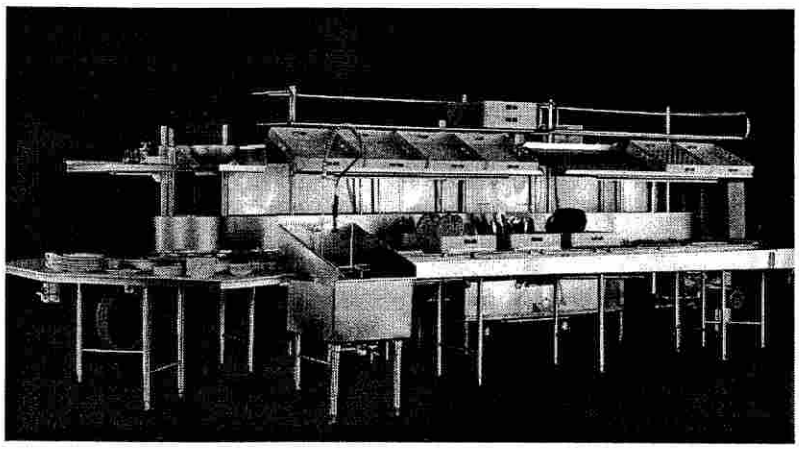
INSTRUCTION & PARTS MANUAL

SYSTEMATIC



STERO
Dishwashing Machines

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 de-liming 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.

SYSTEMATIC TROUBLE SHOOTING GUIDE

PROBLEM	LOOK FOR	CORRECTION
MACHINE WILL NOT COME UP TO TEMPERATURE (ELECTRIC TANK HEAT)	(1 TRIPPED CIRCUIT BREAKER.	(1 RESET CIRCUIT BREAKER.
	(2 TANK HEAT SWITCH	(2 CHECK TO INSURE TANK HEAT SWITCH IS ON.
	(3 BLOWN FUSE.	(3 TEST FUSE'S ON TANK HEAT CONTACTORS.
	(4 TRIPPED HIGH LIMIT.	(4 RESET HIGH LIMIT.
	(5 CHECK LINE VOLTAGE.	(5 CHECK LINE VOLTAGE WITH VOLTMETER.
	(6 CHECK AMPERAGE	(6 CHECK ELEMENTS FOR PROPER AMPERAGE DRAW.
	(7 LIME BUILD UP ON ELEMENTS.	(7 DELIME TANKS.
	(8 THERMOSTATS OUT OF ADJUSTMENT.	(8 ADJUST THERMOSTATS, REPLACE IF NECESSARY.
	(9 VENT DAMPERS INCORRECTLY SET.	(9 ADJUST DAMPERS.
MACHINE WILL NOT COME UP TEMPERATURE (STEAM TANK HEAT)	(1 STEAM SUPPLY VALVE CLOSED.	(1 OPEN STEAM SUPPLY VALVE.
	(2 STEAM RETURN VALVE CLOSED.	(2 OPEN STEAM RETURN VALVE.
	(3 DEFECTIVE STEAM VALVE.	(3 CHECK FOR PROPER OPERATION.
	(4 DEFECTIVE STEAM TRAP.	(4 CHECK FOR PROPER OPERATION.
	(5 LOW STEAM PRESSURE.	(5 15 TO 40 LBS PRESSURE.
	(6 THERMOSTATS OUT OF ADJUSTMENT.	(6 ADJUST THERMOSTATS, REPLACE IF NECESSARY.
	(7 LIME BUILD UP ON COILS.	(7 DELIME TANKS.
	(8 FILL VALVES STAYING OPEN.	(8 CHECK FILL VALVES AND AUTO FILL FLOAT SWITCHES.
	(9 VENT DAMPERS INCORRECTLY SET.	(9 ADJUST DAMPERS.
FINAL RINSE WILL NOT COME UP TO TEMPERATURE (STEAM BOOSTER)	(1 STEAM SUPPLY VALVE CLOSED.	(1 OPEN STEAM SUPPLY VALVE.
	(2 STEAM RETURN VALVE CLOSED.	(2 OPEN STEAM RETURN VALVE.
	(3 DEFECTIVE STEAM VALVE.	(3 CHECK FOR PROPER OPERATION.
	(4 DEFECTIVE STEAM TRAP.	(4 CHECK FOR PROPER OPERATION.
	(5 LOW STEAM PRESSURE.	(5 15 TO 40 LBS PRESSURE.
	(6 THERMOSTATS OUT OF ADJUSTMENT.	(6 ADJUST THERMOSTATS, REPLACE IF NECESSARY.
	(7 WATER TEMPERATURE AT INLET LOW.	(7 WATER AT INLET SHOULD BE 140° F.
	(8 FINAL RINSE FLOW PRESSURE SET INCORRECTLY.	(8 FLOW PRESSURE SHOULD BE 15 TO 20 LBS. ADJUST PRV. VALVE.
	(9 DEFECTIVE FINAL RINSE VALVE.	(9 CHECK FOR PROPER OPERATION.
	(10 CHECK MIXING VALVE.	(10 ADJUST MXING VALVE.
	(11 BOOSTER LIMED UP.	(11 CLEAN OR REPLACE BOOSTER.
	(12 RUPTURED BOOSTER.	(12 REPLACE BOOSTER.

SYSTEMATIC TROUBLE SHOOTING GUIDE

PROBLEM	LOOK FOR	CORRECTION
PUMP MOTOR KICKING OUT	(1 CHECK MOTOR ROTATION. (2 CHECK LINE VOLTAGE. (3 BROKEN GLASS, DISH, SILVER, ETC. IN PUMP HOUSING. (4 PLUGGED MANIFOLDS.	(1 CHANGE MOTOR ROTATION. (2 CHECK WITH VOLTMETER. (3 REMOVE PUMP MOTOR & CLEAN PUMP HOUSING. CHECK INTAKE & DISCHARGE SIDE OF PUMP. (4 REMOVE AND CLEAN UPPER AND LOWER MANIFOLDS.
CONVEYOR WON'T RUN	(1 TRIPPED CIRCUIT BREAKER. (2 CHECK CONVEYOR DRIVE MOTOR. (3 CHECK GEAR BOX. (4 LOSE V-BELTS. (5 CHECK POSITION OF CONVEYOR REVERSING SWITCH. (6 CHECK CONVEYOR MOTOR CONTACTOR. (7 CHECK TENSION ON CONVEYOR DRIVE ASSEMBLY. (8 CHECK DRIVE DOG ASSEMBLY ON CARRIERS. (9 JAMMED CARRIER.	(1 RESET CIRCUIT BREAKER. (2 RESET OVERLOAD. (3 CHECK GEAR BOX FOR PROPER OPERATION. CHECK OIL LEVEL. (4 TIGHTEN V-BELTS. (5 MOVE SWITCH TO FORWARD POSITION. (6 CHECK OPERATION OF CONTACTOR. (7 ADJUST TENSION ON CONVEYOR DRIVE CHAIN ASSEMBLY. (8 ADJUST OR REPLACE WORN DOGS. (9 LOCATE AND FREE CARRIER.
MACHINE RUNS FOR A FEW SECONDS THEN SHUTS OFF	(1 CHECK LOW WATER CUT-OFF FLOAT SWITCHES. (2 OPEN DRAIN VALVE. (3 CHECK SETTING ON SHUT DOWN TIMER.	(1 CHECK OPERATION OF LOW WATER CUT-OFF FLOAT SWITCHES. (2 CLOSE DRAIN VALVE. (3 RESET TIME ON TIMER.
MACHINE IS NOT WASHING PROPERLY.	(1 PLUGGED MANIFOLDS. (2 PUMP MOTOR KICKED OUT. (3 CHECK WASH TEMPERATURE. (4 EMPTY DETERGENT CONTAINER. (5 LOW WATER LEVEL IN TANK.	(1 REMOVE AND CLEAN UPPER AND LOWER MANIFOLDS. (2 RESET OVERLOAD ON MOTOR. (3 ADJUST WASH TEMPERATURE. 150 TO 165F. (4 REPLACE CONTAINER. (5 ADJUST FILL FLOAT SWITCH.
MACHINE IS NOT RINSING PROPERLY	(1 PLUGGED FINAL RINSE SPRAYERS. (2 UPPER & LOWER FINAL RINSE PIPES OUT OF ALIGNMENT. (3 DEFECTIVE FINAL RINSE VALVE. (4 LOW FINAL RINSE PRESSURE. (5 CHECK FINAL RINSE TEMPERATURE. (6 CHECK FINAL RINSE RAKE FOR PROPER OPERATION.	(1 REMOVE AND CLEAN. (2 ADJUST UPPER & LOWER SPARY PATTERN. (3 CHECK & REPLACE IF NECESSARY. (4 FLOW PRESSURE SHOULD BE 15 TO 20 LBS. ADJUST PRV. VALVE. (5 ADJUST BOOSTER THERMOSTAT, CHECK INCOMING WATER TEMP. TO BOOSTER FRIST. (140° F) (6 ADJUST RAKE AS NEEDED.

SYSTEMATIC TROUBLE SHOOTING GUIDE

PROBLEM	LOOK FOR	CORRECTION
MACHINE WILL NOT FILL	(1 CLOSED WATER SUPPLY VALVE.	(1 OPEN SUPPLY VALVE.
	(2 PLUGGED LINE STRAINER.	(2 REMOVE AND CLEAN SCREEN.
	(3 DEFECTIVE FILL VALVE.	(3 CHECK OPERATION OF VALVE, REPLACE IF NECESSARY.
	(4 DRAIN VALVE OPEN.	(4 CHECK SEAT FOR FOOD PARTICLES "O" RING BROKEN OR OUT OF PLACE.
	(5 DEFECTIVE FILL RELAY.	(5 CHECK TO INSURE RELAY IS ENERGIZING WHEN FILL SWITCH IS PUSHED INWARD.
	(6 DEFECTIVE FILL SWITCH.	(6 CHECK CONTACT BLOCKS ON FILL SWITCH TO INSURE THEY ARE CLOSING.
	(7 DEFECTIVE FLOAT SWITCH.	(7 CHECK OPERATION OF FLOAT SWITCHES ADJUST AS NEEDED.
MACHINE WILL NOT HOLD WATER	(1 FOOD PARTICLES HOLDING DRAIN VALVE FROM SEATING.	(1 CHECK DRAIN VALVE SEAT.
	(2 DRAIN NOT CLOSING.	(2 ADJUST DRAIN LINKAGE BETWEEN DRAIN VALVE BODY AND FOOT LEVER.
	(3 DEFECTIVE DRAIN O RING.	(3 REPLACE O RING.
MACHINE OVERFILLS	(1 DEFECTIVE FILL VALVE.	(1 CHECK OPERATION OF VALVE, REPLACE IF NECESSARY.
	(2 DEFECTIVE FILL FLOAT SWITCH.	(2 CHECK OPERATION OF FLOAT SW. ADJUST AS NEEDED.
	(3 COLD WATER AQUASTAT VALVE OPEN.	(3 CHECK TEMPERATURE IN SCRAPPER TANK.
	(4 FINAL RINSE VALVE STAYING OPEN.	(4 CHECK FINAL RINSE VALVE AND FINAL RINSE RAKE FOR PROPER OPERATION.
MACHINE WILL NOT START.	(1 TRIPPED CONTROL CIRCUIT BREAKER.	(1 RESET CONTROL CIRCUIT BREAKER.
	(2 SAFETY SWITCH.	(2 TURN SWITCH TO ON POSITION.
	(3 BLOWN CONTROL FUSE.	(3 TEST FUSE REPLACE IF BLOWN.
	(4 DEFECTIVE DOOR SAFETY SWITCH.	(4 CHECK DOOR SWITCHES.
	(5 DEFECTIVE DOOR SAFETY SWITCH CONTROL RELAY.	(5 CHECK TO INSURE CONTROL RELAY IS ENERGIZING WHEN DOORS ARE CLOSED.
	(6 LOW WATER LEVEL IN TANKS.	(6 CHECK WATER LEVEL IN TANKS, WATER SHOULD BE 1/2" BELOW OVERFLOW BELL.
	(7 DRAIN VALVE OPEN.	(7 CHECK SEAT FOR FOOD PARTICLES "O" RING BROKEN OR OUT PLACE.
	(8 CHECK LOW-WATER CUT-OFF FLOAT SWITCHES. (WASH & RINSE TANKS)	(8 CHECK OPERATION OF LOW WATER CUT-OFF FLOAT SWITCHES, ADJUST OR REPLACE IF NECESSARY.

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 inter-connecting 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.

8. 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).

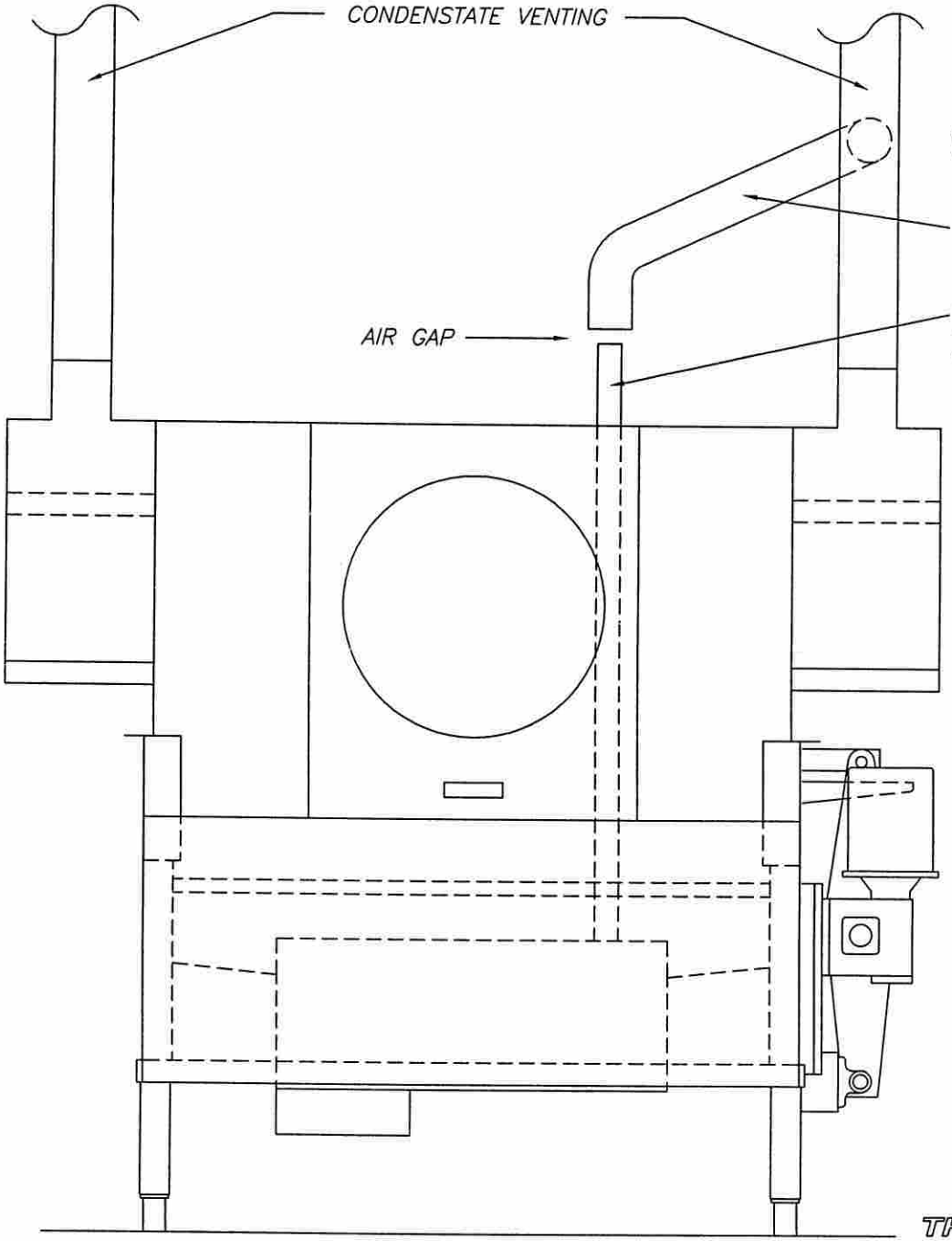
5. Clean the exterior of the machine with a good, acceptable stainless steel cleaner. Lemon oil may be used.

