 AMP.		P52-1747
	FUSE 35 AMP.		P52-1748
	FUSE 40 AMP.		P52-5843
	FUSE 60 AMP.		P52-1749
20	CONTACTOR FUSIBLE 2PL 120V 30AMP		P47-1819
	CONTACTOR FUSIBLE 2PL 240V 30AMP		P47-1820
	CONTACTOR FUSIBLE 3PL 120V 40AMP		P47-1821
	CONTACTOR FUSIBLE 3PL 240V 40AMP		P47-1822
	CONTACTOR FUSIBLE 3PL 120V 60AMP		P47-1823
	CONTACTOR FUSIBLE 3PL 240V 60AMP		P47-1824

SUPPLY MACHINE MODEL & SERIAL NUMBER



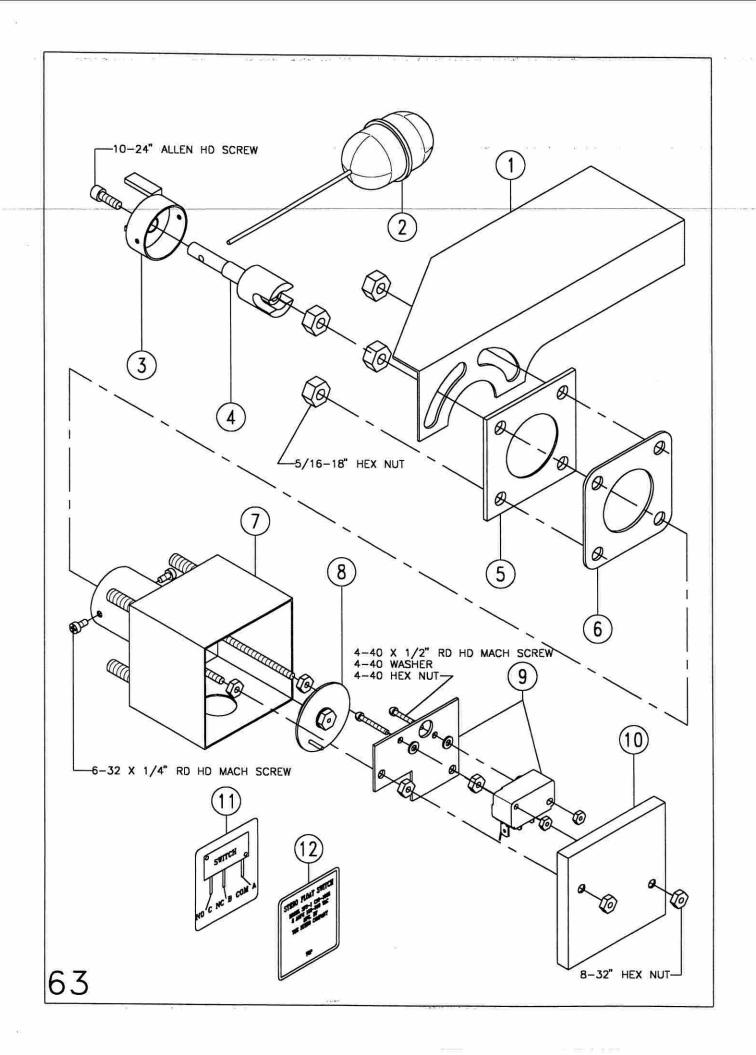
CONTROL BOX COMPONENTS CONT.