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!

ALL DIMENSIONS ARE IN DECIMAL INCHES UNLESS STATED OTHERWISE.
BREAK ALL SHARP EDGES.



NOTE: ALL FABRICATION BY OTHERS FOR VENTING MUST MEET OR EXCEED ALL LOCAL CODES. AS A BY PRODUCT OF OUR VERY HIGH EFFICIENCIES, SOME CONDENSATION IS PRESENT IN THE EXHAUST. ALL STERO COMPONENTS FOR EXHAUSTING THE I.R. HEATERS ARE FABRICATED OUT OF T304 18–8 STAINLESS STEEL.

INTEGRAL DRAFT HOODS ARE NOT RECOMMENDED FOR OUR SYSTEMS BECAUSE OF THE LOW EXHAUST TEMPERATURES AND THE LOW STACK DRAFT.

FACTORY RECOMMENDED EXHAUST
TIE–IN TO CONDENSATE VENTING – INDIRECT CONNECTION.

COMPLY WITH ALL LOCAL CODES AND FABRICATING REQUIREMENTS.

TYPICAL 1 5/8" DIAMETER STAINLESS STEEL EXHAUST STACK.

TYPICAL FLUE TEMPERATURES – 125–145° F
TYPICAL FLUE DRAFT – +.1" W.C.

TYPICAL SINGLE BURNER CONVEYOR DISHWASHER.

THE STERO COMPANY 3200 LAKEVILLE HIGHWAY PETALUMA, CALIFORNIA 94954 PHONE: (707)762–0071 FAX: (707)762–5036

TITLE: RECOMMENDED VENTING, I.R. GAS DISHWASHER		
MATERIAL: NOTED		DIMENSION TOLERANCE: FRAC.± 1/64" .DEC. ±.005"
DATE: 5/27/1999	PROPRIETARY AND CONFIDENTIAL DATA THIS DRAWING AND COMMON PROPERTY OF THE STERO COMPANY. NO DISCLOSURE, REPRODUCTION OR USE OF ANY UNIT THEREOF MAY BE MADE WITHOUT WRITTEN PERMISSION OF THE STERO COMPANY.	SCALE: 1=12 PT #
DRAWN BY: LN		SHEET # 1 OF 1 DRAW. # A20–1384

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 **FENWALL** 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.

INSTALLATION INSTRUCTIONS

1. Set the 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.

   (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.

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 same must be bled.

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 (Stero-Systematic)
   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)
   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.

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 proceedure, 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. REMOVE RACKS FROM DOLLIES. Run dollies through machine to clean. *(STERO-SYSTEMATIC only.)*

2. SHUT OFF POWER TO THE MACHINE. If machine is steam heated, turn off steam supply.

3. WASH DOWN CONVEYOR TABLE AREA AND REMOVE REMAINING FOOD SOIL. *(STERO-SYSTEMATIC only.)*

4. OPEN ALL DOORS AND REMOVE WASH MANIFOLDS, SCRAP SCREENS, AND CURTAINS (If curtains are soiled.) The manifold end caps should be removed and manifolds should now be cleaned in a sink, or flushed out with a hose. It is not necessary to use a brush. All of the manifolds are alike and all are interchangeable.

5. WASH, SCRUB, AND RINSE DOWN THE INSIDE OF THE MACHINE. All refuse in bottom of tanks should be flushed down the drain valves. When tanks are clean, inspect the drain valves. Remove any foreign matter that might remain between the poppet and the seat of the valve.

6. CLEAN THE EXTERIOR OF THE MACHINE WITH A GOOD ACCEPTABLE STAINLESS STEEL CLEANER. Lemon oil may be used.

DAILY MAINTENANCE

continued

7. THE FLOOR AROUND THE BASE OF THE MACHINE AND UNDER TABLE MAY ALSO BE CLEANED TO PREVENT SOIL ACCUMULATION.

8. ALL INTERIOR COMPONENTS REMOVED FROM THE MACHINE SHOULD NOW BE REINSTALLED.

9. 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!

PREVENTATIVE MAINTENANCE

Previously, daily maintenance has been recommened. It is surprising how many future repairs will be prevented by this. Under this section, let's consider a few points.

1. ***PUMP MOTORS*** : 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.

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.

4. ***SOLENOIDS*** : The maintenance and care of these is covered in another section of this manual. By observing these simple rules, it will prevent maintenance trouble and reduce maintenance repairs to the solenoid.

5. ***RACK DOLLY WHEELS*** : The dishes are conveyed in baskets or rack dollies, and as noted, each rack dollie is equipped with four ball bearing wheels. The wheels and bearings are stainless and need no lubrication, and are kept clean by being washed every time they pass through the various sections of the machine. Some of the rack dollies are equipped with wipers. The purpose of these wipers is to keep the table section clean of refuse. These are also flushed and cleaned every time they pass through the machine and need no maintenance. *(STERO-SYSTEMATIC only.)*

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 :

A. The pump unit is held on to the pump housing by four screws. Remove same. The pump unit should now come off.

B. Remove cap screw in end of impeller 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.

C. Work the entire seal ring out with a screw driver, and clean the seal housing thoroughly.

D. Reinstall new seal in same way as the old one was removed. (*If necessary, refer to exploded view in the* ***Motor*** *section of this manual.*)

E. After seal is properly installed in the housing ;

1. ***Remount impeller on shaft.***
2. ***Clean mounting surface on pump housing and end bell.***
3. ***Remove old gasket, if damaged.***
4. ***Install new gasket.***
5. ***Remount motor and pump housing.***
6. ***Tighten all four screws evenly and securely.***

UNIT IS READY FOR USE

ELECTRICAL

This warewashing unit has been thoroughly tested under actual operating conditions with hot water, steam (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 CONNECTION to the main power supply. When connecting it to a single or three phase system, and the electrician turns on the equipment for the first time, he should check to see that the motors are running in the proper direction. If not, then he 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 need no attention.

Each service is also protected by overload devices. These are also located in the panel box as are all the contactors and relays. Whenever a problem arises with the electrical system, ***this examination should be made by a competent electrician.***

Often it is assumed that a major problem exists, and it is usually only a temporary overload, tripping the overload device.

Always refer to the wiring diagram before removing or installing, or doing any work on the electrical system.

FINAL RINSE BOOSTER

The final rinse booster supplied with the equipment is sized so as to supply adequate gallonage of ***180° to 190°*** 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 pounds*** flow pressure. If booster is steam heated it should also have adequate steam supply of at least ***5 to 50 pounds***. Water and steam lines to the booster should be sized as indicated on drawings or called for in the 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 ***Fenwall Thermoswitch*** unit. If it becomes necessary to adjust the final rinse temperature, refer to the ***Booster*** section for procedure. The tank heat in the power wash and power rinse tank is also controlled by a thermoswitch. If it becomes necessary to adjust these temperatures, please refer to the ***Booster*** section which contains the needed information as to how to correct.

SERVICE

This ***STERO*** warewashing system has been manufactured so as not only to give good warewashing results, but also is a sturdy piece of equipment, designed with the idea in mind to give trouble-free service. However, if from time to time, problems are experienced, service should be kept down to a minimum if proper installation instructions and cleaning procedures have been followed.

To insure good washing and rinsing, correct temperature, as indicated on the various ***thermometers*** located on the top of the machine, should be maintained. The temperature in the various tanks such as power wash and power rinse are maintained through ***thermostats.*** These have been set by the manufacturer under operating conditions. The same is true of the final rinse booster. If the correct water temperature supplying the booster is maintained, good results should be obtained.

A good commercial detergent of the ***non-sudsing*** type should be used, and if a recognized wetting agent is used in the final rinse, clean, dry ware will result.

CONVEYOR DRIVE

The conveyor drive system is located on the under-side of the straight section of the table.

The belt tension has been adjusted at the factory to protect the rack dollie system from being damaged in case of a jam caused by trying to wash an object too large to go through the machine, or from a rack not seated properly on the dollie.

If the belt is adjusted too tight, it may damage the system by not slipping. If it is adjusted too loose it will not drive the loaded racks through the machine.

To adjust the drive belt, should it become necessary, the conveyor motor is raised or lowered. RAISING the motor LOOSENS the belt tension. LOWERING the motor TIGHTENS it.

The proper tension of the system should be judged by the rack dollie system as pressure is applied against the line of travel on one of the dollies so that it stops moving by a strong backwards pull against the line of travel. This can be done by holding back on one of the rack dollies.

THE SYSTEM IS NOW READY TO OPERATE

Should a jam occur within the unit, shut off conveyor immediately!

NEVER try to pry object loose with a crow-bar or any other such tool. If the object cannot be removed by hand, loosen the conveyor motor drive belt enough to enable pulling the rack dollies backwards by hand. REMOVE OBJECT BY HAND.

Inspect machine for damage. If no damage has occured re-adjust the belt until the proper tension as described above is obtained.

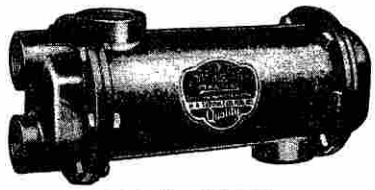
HEAT EXCHANGERS

FOR BOOSTING TEMPERATURE OF RINSE WATER

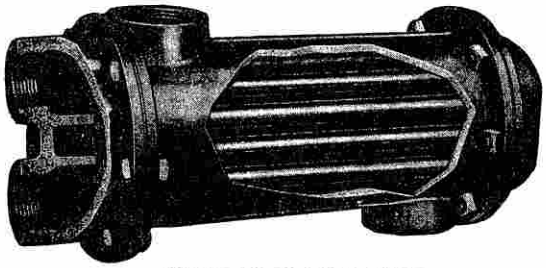
IN DISHWASHING MACHINES

EFFICIENT AND LASTING SERVICE

These are efficient heat exchangers and have a number of uses on many different types of applications. One of the more common uses is the application to automatic dish and glass washing machines.
Heaters are constructed of heavy cast iron shells and headers, with straight copper tubes for fast heat transfer. The liquid being heated passes back and forth 4 times through straight copper tubes resulting in low pressure drop and quick heating. These Heaters are suitable for up to 150 lb. water pressure in tubes, headers or shell, and a maximum of 50 lb. steam pressure in shell. If steam pressure is over 50 lbs. it should be reduced with a steam reducing valve.



Pat. No. 2180620



STRAIGHT COPPER TUBES

REMOVABLE HEADERS • EASY TO CLEAN

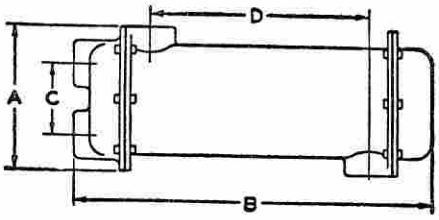
At left is shown a cut-away view of header and shell. Removable headers makes visual inspection possible and cleaning easy, if ever necessary. No acids are needed if tubes require cleaning. Special steel wire cleaning brushes are available at nominal cost. Inlet and outlet at opposite ends of shell assure uniform steam distribution. Note webbing of headers which creates 4 way water travel through straight tubes.

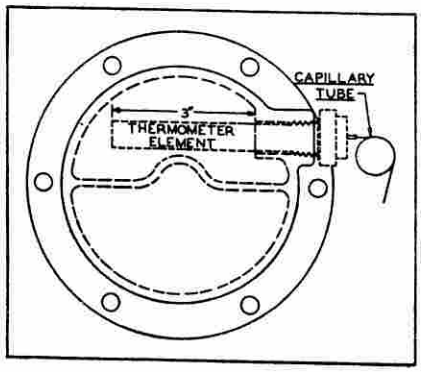
HORIZONTAL DESIGN SAVES SPACE

A very important feature of Heat Exchangers is horizontal design. Where the heater is to be incorporated in the structure of the dishwasher, space may be at a premium. Overall length is also important. Check the A and B dimensions in the specification table at right with the dimensional drawing below.

SPECIFICATIONS — THRUSH WATER HEATERS

Heater No.	Shipping Weight Pounds	Pipe Connections		Dimensions			
		Boiler, Inches	Tank, Inches	A Width and Height, Inches	B Length, Inches	C Center to Center Tank Conns., Inches	D Center to Center Boiler Conns., Inches
150	51	2	1½	7 7/16	21 9/16	4⅜	13¾

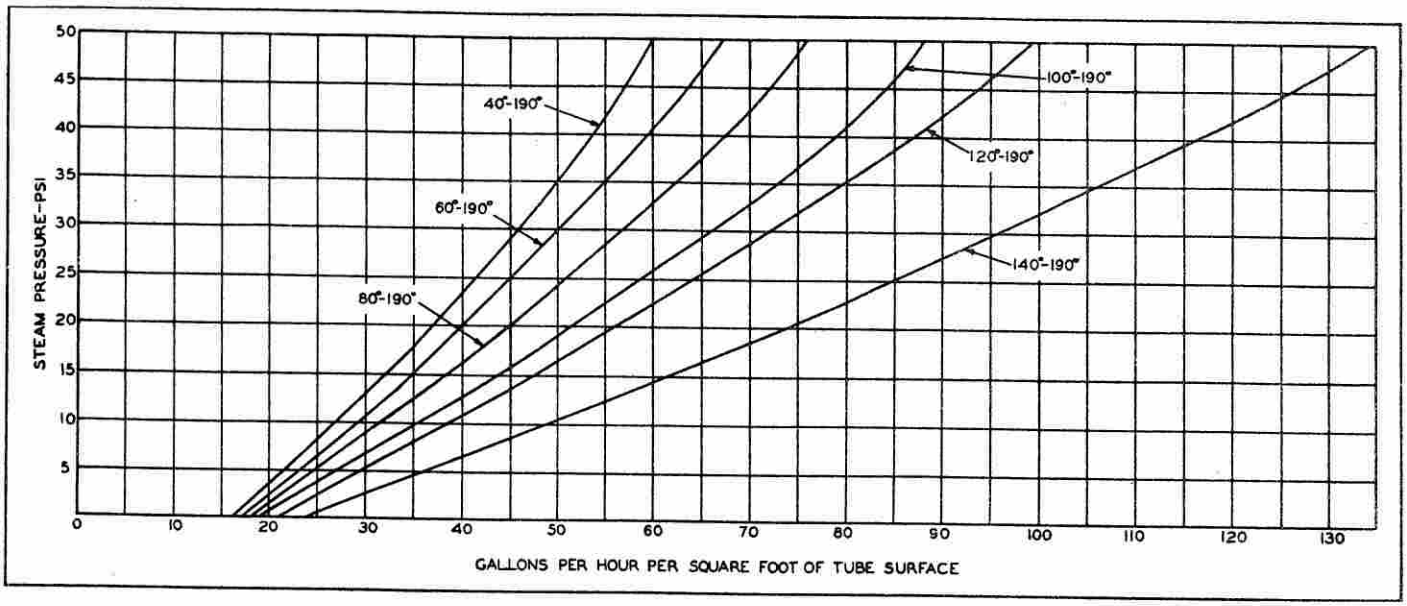




FOR TECHNICAL DATA SEE OTHER SIDE

CAPACITY FACTORS OF WATER HEATERS

AT VARIOUS STEAM PRESSURES AND VARIOUS INITIAL WATER TEMPERATURES



SQUARE FEET TUBE SURFACE

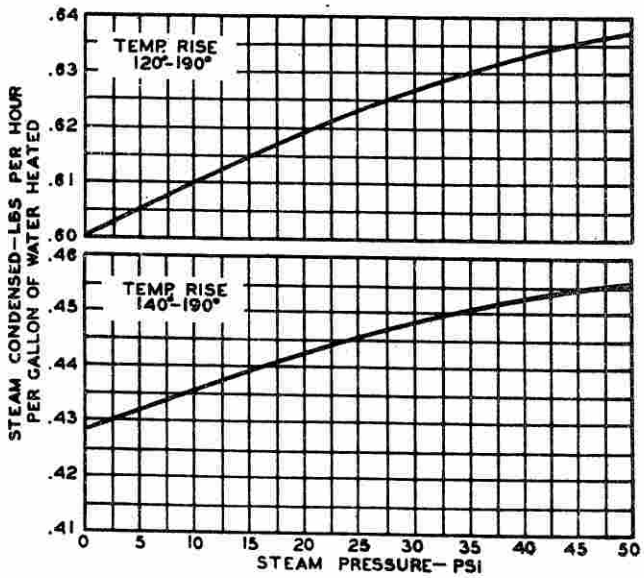
THRUSH WATER HEATERS

No.	Sq.Ft.	No.	Sq.Ft.
72	2.50	180	6.25
86	3.01	240	8.35
96	3.34	300	10.40
120	4.18	360	12.50
150	5.20	420	14.60

HOW TO SELECT THE PROPER HEATER

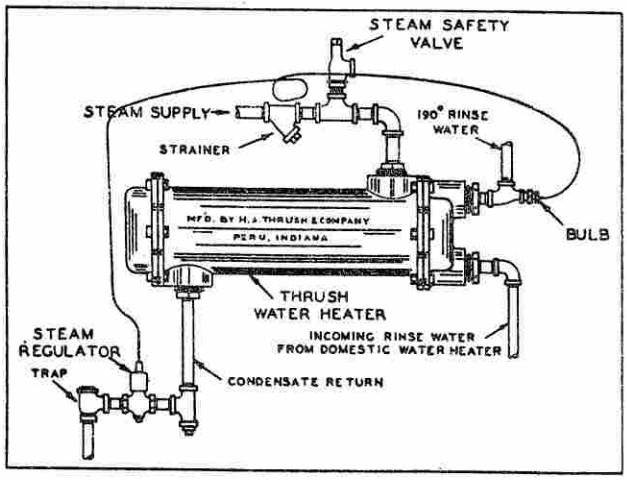
An instantaneous heater should be sized to deliver the correct number of gallons of water per hour on a continuous draw basis regardless of length of rinse period or number of cycles per hour. Example: Rinse cycle is 1 minute every other 2 minutes at 5 GPM, 140°—190° rise with steam pressure at 10 psi. Heater should be sized on basis of 300 GPH draw rather than actual draw of 100 GPH. Referring to chart above (140°—190°) it is found that 50 gallons of water per hour is delivered per sq. ft tube surface with steam at 10 psi. Therefore a Heater with at least 6 sq. ft. of tub surface is required. Referring to table at left, the No. 180 Thrush Water Heater, having 6.25 sq. ft. of tube surface, should be specified in this instance.

STEAM CONSUMPTION CHARTS



Steam consumption must be known to size steam supply to heater. Charts above show pounds of steam required per hour, per gallon of water heated at two different incoming water temperatures and various steam pressures. Example: 300 GPH 140°—190° with steam at 10 lbs. will condense .435 lbs. of steam per hour per gallon of water heated × 300 = 130.5 lbs of steam required.

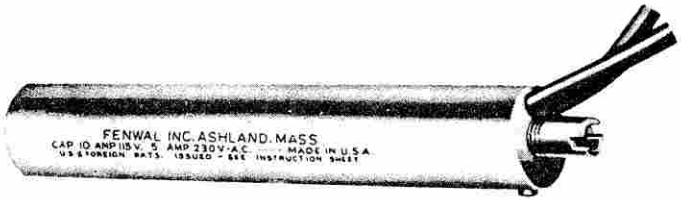
TYPICAL INSTALLATION

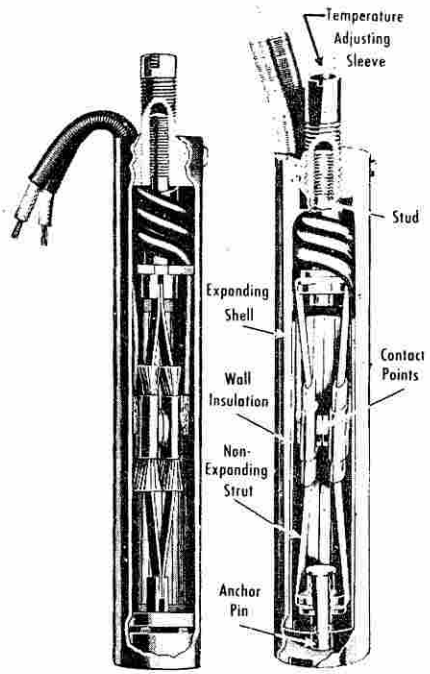


Installation detail above is typical. Several different methods of control are used depending upon machine characteristics.

Note compactness of installation and minimum number of fittings required.

INSTRUCTIONS FOR FENWAL DIFFERENTIAL EXPANSION THERMOSWITCH UNITS





Compression Type shown to left; Tension to right.
EITHER AVAILABLE WITH CONTACT ACTIONS SHOWN.

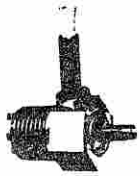
PRINCIPLE OF OPERATION:

The Thermoswitch Control is constructed with two silver contacts mounted on, but electrically insulated from, curved struts of low expansion coefficient. This assembly is mounted under tension or compression in a seamless drawn brass or stainless steel tube. Changes in temperature cause the shell to expand or contract, which exerts more or less tension or compression on the struts, causing the contacts to make or break.

BASIC TYPES

The shell of the Thermoswitch Control contains information regarding electrical rating, temperature range, and contact action. Should the shell of the unit be inserted, immersed, or otherwise obscured in such a manner as to make reference to this information impossible, general operating characteristics may be quickly determined if the catalogue number of the device is known. If the 5th digit of the catalog number is even (or zero), the contacts close on decreasing temperatures. If the 5th digit of the catalog number is odd, the contacts close on increasing temperatures. Reference to the fourth digit will quickly determine whether the unit is tension or compression operated. Should this digit be "2" or "7", the unit is compression operated, should it be other than "2" or "7", the unit is tension operated. Tension operated units may be subjected to momentary temperature exposure of 100° F above their set point. They also may be subjected to any temperature below their set point without danger. Tension operated Fenwal Thermoswitch units may be set below 0° F but compression operated units are recommended if rapid temperature changes in excess of 100° F or extreme temperature overshoots are to be encountered. Fenwal compression operated units may be exposed to a temperature of 100° F indefinitely, and to temperatures 400° F above their set temperatures for short periods of time. The limits of exposure being subject to many application variations. When in doubt, the factory should be consulted.

THE HEX HEAD OR THREADED TYPE can be installed like any pipe fitting. Avoid applying undue torque to the unit. Torque in excess of 35 foot pounds for the standard size (⅝" diam. shell) or 70 foot pounds for the heavy duty (13/16" diam. shell) will offset the control calibration.
If threaded units are installed in a pipe tee, the tee should be large enough to allow adequate circulation of the fluid around the temperature sensitive section of the unit.



HEX HEAD OR THREADED TYPE

DON'TS

Do not handle the unit with pliers or force it into position either by hand or with tools, or apply excessive torque in tightening threaded units.
Do not subject unit to deformation of the shell.
Do not thermally shield unit from medium it is to control.

TESTING & ADJUSTING

The arrow on the head of THERMOSWITCH units indicates direction in which adjusting screw should be turned to increase the temperature setting.

Each full turn of the adjusting screw will change the temperature the approximate number of degrees indicated by the table

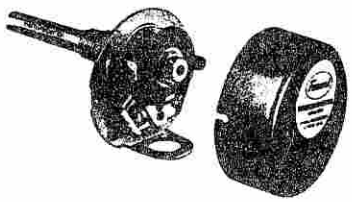
After the THERMOSWITCH unit has been installed, final adjustment can be made by allowing the unit to operate for several cycles to permit the controlled system to stabilize and then adjust to desired temperatures. The system should then be cooled to ambient temperature, reheated and stabilized to check the setting.

Where extremely accurate temperature control is desired, several readjustments may be necessary to stabilize the THERMOSWITCH Control after which the adjustment will be maintained.

CAUTION

DO NOT turn the adjusting screw in any further than is necessary for operation. Do not remove adjusting screw from unit as this voids the Standard Guarantee. Incorrect replacement or over adjustment will permanently damage the element assembly. See diagrams on back page for effect of mechanical overadjustment or severe thermal overshoot.

JUNCTION BOX TYPES



IMMERSION JUNCTION BOX THERMOSWITCH has a clamp plate under the dial that permits the conduit outlet to be placed in any desired position after the pipe connection is firmly secured in place.
Remove cover by loosening the two side screws. Turn dial to stop pin. Loosen the two set screws in the knob and remove knob. Remove screws from support bracket to remove dial assembly. Then loosen the screws on the clamp plate and rotate the conduit box to the desired position. To replace assembly re-tighten screws and replace parts in reverse order from which they were removed.

DO NOT TURN THE ADJUSTING SCREW WHILE THE KNOB IS LOOSE OR REMOVED FROM ADJUSTING SCREW.

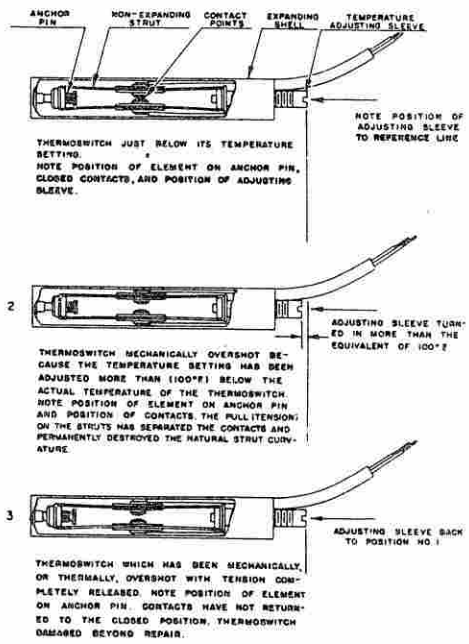
AIR JUNCTION BOX THERMOSWITCH UNITS can be directly mounted in position to provide conduit outlet access. Dial adjustments are the same as above.

CURRENT RATINGS are stamped on the shell of the THERMOSWITCH unit.

CONTACT PROTECTION

Capacitors are not required under average conditions. For smoother control at small loads, or to prevent contact bounce due to vibration use: MFD = .28 ÷ line voltage to arrive at the value of the capacitor to be used.
For exceptional vibration, increase above value 5 - 10 times.
When used, wire capacitors in parallel with the switch.

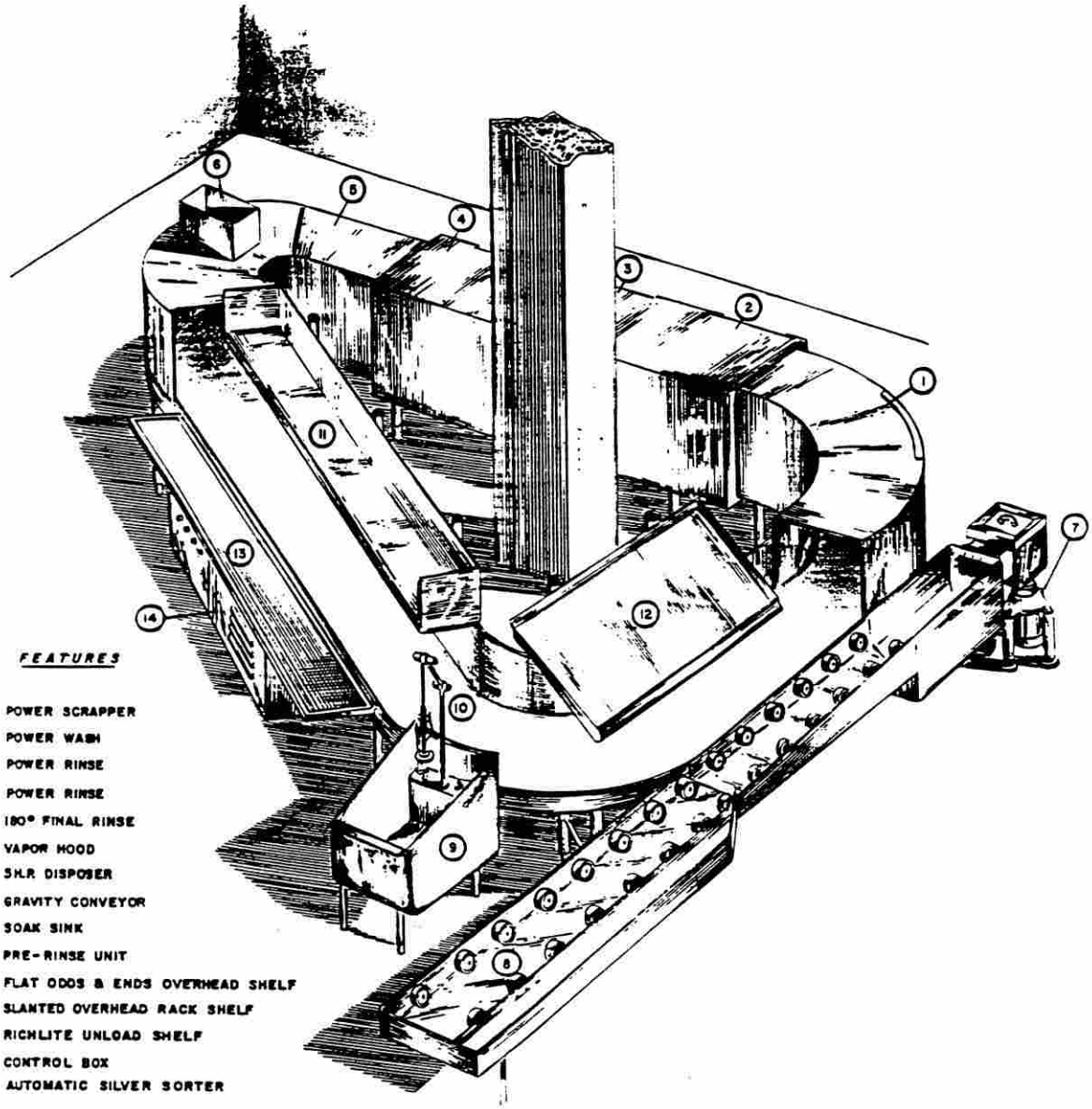
EFFECT OF MECHANICAL OVERADJUSTMENT OR SEVERE THERMAL OVERSHOOT ON TENSION OPERATED THERMOSWITCH UNITS.



ADJUSTMENT RATES
Tension Operated* THERMOSWITCH UNITS

Thermoswitch Catalog Number	Approximate Degree F. Change Per Full Turn Of Adj. Screw
17000	90
17001	90
17002	110
17003	110
18000	80
18001	80
18002	100
18003	100
13150	200
13121-1	1000
15050	125
15051	125
16050	125
16051	125

STERO SYSTEMATIC CAROUSEL MACHINE TABLE OF CONTENTS



SYSTEMATIC MACHINES
TABLE OF CONTENTS

SYSTEMATIC MACHINES
TABLE OF CONTENTS

(Cont.)