ITEM	DESCRIPTION	REMARKS	PART #
1		TEMARIO	
.1.	OVERLOAD RELAY ASSM. BLOWER DRYER (USE P47-5634, 5636, 5635, & 5920)		P47-1830
2	BRACKET MOUNTING CONTROL BOX/		A10-4787
	CIRCUIT SADDLE	× × × × ×	
3	STEP DOWN TRANSFORMER (CALL		*
	FACTORY MODEL# & SERIAL# OR THE #		
,	OFF THE TRANSFORMER)		
4	CIRCUIT BREAKER SADDLE (CALL FACTORY WITH THE AMOUNT OF		*
	CIRCUITS & BRAND OF BREAKERS)		
5	CIRCUIT BREAKER (CALL FACTORY WITH		*
	THE BRAND, AMPS. & AMOUNT OF		
	POLES)		
6	BREAKER PANEL COVER (CALL FACTORY		*
7	WITH MODEL# & SERIAL#)		1000
8	DECAL POWER SCRAPPER DECAL POWER WASH		A69-4082 A69-4083
9	DECAL POWER RINSE	412	A69-4084
10	DECAL POWER BLOWER		A69-4087
11	DECAL POWER CONVEYOR		A69-4088
12	DECAL PRE SCRAPPER		A69-4081
13	DECAL FINAL RINSE		A69-1464-5
14 15	DECAL PROSTER		A69-4089
16	DECAL BOOSTER DECAL PUMPS		A69-4135 A69-4093
17	DECAL MOTORS		A69-4094
18	DECAL CONTROL		A69-4097
19	DECAL RELAY		A69-4098
20	DECAL SOAP DISPENSER		A69-1464
21	DECAL CIRCUIT BREAKER ENCLOSED		A69-1951
ZZ	DECAL REMOVE COVER TO MAKE		A69-1465
	ELECTRICAL CONNECTION		· · · · · · · · · · · · · · · · · · ·
	CALL FACTORY WITH MODEL & CEDIAL AND	1DEDC (000)	760 7600
* (CALL FACTORY WITH MODEL & SERIAL NUM	IBERS (800)	762-7600
			6.0



START/STOP STATION ASSEMBLY

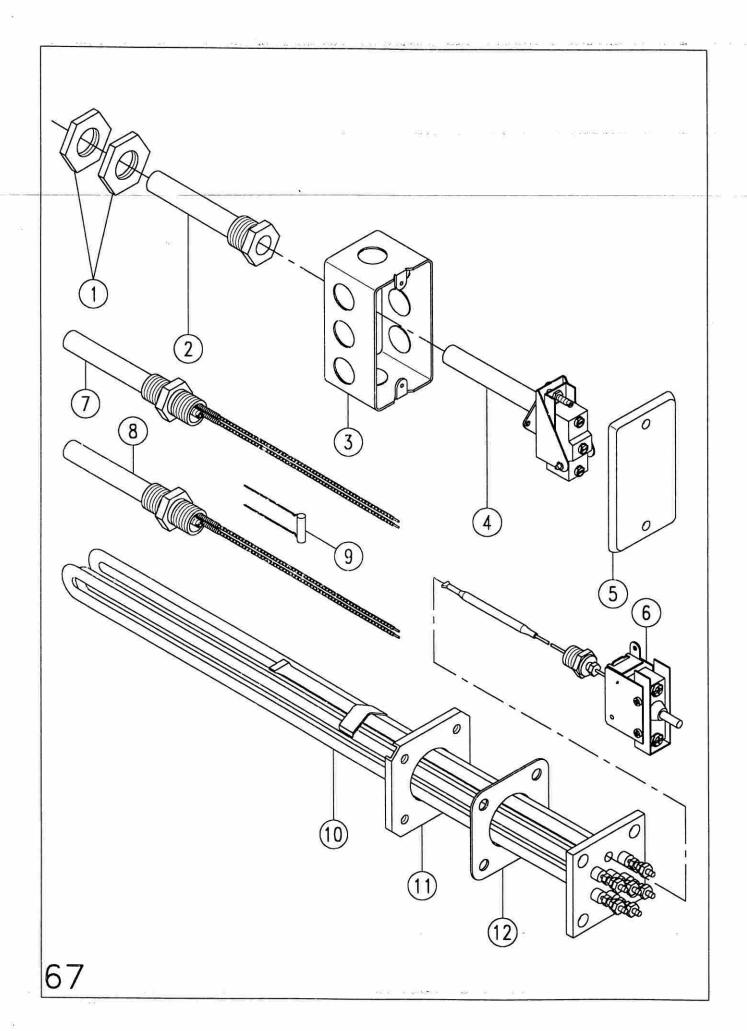
		A STATE OF THE STA	
ITEM	DESCRIPTION	REMARKS	PART #
1	START/STOP SWITCH HOUSING		A10-2047
3	N/O A BLOCK	(GREEN)	P49-1303
4	N/C B BLOCK PUSH BUTTON OPERATOR	(RED)	P49-1304
5	COVER & PLATE ASSM. START/STOP SW.		P49-1726 A10-4946
6	BLACK MUSHROOM OPERATOR		P49-1727
7	RED MUSHROOM OPERATOR		P49-1728
8	BRACKET MOUNTING & GUARD		A10-2057
	START SWITCH COMPLETE ASSM. BLACK		A10-2051
-	(ITEMS 2,4&6)		A10-2031
	STOP SWITCH COMPLETE ASSM. RED		A10-2052
	(ITEMS 3,4&7)		
	START/STOP STATION COMPLETE ASSM.		D10 2057
	(ITEMS 1-7)		B10-2053
	(TEMO 1 7)		
	START/STOP STATION COMPLETE ASSM.		B10-2300
	(ITEMŚ 1-8)		
		".	
-			
	2 2==		
		4	
-			
	· · · · · · · · · · · · · · · · · · ·		
		10.	
-			
-			
-			



NEW STYLE FLOAT SWITCH ASSM.

ores :	05000:27:00	05.440	
ITEM	DESCRIPTION	REMARKS	PART #
1	WIRE CLIP FLOAT SWITCH		P67-5915
3	CAP, SLOSH SHEILD (NO HOLES)		A10-5776
	FLOAT, FLOAT SWITCH		A10-5760
4	TUBE, SLOSH SHIELD		A10-5775
5	CAP, SLOSH SHIELD (WITH HOLES)	11	P49-5926
6	RETAINER, GROVELESS CLIP		P67-5761
7	BODY, FLOAT SWITCH		A10-5790
8	WASHER, RED SILICONE LOCKNUT 1/2" NPT S.S.		A10-5762
9	LOCKNUT 1/2" NPT S.S.		A10-1446
	ASSEMBLY, FLOAT SWITCH (FILL		A10-5756
	INCLUDES ITEMS 1-8)		K10 3/30
	THE COSES IT EMIC 1 G)		
	ASSEMBLY, FLOAT SWITCH (LOW WATER		A10-5757
	INCLUDES ITEMS 1-8)		
-			
		<u> </u>	
		-	
ļ — — — — — — — — — — — — — — — — — — —			
-			
-			
			-

SUPPLY MACHINE MODEL & SERIAL NUMBER

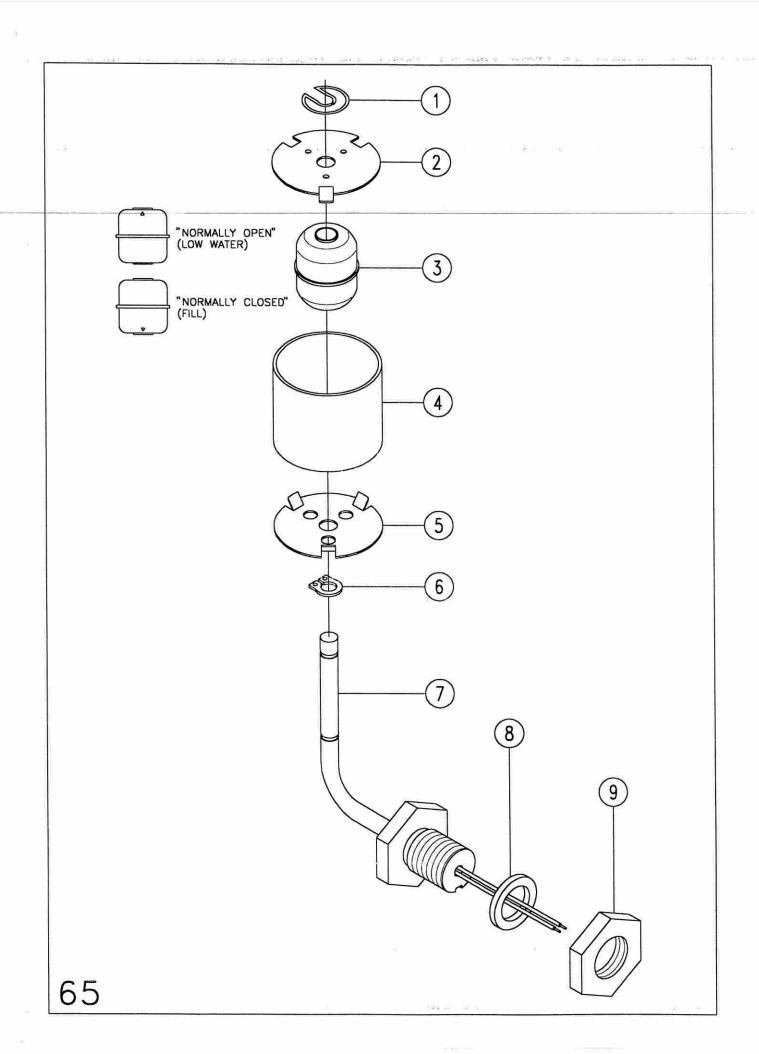