STRUCTURAL COMPONENTS

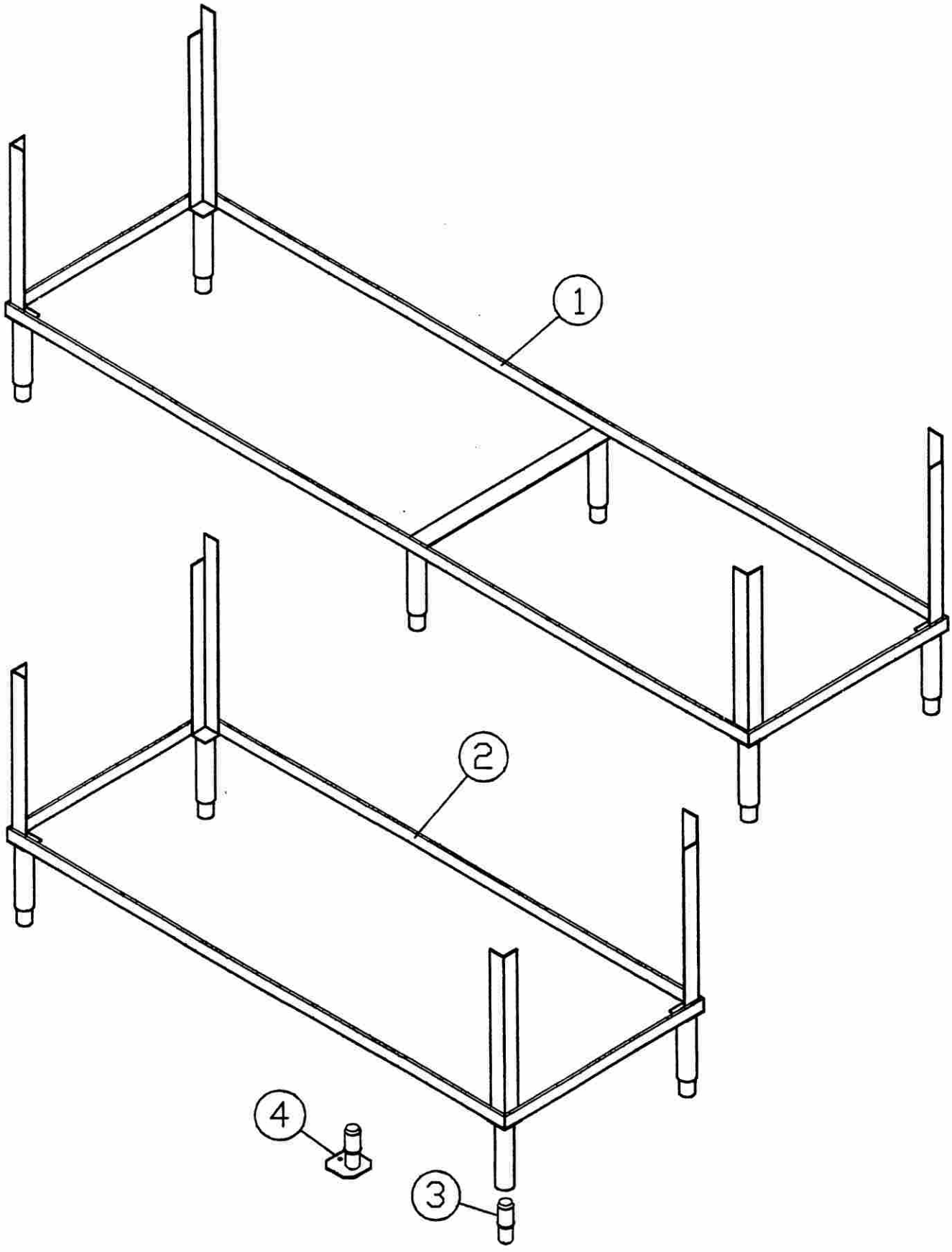
FRAMES

TANKS

HOODS

CURTAINS

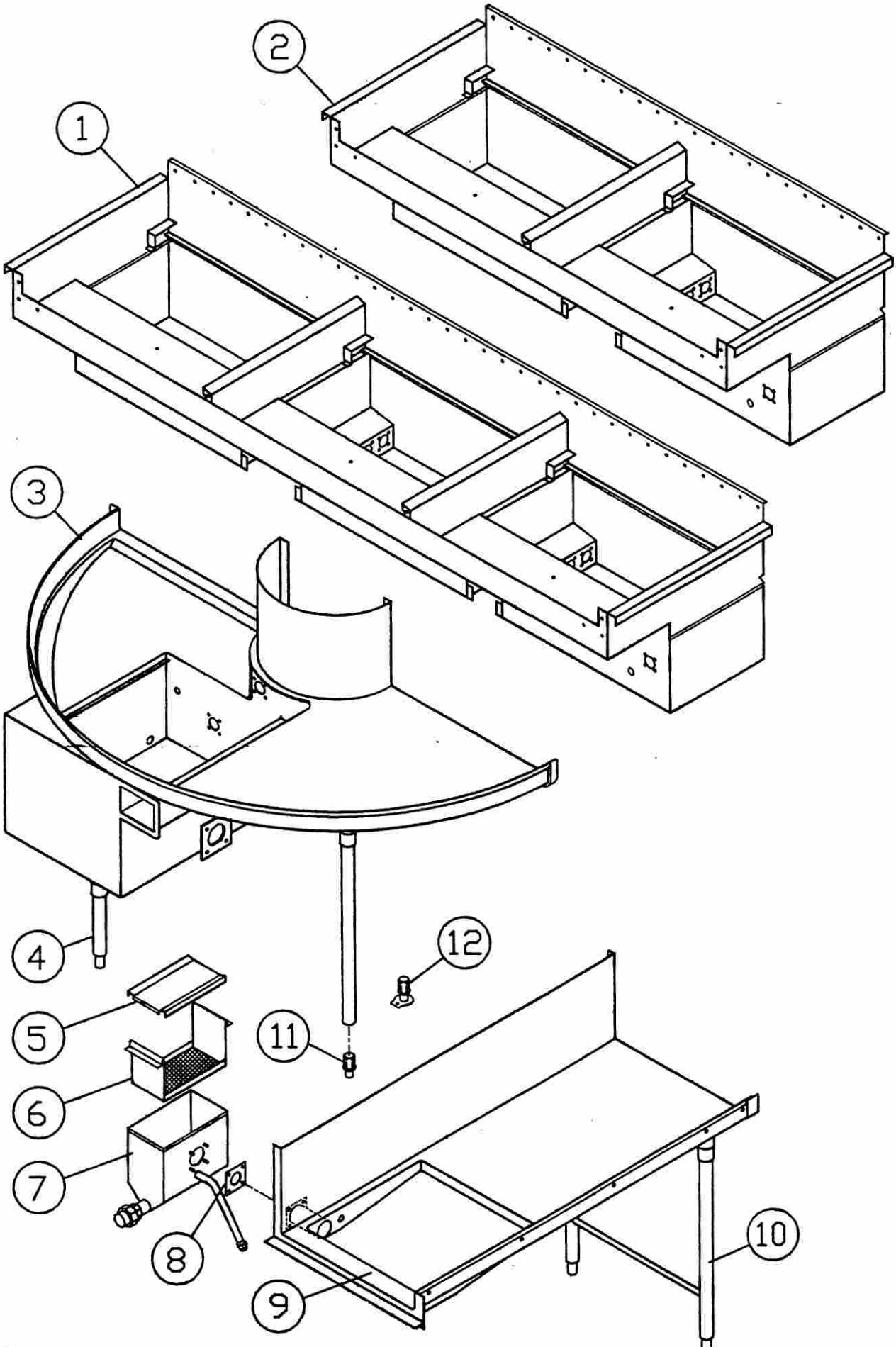
STRAINER PANS/BASKET


1
2
3
4

TYPICAL FRAMES

ITEM	DESCRIPTION	REMARKS	PART NO.
1	SCT-120SM FRAME, MAIN SECTION	*	C10-2879
	SCT-150SM FRAME, MAIN SECTION	NOT SHOWN	*
2	SCT-94SM FRAME, MAIN SECTION	*	B10-2876
	SCT-76SM FRAME, MAIN SECTION	NOT SHOWN	*
3	BULLET FOOT, MAIN SECTION ONLY		P60-1279
4	SEISMIC LEG RESTRAINT, MAIN SECTION ONLY		B10-2008

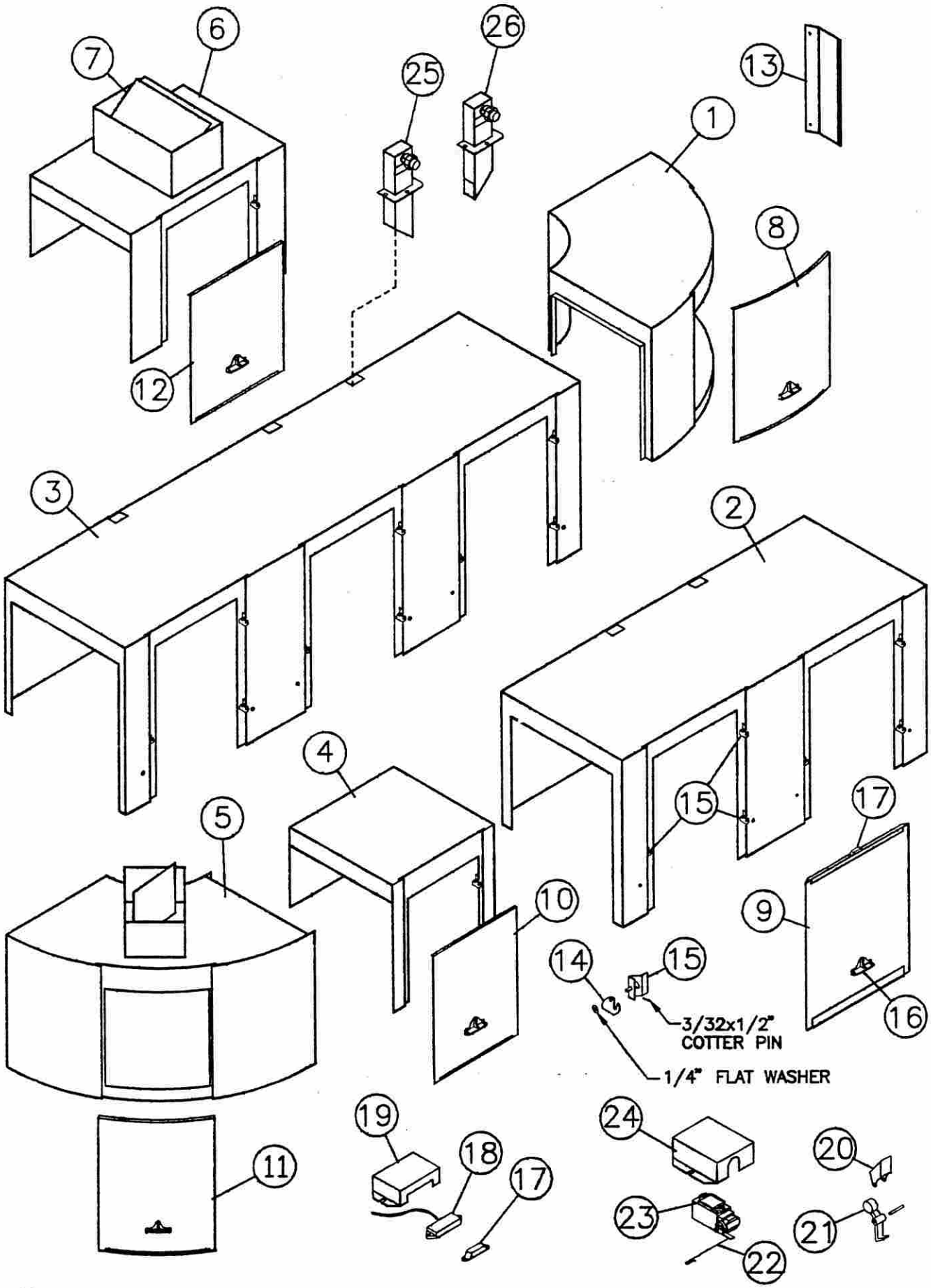
* TO ORDER SUPPLY MACHINE MODEL AND SERIAL NUMBER


1
2
3
4
5
6
7
8
9
10
11
12

TYPICAL TANKS

ITEM	DESCRIPTION	REMARKS	PART NO.
1	SCT-120SM TANK, MAIN SECTION		*
1A	SCT-150SM TANK, MAIN SECTION	NOT SHOWN	*
2	SCT-94SM TANK, MAIN SECTION		B10-2833
2A	SCT-76SM TANK, MAIN SECTION	NOT SHOWN	*
3	SCRAPPER TANK, 90° TABLE RADIUS	*	B10-2851
4	SCRAPPER SUMP LEG		A10-2850
5	RINSE SAVER COVER		A10-3413
6	STRAINER BASKET		A10-2891
7	FINAL RINSE SAVER CATCHMENT		B10-3407
8	FLANGE GASKET, RINSE OVERFLOW		
9	FINAL RINSE SUMP TABLE SECTION	*	B10-2823
9B	CURVED FINAL RINSE SUMP, TABLE RADIUS *	NOT SHOWN	C10-1065
10	LOW STANDARD LEG ASSY.		A10-2822
11	BULLET FOOT, TABLE SECTIONS ONLY		P60-1101
12	SEISMIC LEG RESTRAINT, TABLE SECTIONS ONLY		B10-2008