ž

FLOAT SWITCH ASSEMBLY

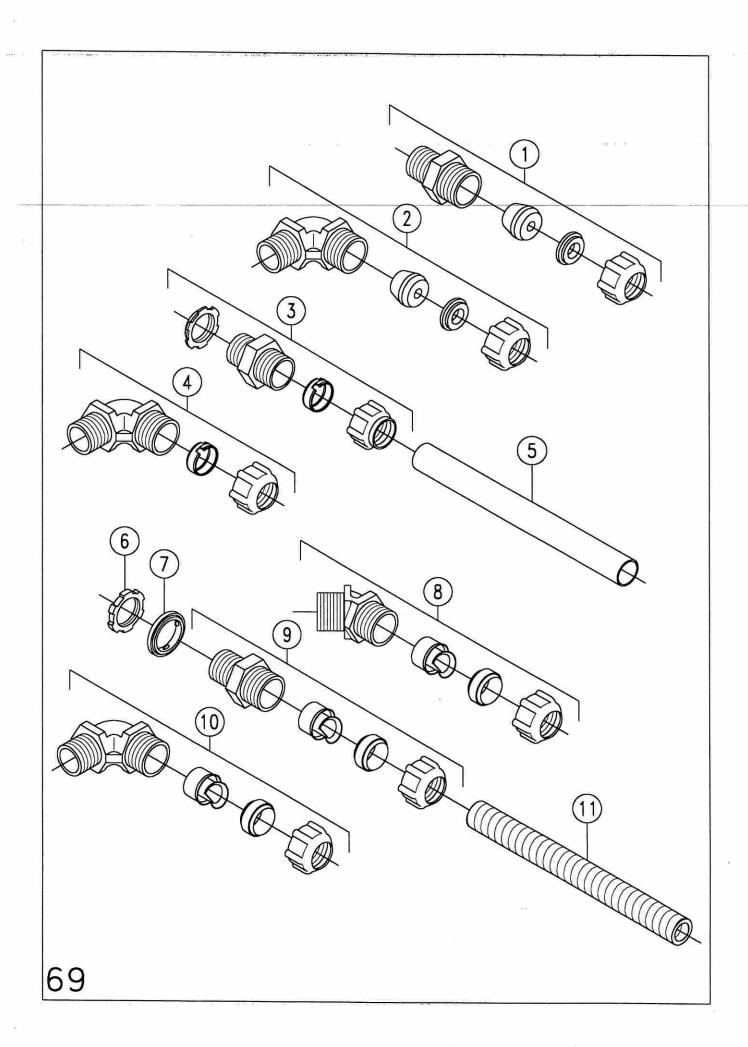
ITEM	DESCRIPTION	REMARKS	PART #
1	SHIELD FLOAT GUARD S.S.	SPEC. S#	B10-2059
2	FLOAT SWITCH FLOAT	1	A10-1432
3	FLOAT SWITCH MAGNET COVER		A10-1431
4	FLOAT SWITCH SHAFT W/HORSESHOE		A10-4485
	MAGNET		
5 6	FLOAT SWITCH INSIDE PRESS PLATE		A10-1418
	GASKET "2840"		A57-1419
7	FLOAT SWITCH HOUSING ASSM.		B10-1423
8	FLOAT SWITCH ROTOR DISC W/MAGNET		A10-4484
9	FLOAT SWITCH MICRO SWITCH ASSM.		A10-2054
-10	(INCLUDES ITEM #5)		
10	FLOAT SWITCH COVER		A10-1424
11	DECAL FLOAT SWITCH		A69-5329
12	DECAL STERO FLOAT SWITCH		A69-1954
	FLOAT CWITCH COMPLETE ACCEMBLY		040 4005
	FLOAT SWITCH COMPLETE ASSEMBLY		C10-1005
	(INCLUDES ITEMS 1-11)		
			-
			70
	——————————————————————————————————————		
(

SUPPLY MACHINE MODEL & SERIAL NUMBER



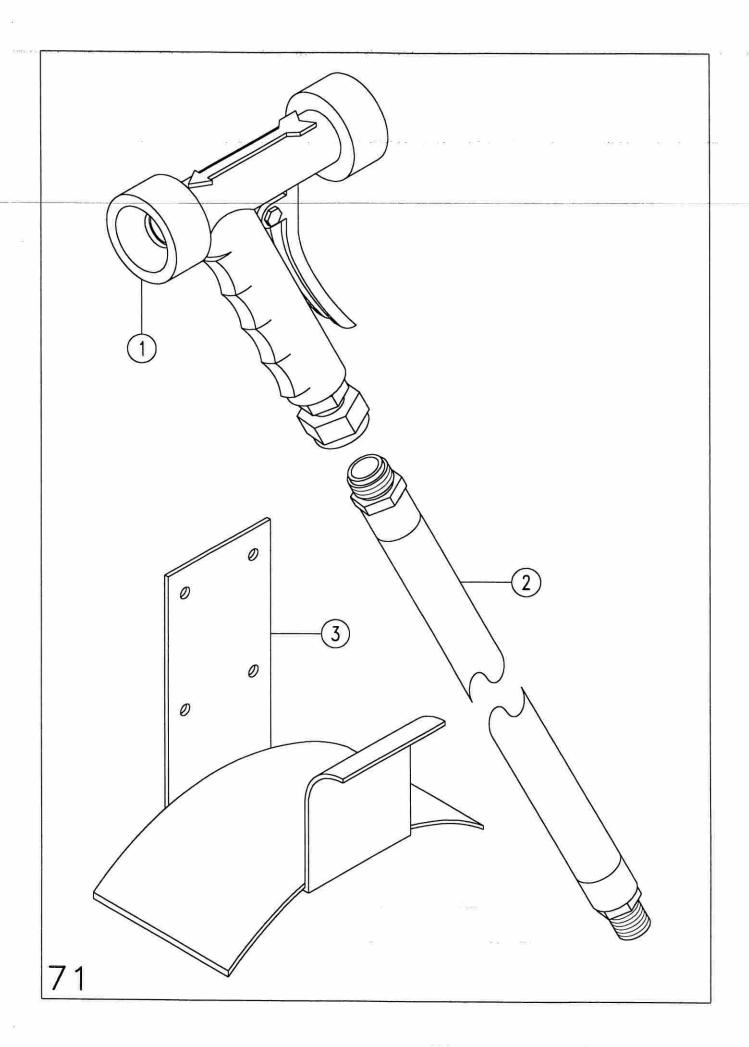
THERMOSTATS & ELEMENTS

ITEM DESCRIPTION REMARKS PART # 1 LOCKNUT 3/4 A10-1859 2 BULB HOUSING-ASSM. A10-1858 3 BOX ELECTRIC 2 X 4 P45-1242 4 THERMOSTAT FENWAL P65-1185 (TANK HEAT-INCLUDES ITEMS 3 & 5) 5 COVER JUNCTION BOX 2 X 4 P48-1285 6 SWITCH HI-LIMIT CUTOFF TEMP. CONT. P65-5776 7 THERMOSTAT CONTACTS OPEN ON RISE (USED ON STEAM BOOSTERS) 8 THERMOSTAT CONTACTS CLOSE ON RISE (COLD WATER AQUASTAT) 9 CAPACTIOR .001-600V P41-2461 HEATING ELEMENT 5KW 208 VOLT P55-1131 HEATING ELEMENT 5KW 240 VOLT P55-1131 HEATING ELEMENT 5KW 460 VOLT P55-1131 FLANGE HEATING ELEMENT 5KW 460 VOLT P55-1131 B10-1502 12 GASKET "U" A57-1114				
BULB HOUSING ASSM.	ITEM	DESCRIPTION	REMARKS	PART #
BULB HOUSING ASSM.	1	LOCKNUT 3/4		A10-1859
THERMOSTAT FENWAL	2 -	BULB HOUSING ASSM.		A10-1858
THERMOSTAT FENWAL				P48-1242
5 COVER JUNCTION BOX 2 X 4 6 SWITCH HI-LIMIT CUTOFF TEMP. CONT. 7 THERMOSTAT CONTACTS OPEN ON RISE (USED ON STEAM BOOSTERS) 8 THERMOSTAT CONTACTS CLOSE ON RISE (COLD WATER AQUASTAT) 9 CAPACITOR .001-600V 10 HEATING ELEMENT 5KW 208 VOLT HEATING ELEMENT 5KW 208 VOLT HEATING ELEMENT 5KW 460 VOLT 12 GASKET "U" 12 GASKET "U" 15 CASKET "U" 16 PASSIBLE OF THE OWN ASTAIL OF THE	4	THERMOSTAT FENWAL		P65-1185
6 SWITCH HI-LIMII CUTOFF TEMP, CONT. 7 THERMOSTAT CONTACTS OPEN ON RISE (USED ON STEAM BOOSTERS) 8 THERMOSTAT CONTACTS CLOSE ON RISE (COLD WATER AQUASTAT) 9 CAPACITOR .001-600V 10 HEATING ELEMENT 5KW 208 VOLT HEATING ELEMENT 5KW 240 VOLT P55-1131 HEATING ELEMENT 5KW 460 VOLT P55-1133 11 FLANGE HEATING ELEMENT GASKET "U" A57-1114		(TANK HEAT-INCLUDES ITEMS 3 & 5)		
6 SWITCH HI-LIMII CUTOFF TEMP, CONT. 7 THERMOSTAT CONTACTS OPEN ON RISE (USED ON STEAM BOOSTERS) 8 THERMOSTAT CONTACTS CLOSE ON RISE (COLD WATER AQUASTAT) 9 CAPACITOR .001-600V 10 HEATING ELEMENT 5KW 208 VOLT HEATING ELEMENT 5KW 240 VOLT P55-1131 HEATING ELEMENT 5KW 460 VOLT P55-1133 11 FLANGE HEATING ELEMENT GASKET "U" A57-1114	5	COVER JUNCTION BOX 2 X 4		P48-1285
(USED ON STEAM BOOSTERS) 8 THERMOSTAT CONTACTS CLOSE ON RISE (COLD WATER AQUASTAT) 9 CAPACITOR .001-600V 10 HEATING ELEMENT 5KW 208 VOLT HEATING ELEMENT 5KW 240 VOLT HEATING ELEMENT 5KW 460 VOLT P55-1133 11 FLANGE HEATING ELEMENT GASKET "U" A57-1114	100	SWITCH HI-LIMIT CUTOFF TEMP, CONT.		P65-5776