* TO ORDER SUPPLY MACHINE MODEL AND SERIAL NUMBER


6
7
26
25
13
1
8
12
3
2
4
5
15
17
10
9
14
15
3/32x1/2"
COTTER PIN
1/4" FLAT WASHER
16
19
18
17
24
20
23
21
22
11

OLD STYLES

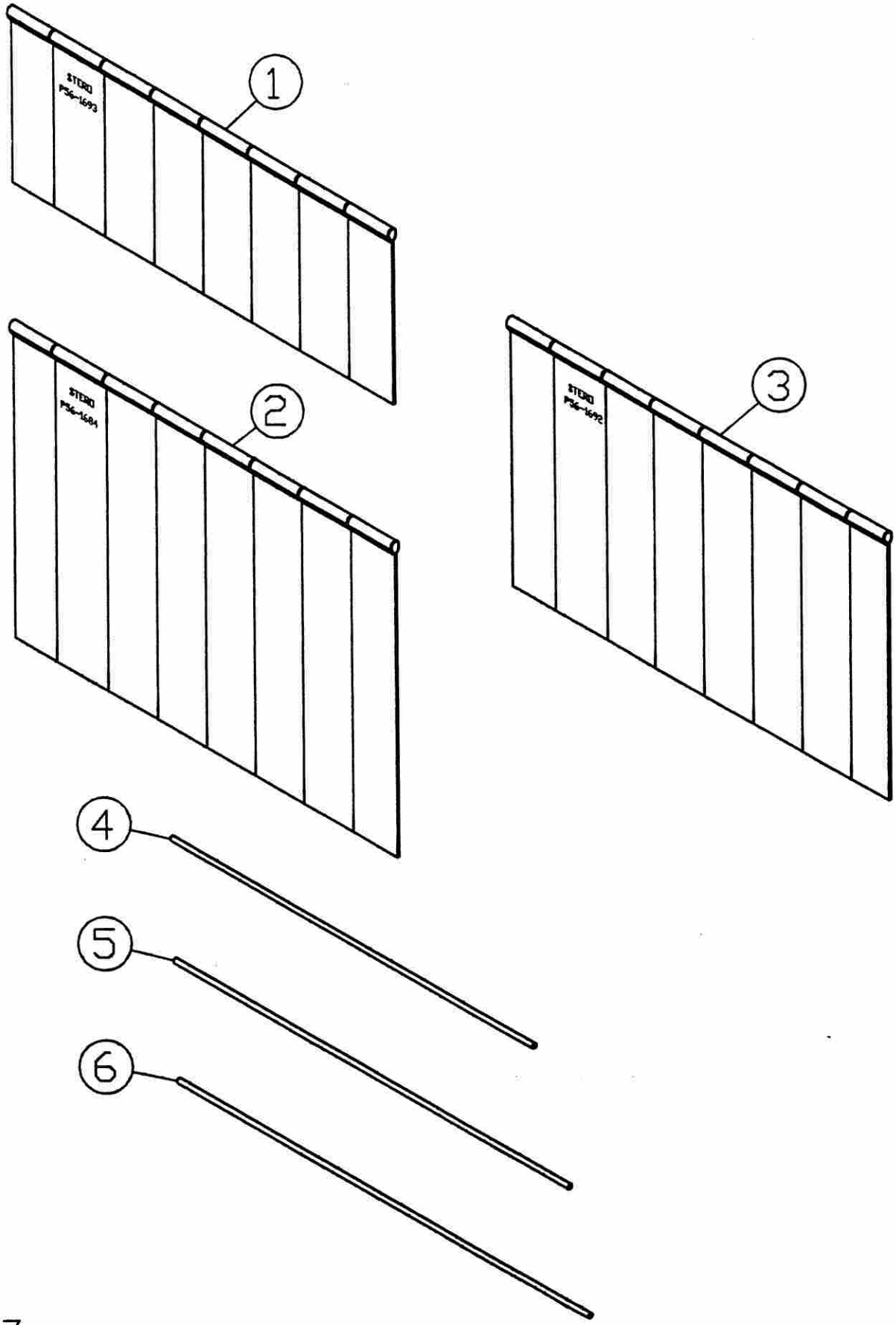
HOOD TYPES

ITEM	DESCRIPTION	REMARKS	PART NO.
1	90° CURVED SCRAPPER HOOD	*	B10-2854
2	94SM HOOD, 2 DOOR		*
	76SM HOOD, 1 DOOR	NOT SHOWN	*
3	120SM HOOD, 3 DOOR		*
	150SM HOOD, 4 DOOR	NOT SHOWN	*
4	24" FINAL RINSE HOOD	*	B10-2824
5	90° CURVED DRYING HOOD	*	B10-3401
	90° CURVED FINAL RINSE W/OUT VENT	*	B10-2825
6	36" DRYING HOOD, OR SPECIFIED LENGTH	*	B10-2828
7	VENT	*	B10-2829
8	CURVED SCRAPPER INSPECTION DOOR	*	A10-2855
9	MAIN SECTION INSPECTION DOOR	*	A10-2835
10	FINAL RINSE INSPECTION DOOR	*	A10-2826
11	CURVED DRYING HOOD INSPECTION DOOR	*	A10-2827
12	DRYING HOOD INSPECTION DOOR	*	A10-3429
13	RACK GUIDE/SPLASH GUARD	*	A10-2857
14	DOOR SAFETY CATCH		A10-1578
15	DOOR CATCH BRACKET		A10-1759
16	DOOR HANDLE		B10-1448
17	DOOR MAGNET		A10-4275
18	REED SWITCH ASSEMBLY		B10-4274
19	REED SWITCH COVER		A10-3968
20	DOOR HOOK BRACKET	**	A10-1758
21	UPPER DOOR CATCH	**	A10-1579
22	DOOR LEVER SAFETY SWITCH	***	A10-2133
23	DOOR SAFETY SWITCH, MECHANICAL TYPE	***	A10-2134
24	DOOR SAFETY SWITCH COVER	***	B10-2139
25	WATER TOWER, LEFT HAND	*	B10-2693
26	WATER TOWER, RIGHT HAND	*	B10-2678

** REPLACED BY ITEMS 8 & 9

*** OLD STYLE

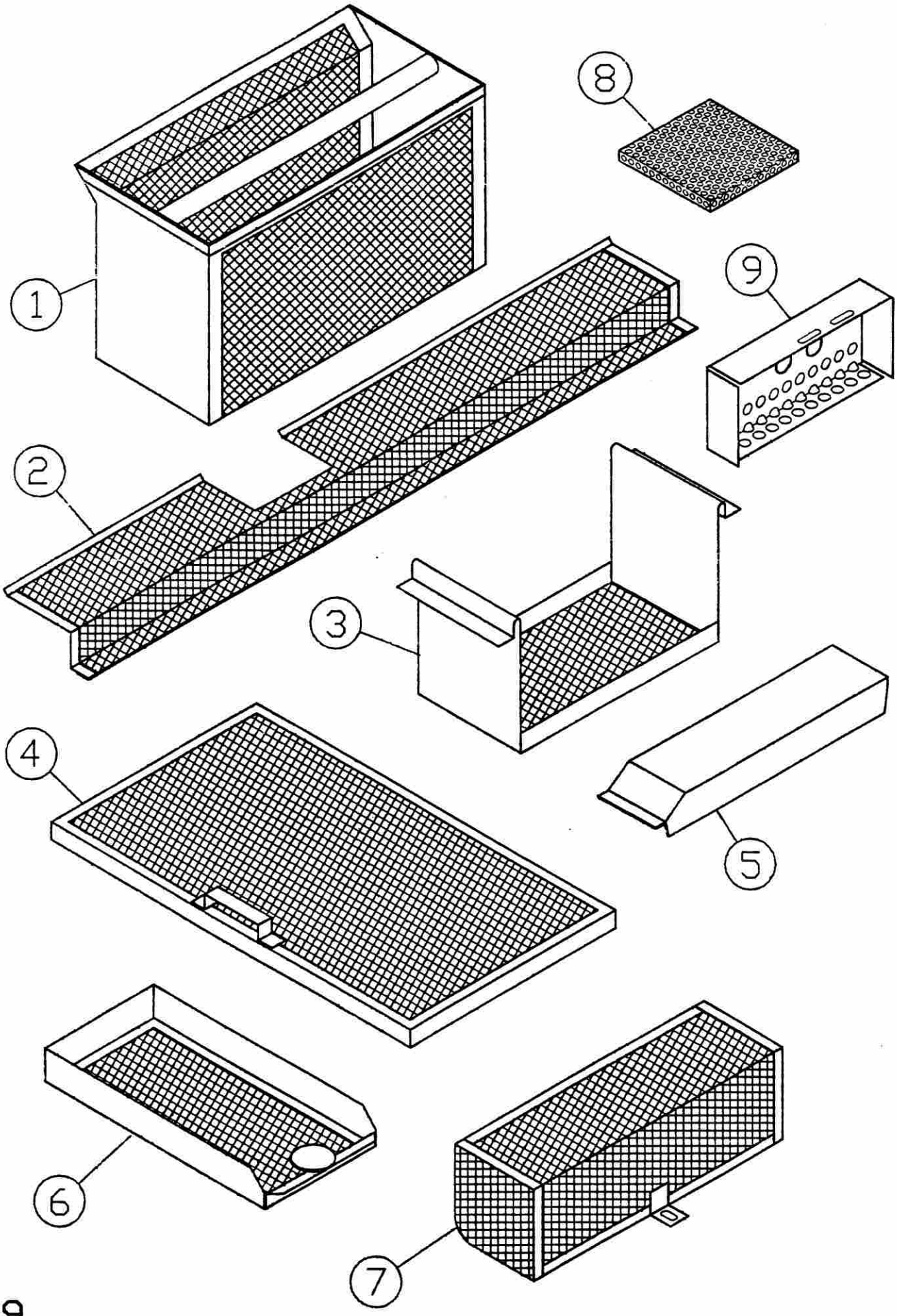
* TO ORDER SUPPLY MACHINE MODEL AND SERIAL NUMBER


1
2
3
4
5
6

CURTAINS & RODS

ITEM	DESCRIPTION	REMARKS	PART NO.
1	CURTAIN, SHORT 24-1/2 x 9-3/4" "T"		P56-1693
2	CURTAIN, LONG 22-5/8x17" "C"		P56-1684
3	CURTAIN, LONG 24-1/2 x 18" "S"		P56-1692
4	ROD, WASH TANK 27-1/8" x 5/16" DIA		A10-2886
5	ROD, RINSE TANK 26-3/4" x 5/16" DIA		A10-2887
6	ROD, SCRAPPER TANK 23-1/2" x 5/16" DIA		A10-2888

* TO ORDER SUPPLY MACHINE MODEL AND SERIAL NUMBER


1
2
3
4
5
6
7
8
9

STRAINER PANS / BASKET

ITEM	DESCRIPTION	REMARKS	PART NO.
1	SCRAPPER BASKET		*
2	BACK SUPPORT STRAINER PAN		B10-2912
3	FINAL RINSE SAVER STRAINER		B10-2891
4	PRE SCRAPPER STRAINER PAN		B10-2914
5	SPACER **		B10-2913
6	SCRAP CATCHMENT STRAINER PAN		A10-2088
7	SCRAP TANK PUMP INTAKE SCREEN		B10-2892
8	DRAIN SCREEN		A10-2893
9	INTAKE SCREEN, #368 PUMP		B10-1504
	** SIZES WILL VARY ACCORDING TO SPACE NEEDED		

* TO ORDER SUPPLY MACHINE MODEL AND SERIAL NUMBER

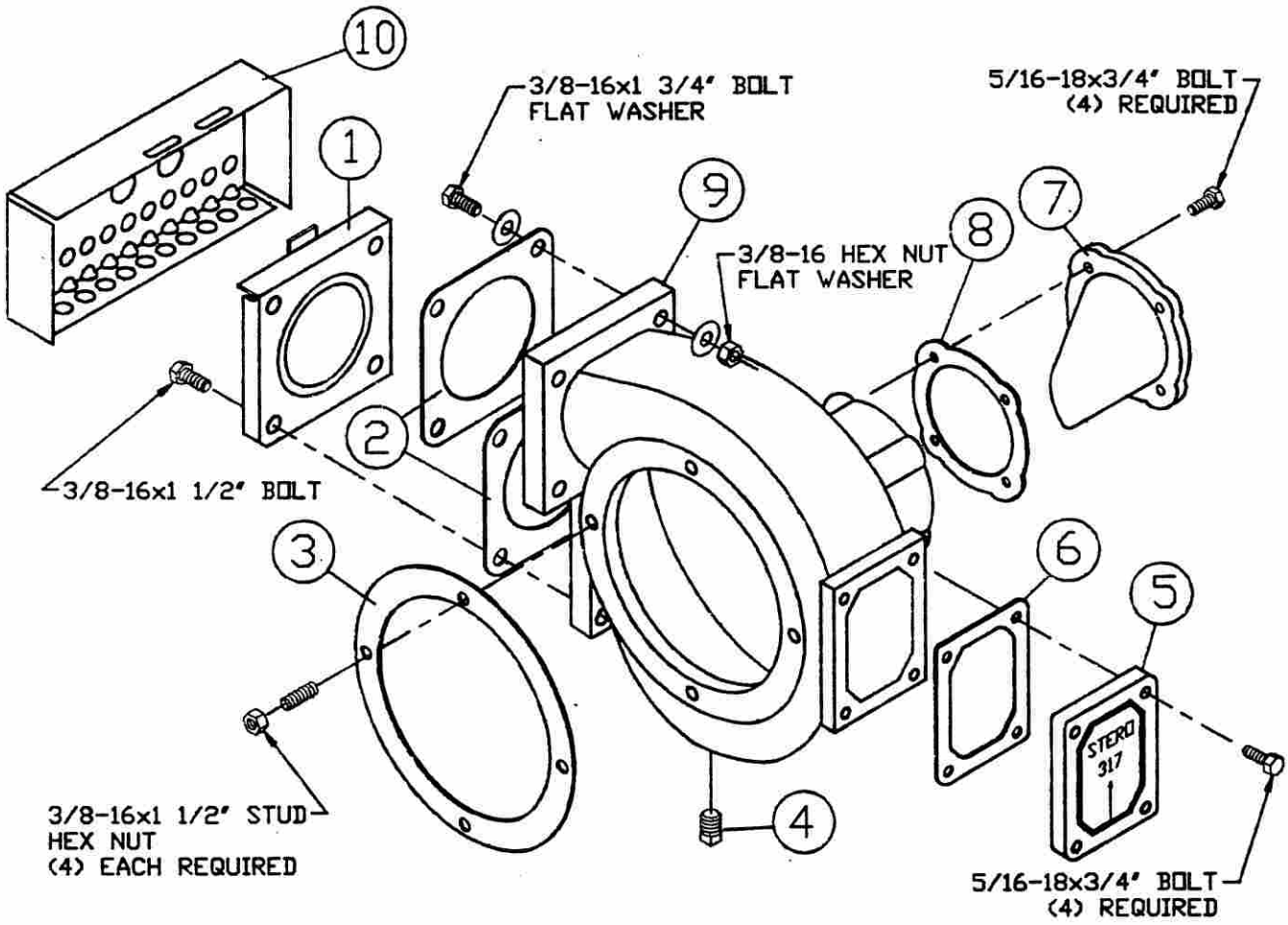
PUMPING SYSTEM

2HP PUMP ASSY. #368

2HP PUMP ASSY. #321

1/4HP LOW TEMP. PUMP & MOTOR ASSY.

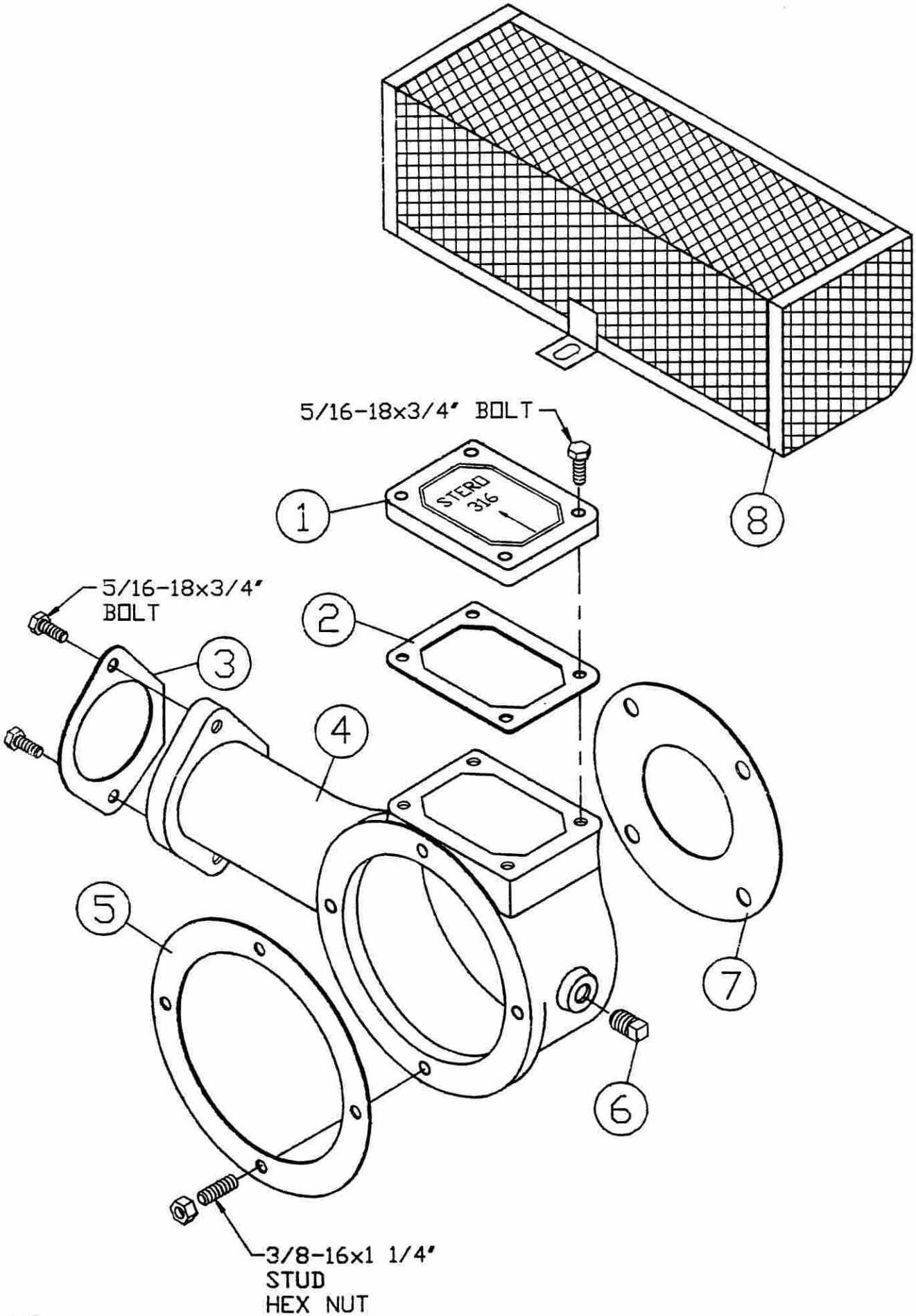
MOTOR ASSY.