8 THERMOSTAT CONTACTS CLOSE ON RISE (COLD WATER AQUASTAT) 9 CAPACITOR .001-600V 10 HEATING ELEMENT 5KW 208 VOLT P55-1131 HEATING ELEMENT 5KW 240 VOLT P55-1132 11 FLANGE HEATING ELEMENT SKW 460 VOLT P55-1132 12 GASKET "U" A57-1114	7			P65-1183
(COLD WATER AQUASTAT) 9 CAPACITOR .001 – 600V P41 – 2461 10 HEATING ELEMENT 5KW 208 VOLT P55 – 1132 HEATING ELEMENT 5KW 240 VOLT P55 – 1133 11 FLANGE HEATING ELEMENT 12 GASKET "U" A57 – 1114				
9 CAPACITOR .001-600V P41-2461 10 HEATING ELEMENT 5KW 208 VOLT P55-1131 HEATING ELEMENT 5KW 240 VOLT P55-1133 HEATING ELEMENT 5KW 460 VOLT P55-1133 11 FLANGE HEATING ELEMENT B10-1502 12 GASKET "U" A57-1114	8			P65-1184
10 HEATING ELEMENT 5KW 208 VOLT P55—1131 HEATING ELEMENT 5KW 240 VOLT P55—1132 HEATING ELEMENT 5KW 460 VOLT P55—1133 11 FLANGE HEATING ELEMENT B10—1502 12 GASKET "U" A57—1114		(COLD_WATER_AQUASTAT)		
HEATING ELEMENT 5KW 240 VOLT HEATING ELEMENT 5KW 460 VOLT P55-1133 11 FLANGE HEATING ELEMENT B10-1502 A57-1114				
HEATING ELEMENT 5KW 460 VOLT FLANGE HEATING ELEMENT GASKET "U" A57-1114 A57-1114	10			
11 FLANGE HEATING ELEMENT 12 GASKET "U" A57-1114 A57-1114		HEATING ELEMENT 5KW 240 VOLT		P55-1132
12 GASKET "U" A57-1114	11	HEATING ELEMENT 5KW 460 VOLT		
SUPPLY MACHINE MODEL & SERIAL NUMBER 68	12	GASKET U		A5/-1114
SUPPLY MACHINE MODEL & SERIAL NUMBER 68				
SUPPLY MACHINE MODEL & SERIAL NUMBER 68				
SUPPLY MACHINE MODEL & SERIAL NUMBER 68				×
SUPPLY MACHINE MODEL & SERIAL NUMBER 68				
SUPPLY MACHINE MODEL & SERIAL NUMBER 68				
SUPPLY MACHINE MODEL & SERIAL NUMBER 68			<u> </u>	
SUPPLY MACHINE MODEL & SERIAL NUMBER 68				
SUPPLY MACHINE MODEL & SERIAL NUMBER 68				
SUPPLY MACHINE MODEL & SERIAL NUMBER 68				
SUPPLY MACHINE MODEL & SERIAL NUMBER 68				
SUPPLY MACHINE MODEL & SERIAL NUMBER 68				
SUPPLY MACHINE MODEL & SERIAL NUMBER 68				
SUPPLY MACHINE MODEL & SERIAL NUMBER 68				
SUPPLY MACHINE MODEL & SERIAL NUMBER 68				
SUPPLY MACHINE MODEL & SERIAL NUMBER 68				
SUPPLY MACHINE MODEL & SERIAL NUMBER 68				
SUPPLY MACHINE MODEL & SERIAL NUMBER 68			-	
SUPPLY MACHINE MODEL & SERIAL NUMBER 68				
SUPPLY MACHINE MODEL & SERIAL NUMBER 68		- 1'8, 1		
SUPPLY MACHINE MODEL & SERIAL NUMBER 68				
SUPPLY MACHINE MODEL & SERIAL NUMBER 68				
SUPPLY MACHINE MODEL & SERIAL NUMBER 68			-	
SUPPLY MACHINE MODEL & SERIAL NUMBER 68				
SUPPLY MACHINE MODEL & SERIAL NUMBER 68				
SUPPLY MACHINE MODEL & SERIAL NUMBER 68				
SUPPLY MACHINE MODEL & SERIAL NUMBER 68				
		SUPPLY MACHINE MODEL & SER	IAL NUMBER	68



ELECTRICAL FITTINGS

ITEM	DESCRIPTION	REMARKS	PART #
1	STRAIN RELIEF 1/2 T&B 2520		P52-2490
2	STRAIN RELIEF 90 DEGREE T&B		P52-2554
	.125250		
3	CONNECTOR STRAIGHT 1/2 EMT		P52-1197
5	ELBOW SHORT 90 DEGREE EMT 1/2 CONDUIT 1/2 EMT (SOLD BY THE FOOT)		P52-1107
6	CONDUIT 1/2 EMT (SOLD BY THE FOOT) LOCKNUT CONDUIT 1/2 NPT		P45-1108 P52-1035
7	SEALING RING 1/2 SEALTITE		P52-1038
8	ELBOW 45 DEGREE SEALTITE FITTING	- 15-	P52-1227
	3/8		
9	CONNECTOR SRAIGHT SEALTITE FITTING		P52-1142
10	3/8 ELBOW 90 DEGREE SEALTITE FITTING	*	P52-1018
- 10	3/8		1 32-1010
11	CONDUIT SEALTITE 3/8 (SOLD BY THE		P45-1048
	FOOT)		
		V=34	
		K-100	
			
			L,



WASHDOWN HOSE

ITEAN	DESCRIPTION	DEMARKS	DADT #					
ITEM	DESCRIPTION	REMARKS	PART #					
1	SPRAY NOZZLES, WASHDOWN HOSE HOSE WASHDOWN W/FITTINGS ONLY HANGER HOSE S.S.		P68-2227					
3	HANGER HOSE S S		A10-2875 B10-3096					
	THATOER HOSE 3.3.		B10 3030					
	HOSE 25' WASHDOWN 3/4" COMPLETE (INCLUDES ITEMS 1 & 2)		B10-3440					
	(INCLUDES ITEMS 1 & 2)							
	WASHDOWN HOSE, NOZZIE & HANGER		A10-4467					
	WASHDOWN HOSE, NOZZLE & HANGER (INCLUDES ITEMS 1, 2 & 3)		7110 1107					
		**-						
ļ								
-								
CURRY MACHINE MOREL & CERM MINDER 70								

8		a		9			
e e							
	¥						



The Stero Company 3200 Lakeville Highway Petaluma, CA 94954

(800) 762-7600

Toll free to Parts & Service (877) 762-3200