10
1
3/8-16x1 3/4" BOLT
FLAT WASHER
5/16-18x3/4" BOLT
(4) REQUIRED
9
8
7
3/8-16 HEX NUT
FLAT WASHER
2
3/8-16x1 1/2" BOLT
3
6
5
STERO
317
3/8-16x1 1/2" STUD
HEX NUT
(4) EACH REQUIRED
4
5/16-18x3/4" BOLT
(4) REQUIRED

2 HP 368 PUMP ASSEMBLY

ITEM	DESCRIPTION	REMARKS	PART NO.
1	FLANGE, PUMP SUCTION		B10-1861
2	GASKET, PUMP TO TANK "N"		B57-1757
3	GASKET, MOTOR TO PUMP "Z"		B57-1756
4	PIPE PLUG 1/4"		P68-1605
5	COVER, INSPECTION #317		A10-1753
6	GASKET, INSPECTION COVER "G"		A57-1754
7	COVER, ROUND INSPECTION #371		A10-1300
8	GASKET, ROUND INSPECTION COVER "Z1"		A57-1755
9	PUMP, HOUSING 368		C10-1089
10	SCREEN, PUMP INTAKE		B10-1504
	COMPLETE PUMP ASSEMBLY		B10-1752

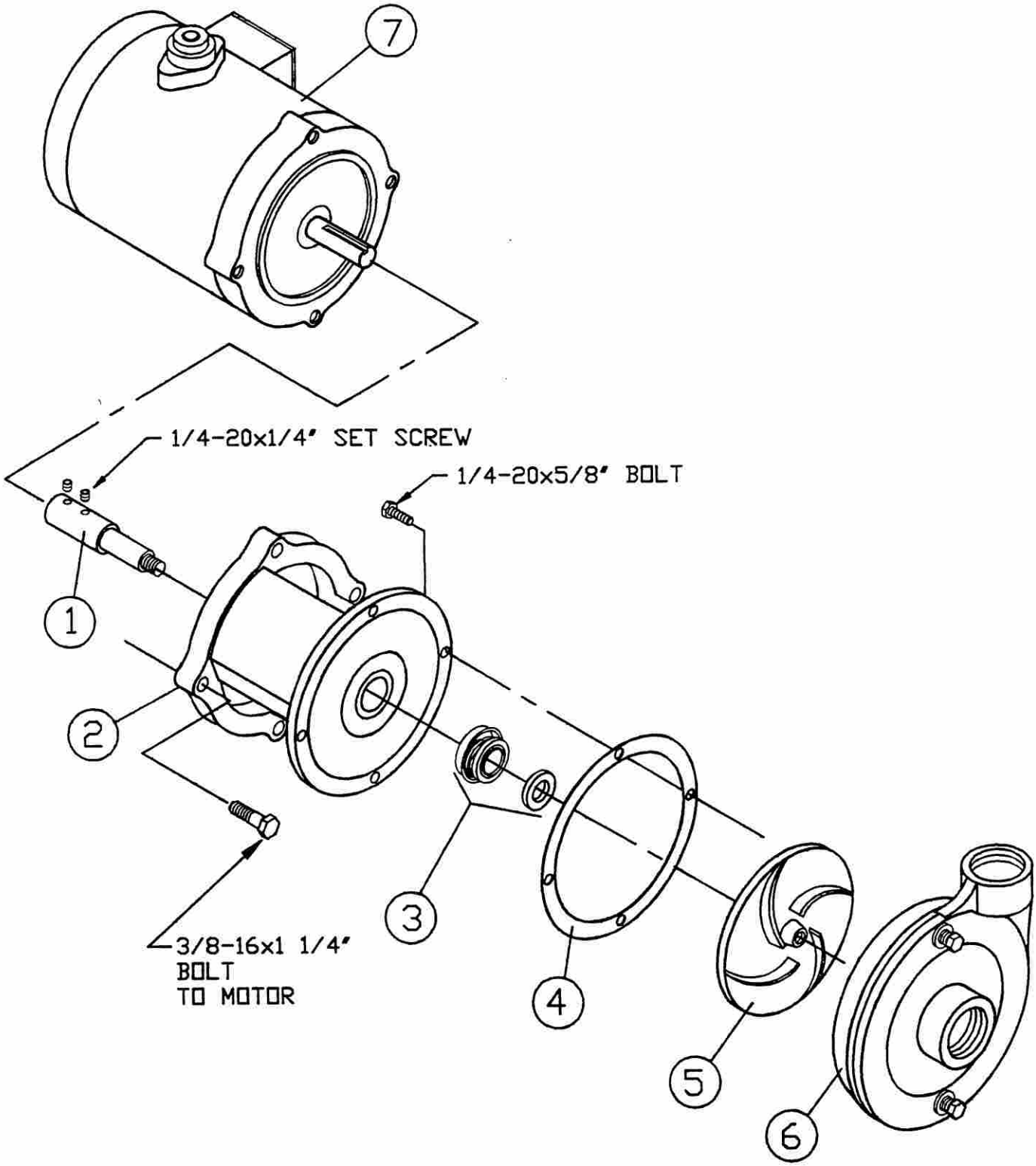
* TO ORDER SUPPLY MACHINE MODEL AND SERIAL NUMBER


5/16-18x3/4" BOLT
STERO
316
1
8
5/16-18x3/4"
BOLT
2
3
4
5
6
7
3/8-16x1 1/4"
STUD
HEX NUT

2 HP 321 PUMP ASSEMBLY

ITEM	DESCRIPTION	REMARKS	PART NO.
1	COVER, INSPECTION #316		A10-2441
2	GASKET, INSPECTION COVER "G"		A57-1754
3	GASKET, DISCHARGE 321 PUMP "T"		B57-2444
4	HOUSING, PUMP #321		C10-2440
5	GASKET, MOTOR TO PUMP "L"		B57-2443
6	PIPE PLUG 1/4"		P68-1605
7	GASKET, SUCTION "S"		B57-2442
8	STRAINER, INTAKE SCREEN, SCRAPPER TANK		B10-2892
	COMPLETE ASSEMBLY ITEMS: 1,2,&4		B10-2479

* TO ORDER SUPPLY MACHINE MODEL AND SERIAL NUMBER

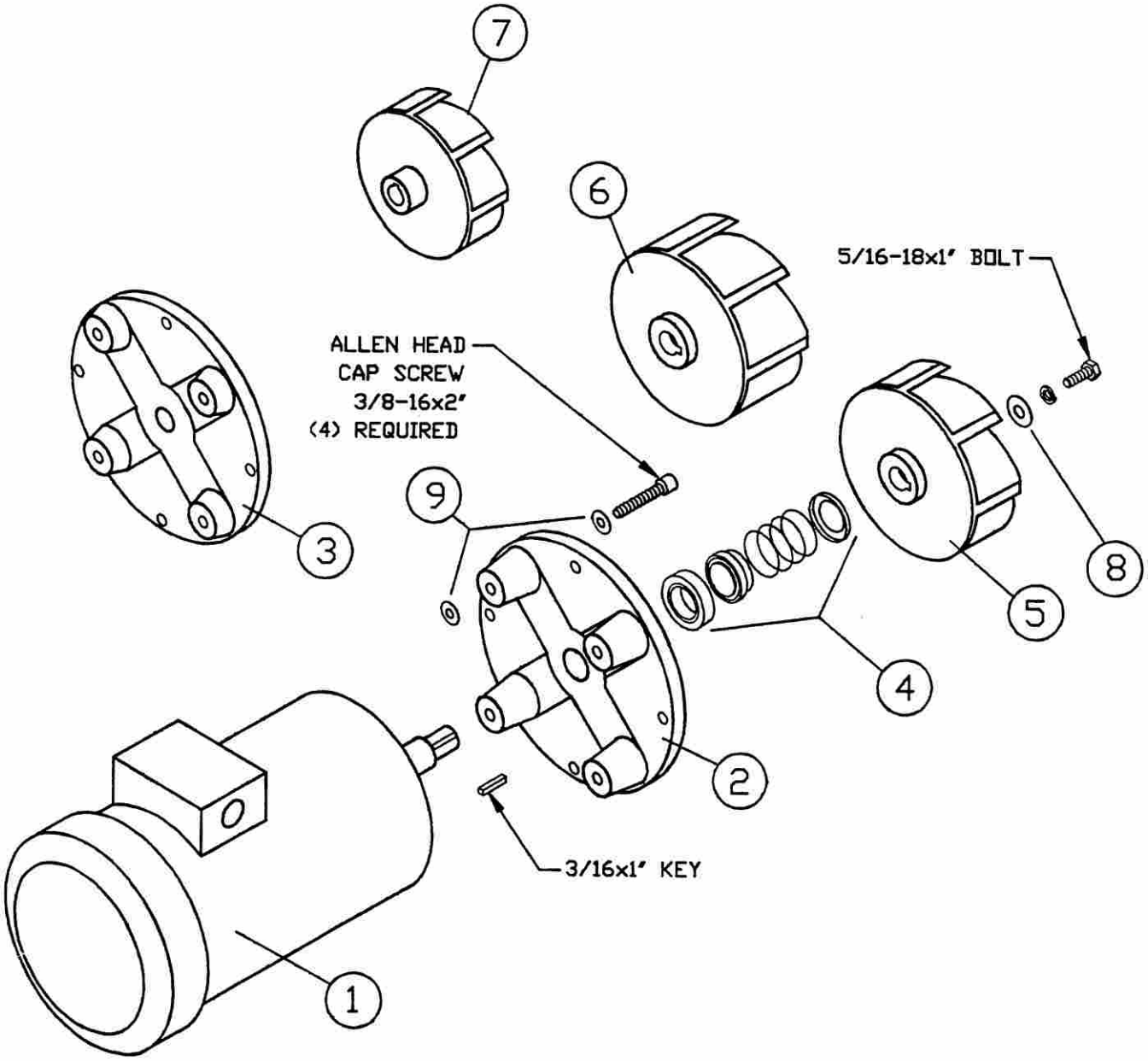

7
1/4-20x1/4" SET SCREW
1/4-20x5/8" BOLT
1
2
3/8-16x1 1/4"
BOLT
TO MOTOR
3
4
5
6

1/4 HP LOW TEMP. PUMP & MOTOR ASSY.

ITEM	DESCRIPTION	REMARKS	PART NO.
1	COUPLING, PUMP TO MOTOR		P41-1029
2	PUMP ADAPTOR		*
3	SEAL, 5/8" PRICE PUMP		P57-1030
4	GASKET, ADAPTOR TO HOUSING "2801"		B57-1334
5	IMPELLER, 4 15/16" 1/4 HP		A41-1295
	IMPELLER, 3 7/8" 1/3 HP		A41-1294
	IMPELLER, 4 3/8" 3/4 HP		A41-1296
6	PUMP HOUSING		*
7	MOTOR, 1/4 HP 208-230/460 VOLT 3 PHASE		P41-2218
	MOTOR, 1/4 HP 115-230 VOLT 1 PHASE		P41-1330
	MOTOR, 1/3 HP 115-230 VOLT 1 PHASE		P41-1056
	MOTOR, 3/4 HP 115-230 VOLT 1 PHASE		P41-2223
	PUMP COMPLETE 1/4 HP		P41-1028
	PUMP COMPLETE 1/3 HP		P41-1026
	PUMP COMPLETE 3/4 HP		P41-1027

* SOLD ONLY AS COMPLETE UNIT

* TO ORDER SUPPLY MACHINE MODEL AND SERIAL NUMBER


7
6
5/16-18x1" BOLT
ALLEN HEAD
CAP SCREW
3/8-16x2"
(4) REQUIRED
9
3
8
5
4
2
3/16x1" KEY
1

MOTOR ASSEMBLY

ITEM	DESCRIPTION	REMARKS	PART NO.
1	MOTOR, 2 HP 208–230/460 3 PHASE		P41–1341
	MOTOR, 1–1/2 HP 115/230 1–PHASE		P41–1711
	MOTOR, 1 HP 208–230/460 3 PHASE		P41–2220
	MOTOR, 1 HP 115/230 1 PHASE		P41–1707
2	ADAPTOR, END BELL #499		C10–1052
	ADAPTOR, END BELL #498A		C10–2173
3	ADAPTOR, END BELL #498B		C10–2175
4	SEAL, SHAFT 1"		P57–1697
	SEAL, SHAFT 3/4"		P57–1696
5	IMPELLER, 2 HP #375		B10–1377
6	IMPELLER, 1–1/2 HP #311		B10–2011
7	IMPELLER, 1 HP #307		B10–1633
8	WASHER, SPECIAL		A10–2014
9	WASHER, S.S. MOTOR FLANGE		P67–1909
	MOTOR ASSEMBLIES		
	MOTOR, 2 HP ASSEMBLY 3 PHASE		B10–2179
	MOTOR, 1–1/2 HP ASSEMBLY 1–PHASE		B10–2177
	MOTOR, 1 HP ASSEMBLY 3 PHASE		B10–4171
	MOTOR, 1 HP ASSEMBLY 1 PHASE		B10–2185
	MOTOR, 1 HP ASSEMBLY FOR 2 HP PUMP		*
	MOTOR, 2 HP ASSEMBLY FOR 1 HP PUMP		A10–5333
	NOTE: CALL FACTORY FOR 50 CYC. MOTOR ASSEMBLY		

* TO ORDER SUPPLY MACHINE MODEL AND SERIAL NUMBER

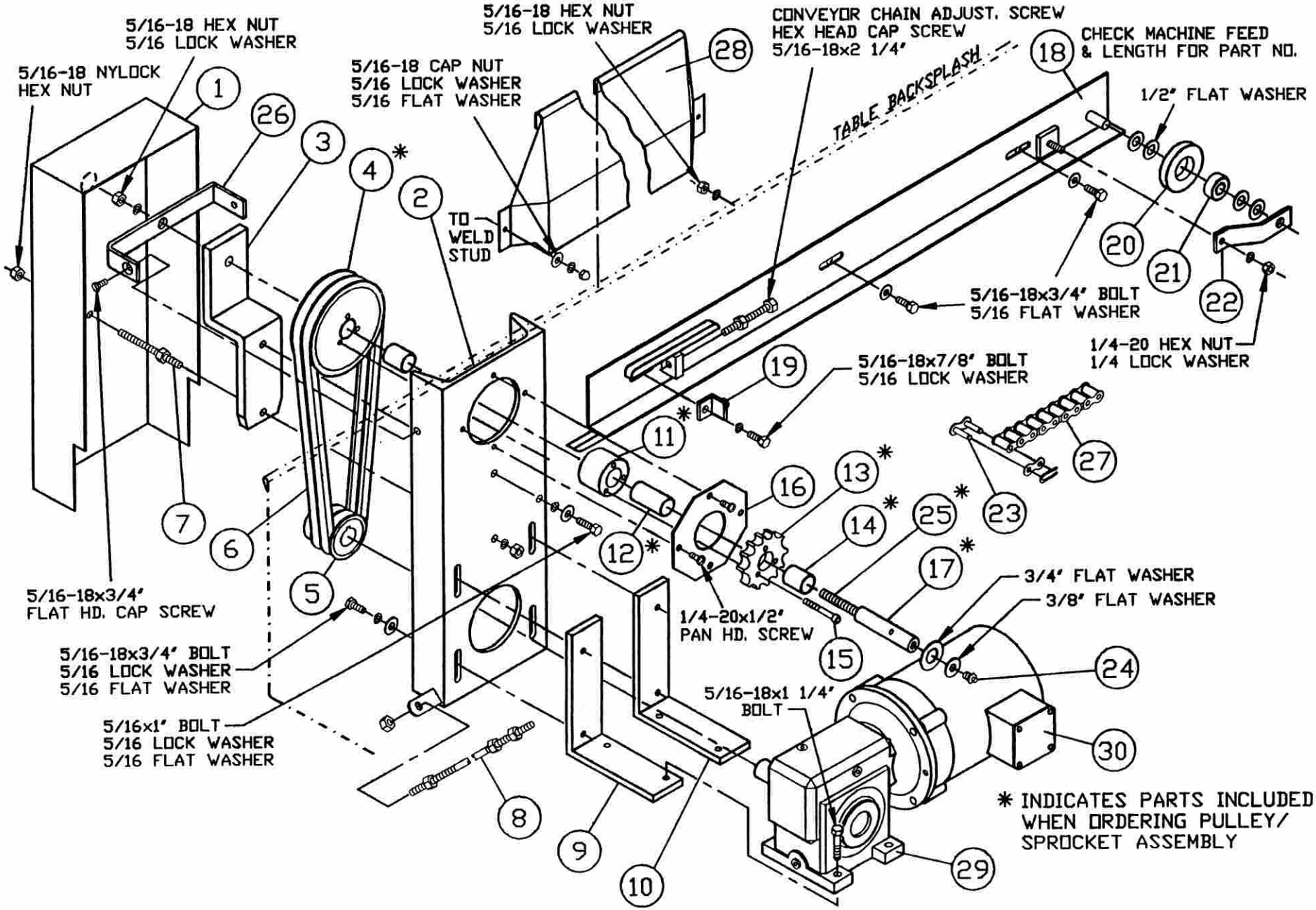
DRIVE SYSTEM

CONVEYOR DRIVE SYSTEM

TRACK ASSY.

DOLLY ASSY.

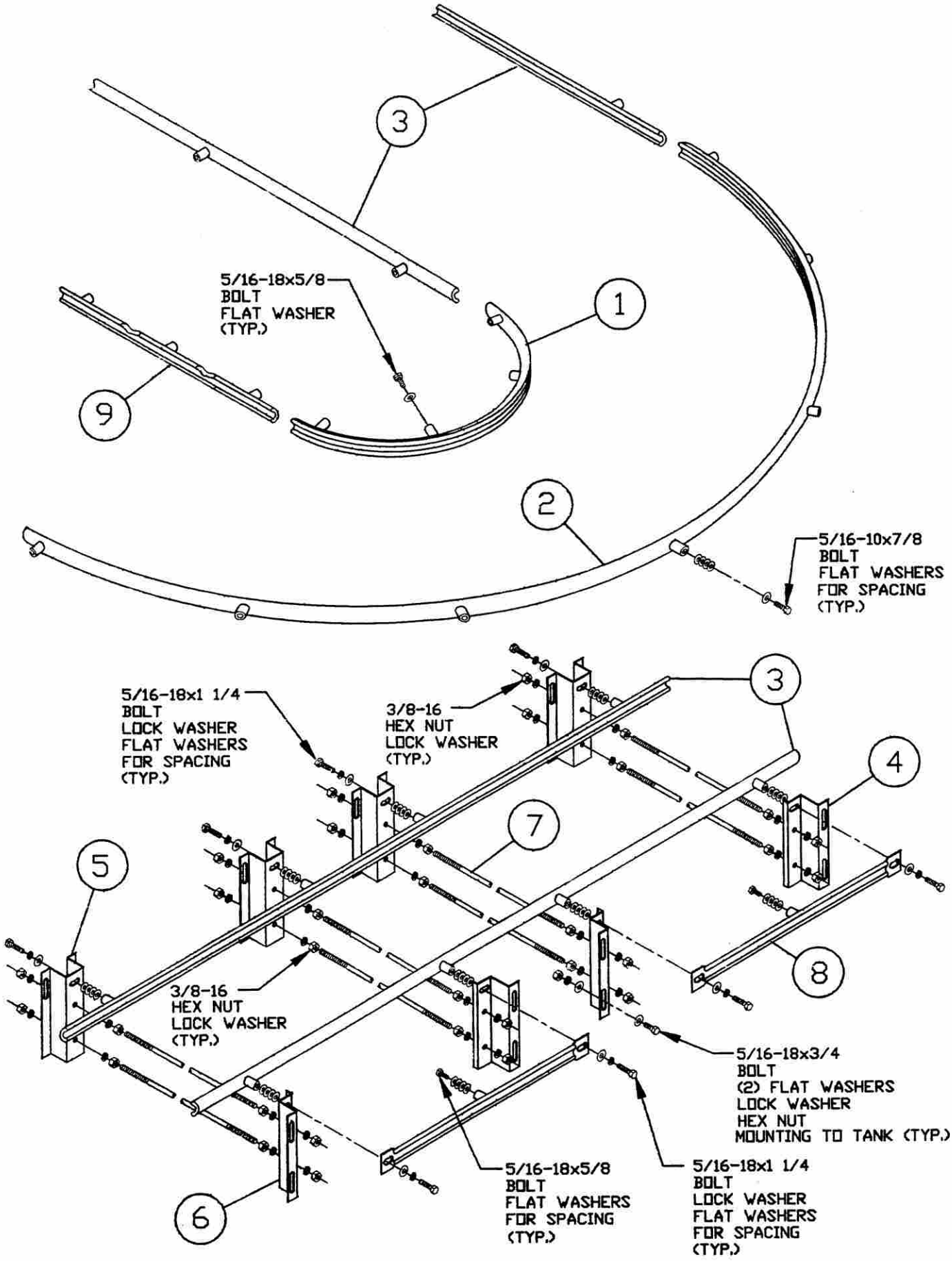
DISH RACKS


5/16-18 HEX NUT
5/16 LOCK WASHER
5/16-18 NYLOCK
HEX NUT
5/16-18 CAP NUT
5/16 LOCK WASHER
5/16 FLAT WASHER
TO
WELD
STUD
5/16-18 HEX NUT
5/16 LOCK WASHER
CONVEYOR CHAIN ADJUST. SCREW
HEX HEAD CAP SCREW
5/16-18x2 1/4"
TABLE BACKSPLASH
CHECK MACHINE FEED
& LENGTH FOR PART NO.
1/2" FLAT WASHER
5/16-18x3/4" BOLT
5/16 FLAT WASHER
1/4-20 HEX NUT
1/4 LOCK WASHER
5/16-18x7/8" BOLT
5/16 LOCK WASHER
5/16-18x3/4"
FLAT HD. CAP SCREW
5/16-18x3/4" BOLT
5/16 LOCK WASHER
5/16 FLAT WASHER
5/16x1" BOLT
5/16 LOCK WASHER
5/16 FLAT WASHER
1/4-20x1/2"
PAN HD. SCREW
3/4" FLAT WASHER
3/8" FLAT WASHER
5/16-18x1 1/4"
BOLT
* INDICATES PARTS INCLUDED
WHEN ORDERING PULLEY/
SPROCKET ASSEMBLY

CONVEYOR DRIVE SYSTEM

ITEM	DESCRIPTION	REMARKS	PART NO.
1	"V" BELT COVER		B10–1653
2	MOUNTING FRAME		B10–1654
3	PULLEY BRACKET		A10–1655
4	DRIVEN PULLEY		A10–1848
5	DRIVE PULLEY SCT–76SM		P66–2277
	DRIVE PULLEY SCT–94SM		P66–1970
	DRIVE PULLEY SCT–120/150SM		P66–2568
6	"V" BELT SCT–76SM		P66–1286
	"V" BELT SCT–94SM		P66–1287
	"V" BELT SCT–120/150SM		P66–1288
7	COVER BOLT		A10–1656
8	BRACE W/LOCKWASHERS AND NUTS		A10–1657
9	MOTOR MOUNT BRACKET RIGHT HAND		A10–1658
10	MOTOR MOUNT BRACKET LEFT HAND		A10–1779
11	SPROCKET ADAPTER		A10–1075
12	SPACER BUSHING		P59–1211
13	SPROCKET		B10–1327
14	NEEDLE BEARING		P66–1208
15	ALLEN HEAD CAPSCREW		P67–1212
16	PHENOLITE SHIELD		B10–1688
17	DRIVE SHAFT		A10–1766
18	CHAIN MOUNTING PLATE 50" SECTION CW		B10–1791
	CHAIN MOUNTING PLATE 50" SECTION CCW		B10–1792
	CHAIN MOUNTING PLATE 38" SECTION CW		B10–1793
	CHAIN MOUNTING PLATE 38" SECTION CCW		B10–1794
19	ADJUSTING LUG		A10–1692
20	IDLER WHEEL		A10–1693
21	IDLER WHEEL BEARING		P66–1207
22	IDLER RETAINER		A10–1694
23	MASTER LINK (FOR CHAIN)		P66–2029
24	GREASE FITTING		P66–1221
25	ALLEN HEAD SET SCREW		P67–1282
26	UPPER PULLEY BRACE		B10–1778
27	DRIVE CHAIN 50" SECTION 84" LONG S.S.		A10–3474
	DRIVE CHAIN 38" SECTION 64" LONG S.S.		*
28	CHAIN COVER		B10–2867
29	GEAR BOX, 73:1 LEFT HAND		P58–1216
	GEAR BOX, 73:1 RIGHT HAND		P58–1215
	GEAR BOX, 60:1 RIGHT HAND		P58–1333
	GEAR BOX, 60:1 LEFT HAND		P58–1334
	GEAR BOX, 50:1 LEFT HAND		P58–1336
	GEAR BOX, 50:1 RIGHT HAND		P58–1335
30	MOTOR, 1/4 HP 1725 RPM TRI–VOLT. 208/230/260V		P41–2218
	MOTOR, 1/4 HP 1725 RPM 115/230V.		P41–1330
	DC MOTOR, 1/2 HP VARIABLE		P41–1213
	DC MOTOR, 1 HP VARIABLE	**	P41–1214
	** USED ON MACHINES OVER 20'		
	PULLEY SPROCKET ASSEMBLY ITEMS 4,11,12,13,14,17,25		B10–1846

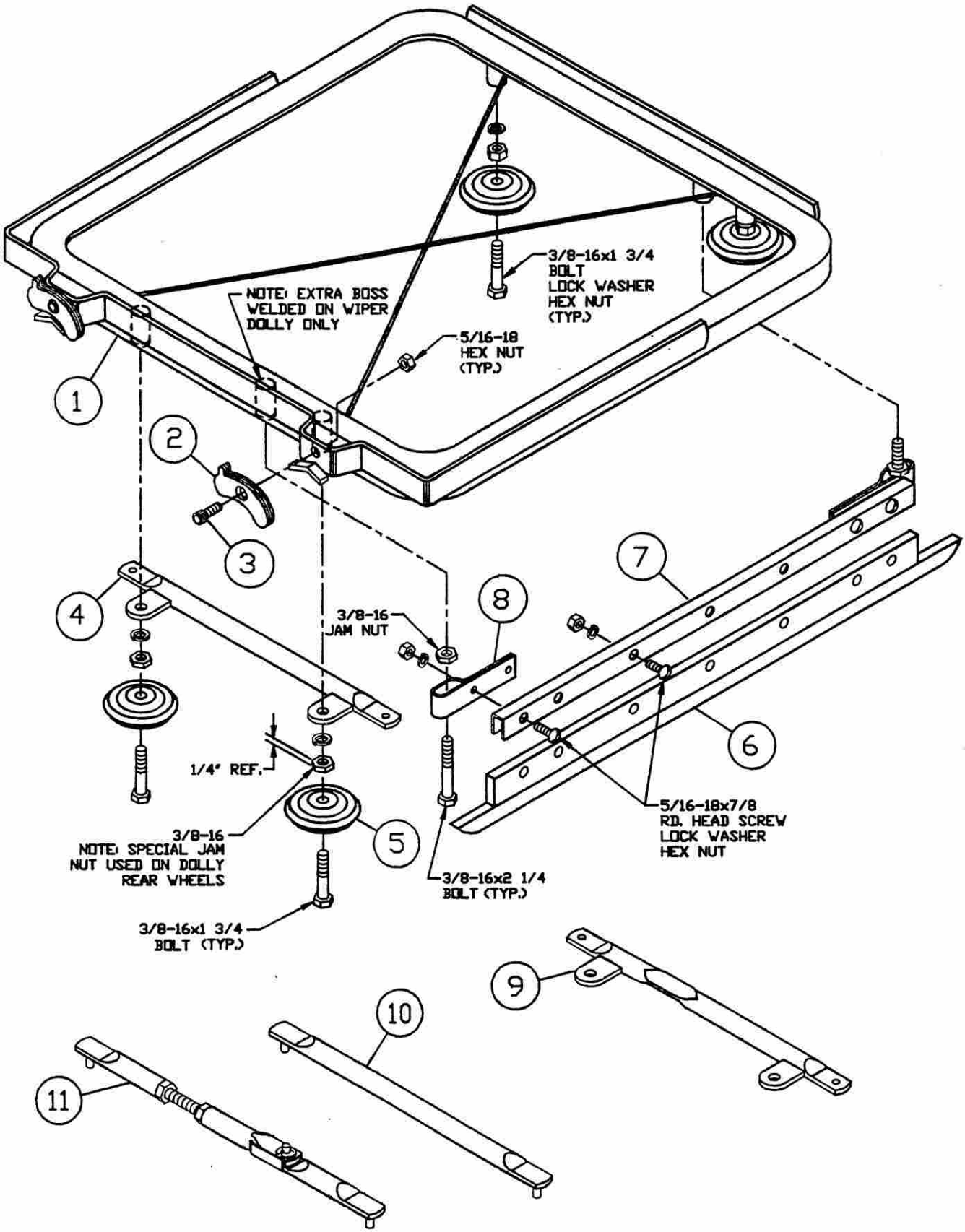
* TO ORDER SUPPLY MACHINE MODEL AND SERIAL NUMBER


3
5/16-18x5/8
BOLT
FLAT WASHER
(TYP.)
1
9
2
5/16-10x7/8
BOLT
FLAT WASHERS
FOR SPACING
(TYP.)
5/16-18x1 1/4
BOLT
LOCK WASHER
FLAT WASHERS
FOR SPACING
(TYP.)
3/8-16
HEX NUT
LOCK WASHER
(TYP.)
3
4
7
5
3/8-16
HEX NUT
LOCK WASHER
(TYP.)
8
5/16-18x3/4
BOLT
(2) FLAT WASHERS
LOCK WASHER
HEX NUT
MOUNTING TO TANK (TYP.)
5/16-18x5/8
BOLT
FLAT WASHERS
FOR SPACING
(TYP.)
5/16-18x1 1/4
BOLT
LOCK WASHER
FLAT WASHERS
FOR SPACING
(TYP.)
6

TRACK ASSEMBLY

ITEM	DESCRIPTION	REMARKS	PART NO.
1	RADIUS INSIDE TRACK	*	A10-2853
2	RADIUS OUTSIDE TRACK	*	A10-2852
3	STRAIGHT TRACK 8'	*	A10-2281
4	FRONT TRACK SUPPORT BRACKET, RIGHT HAND		A10-2882
5	REAR TRACK SUPPORT BRACKET		A10-2883
6	FRONT TRACK SUPPORT BRACKET, LEFT HAND		A10-2894
7	TANK SPREADER ROD		A10-2895
8	DOORWAY BRACE TRACK 24"		B10-3414
9	DOLLY INSERTION TRACK 24"		B10-1817

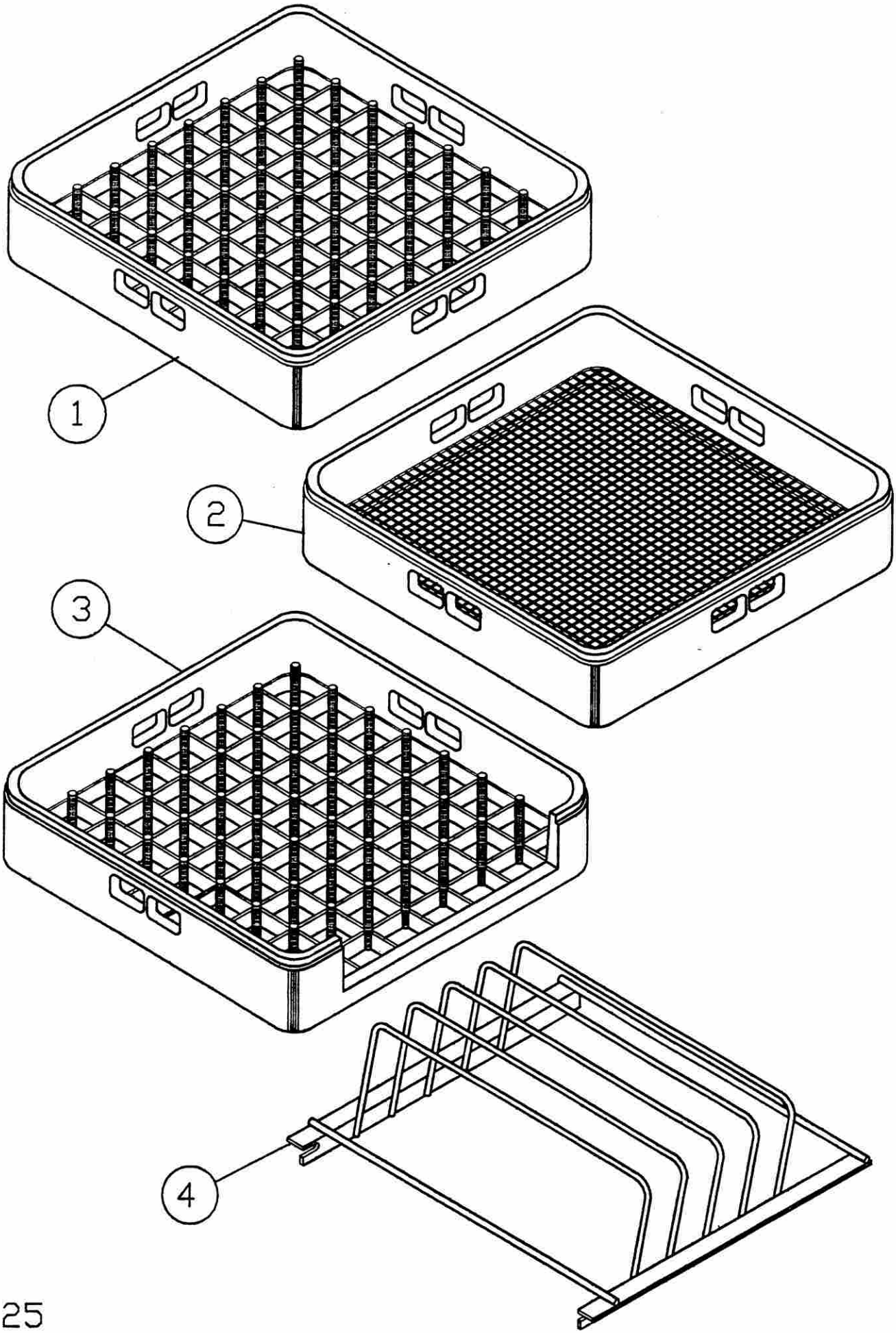
* TO ORDER SUPPLY MACHINE MODEL AND SERIAL NUMBER


NOTE: EXTRA BOSS WELDED ON WIPER DOLLY ONLY
3/8-16x1 3/4 BOLT LOCK WASHER HEX NUT (TYP.)
5/16-18 HEX NUT (TYP.)
1
2
3
4
3/8-16 JAM NUT
8
7
6
1/4" REF.
3/8-16 NOTE: SPECIAL JAM NUT USED ON DOLLY REAR WHEELS
5
5/16-18x7/8 RD. HEAD SCREW LOCK WASHER HEX NUT
3/8-16x2 1/4 BOLT (TYP.)
3/8-16x1 3/4 BOLT (TYP.)
9
10
11

DOLLY ASSEMBLY

ITEM	DESCRIPTION	REMARKS	PART NO.
1	DOLLY FRAME ONLY		B10–3435
2	DRIVE DOG CCW		A10–1642
	DRIVE DOG CW		A10–2807
3	RETAINING BOLT		A10–1644
4	CONNECTING ROD		B10–1645
5	DOLLY WHEEL STAIN. STEEL.		A10–1813
6	WIPER BLADE		B10–1651
7	RETAINER, WIPER BLADE		B10–1652
8	HANGER BRACKET		A10–1650
9	CONNECTING ROD, USED W/WIPER BLADE		*
10	CONNECTING LINK 11–15/16"		B10–2803
	CONNECTING LINK 12–11/16		B10–2804
	CONNECTING LINK 13–7/16"		B10–2805
11	ADJUSTABLE CONNECTING LINK		B10–1179
	DOLLY ASSEMBLY COMPLETE WITH WIPER BLADE		C10–2801
	DOLLY ASSEMBLY COMPLETE WITHOUT WIPER BLADE		C10–2802
	WIPER BLADE ASSY. COMPLETE ITEMS 6, 7 & 8		B10–3499

* TO ORDER SUPPLY MACHINE MODEL AND SERIAL NUMBER


1
2
3
4

DISH RACKS

ITEM	DESCRIPTION	REMARKS	PART NO.
1	PLATE AND TRAY RACK P1700		P56-2271
2	COMBINATION RACK P6200		P56-2273
3	OPEN END TRAY RACK P1400		P56-2270
4	TRAY & BUN PAN SUPPORT RACK INSERT		A10-3476

SPRAYING SYSTEMS

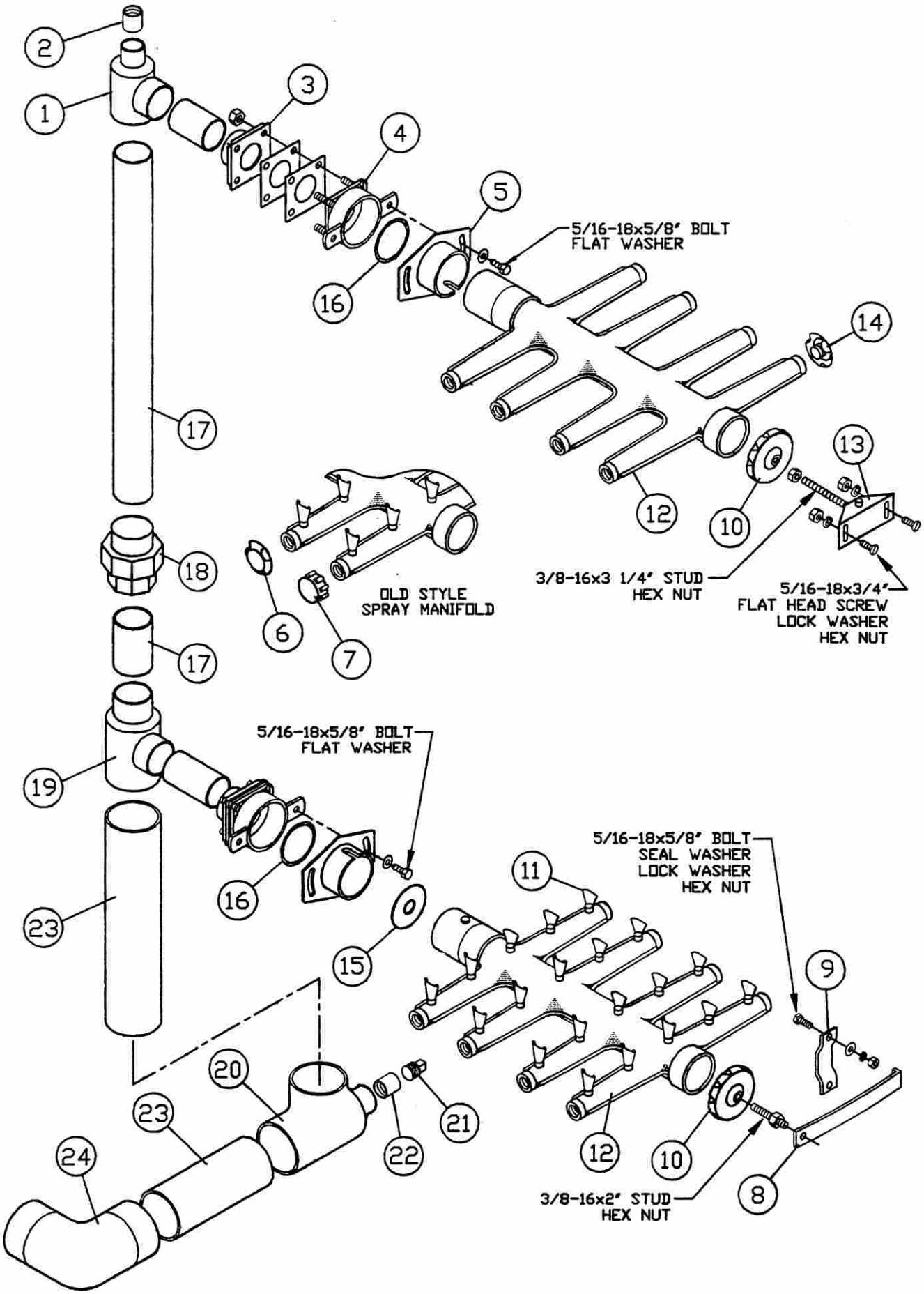
SCRAPPER ASSY.

WASH/RINSE ASSY.

FINAL RINSE HI-TEMP.

FINAL RINSE LOW-TEMP.

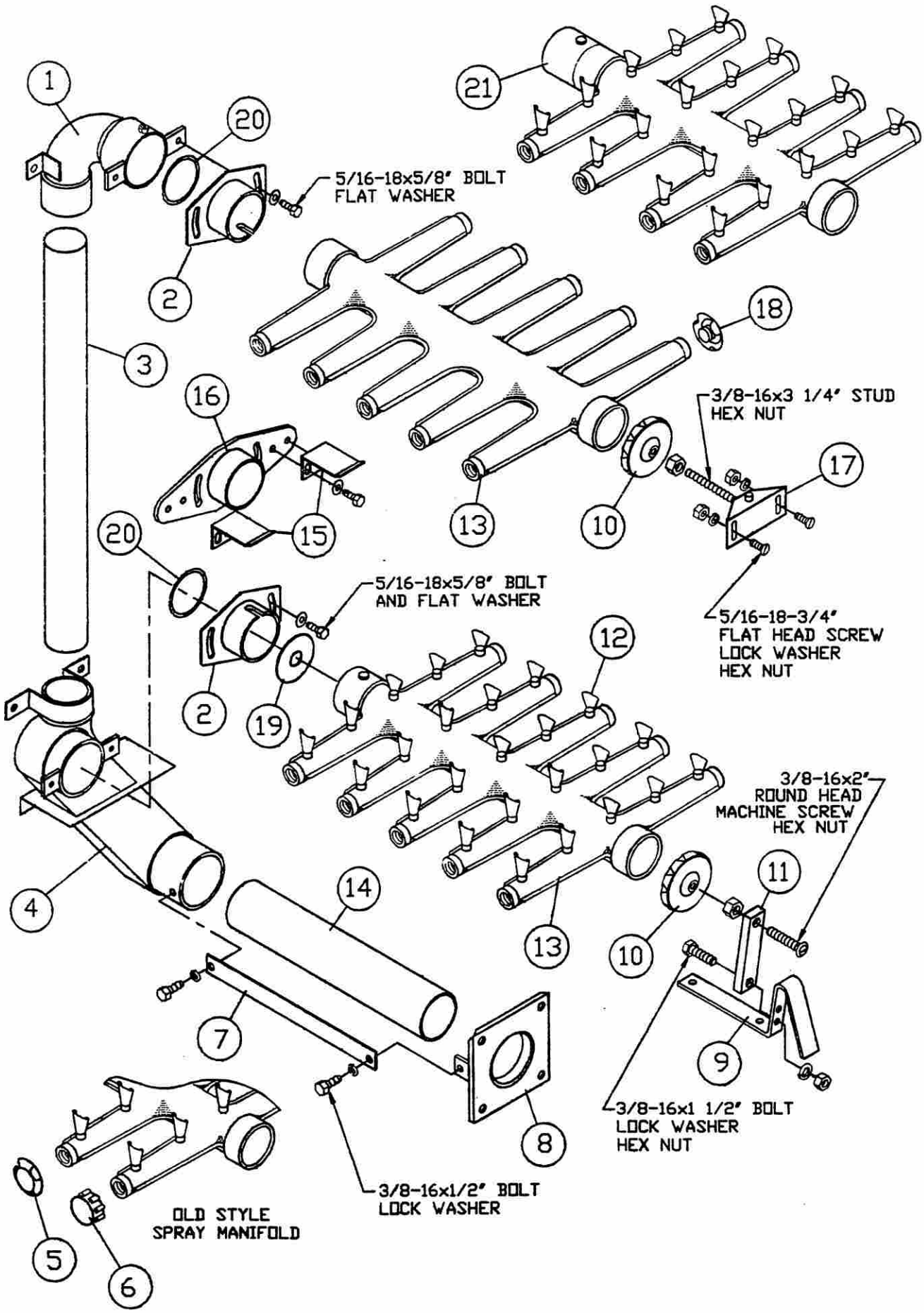
RINSE RAKE ASSY.


2
1
3
4
5
5/16-18x5/8" BOLT
FLAT WASHER
16
14
17
12
10
13
18
OLD STYLE
SPRAY MANIFOLD
6
7
3/8-16x3 1/4" STUD
HEX NUT
5/16-18x3/4"
FLAT HEAD SCREW
LOCK WASHER
HEX NUT
17
5/16-18x5/8" BOLT
FLAT WASHER
19
16
11
5/16-18x5/8" BOLT
SEAL WASHER
LOCK WASHER
HEX NUT
23
15
9
20
23
21
22
12
10
24
8
3/8-16x2" STUD
HEX NUT

SCRAPPER ASSEMBLY

ITEM	DESCRIPTION	REMARKS	PART NO.
1	TEE 1-1/2x1x1-1/2"		P68-1389
2	FLUSH MOUNT BUSHING 1x1/2" FTG x F		P68-1499
3	FLANGED ADAPTER		B10-4229
4	ADAPTER, MANIFOLD ASSEMBLY		A10-2921
5	MANIFOLD ORIENT, SCRAPPER	***	B10-2250
6	CAP OLD STYLE ASSEMBLY		A10-2028
7	PLASTIC MANIFOLD CAP, OLD STYLE		A59-2227
8	BAR SUPPORT CURVED		*
9	BRACKET		*
10	END CAP SPRAY MANIFOLD		A10-1868
11	SPRAY JET FAN TYPE		A43-1059
12	MANIFOLD SPRAY TYPE 20 SPRAYER UPPER OR LOWER		C10-1257
13	BRACKET UPPER MANIFOLD ASSEMBLY		A10-3129
14	CAP TREE STYLE CLEAN OUT		A10-3318
15	RESTRICTOR, 3/4 x 2-1/2" OD		A10-2252
	RESTRICTOR, 1 x 2-1/2" OD		A10-2253
	RESTRICTOR, 1-1/8 x 2-1/2" OD		A10-2254
	RESTRICTOR, 1-1/4 x 2-1/2" OD		A10-2255
	RESTRICTOR, 1-1/2 x 2-1/2" OD		A10-2256
16	"O" RING		P57-2519
17	1-1/2" COPPER TUBING 22" LONG	**	P51-1349
	1-1/2" COPPER TUBING 4-1/2" LONG	**	P68-1381
18	1-1/2" UNION CxC		P68-1368
19	TEE 2x1-1/2x1-1/2" COPPER		P68-1369
20	TEE 2x1x2 COPPER		P68-1485
21	PIPE PLUG 1" MIP		P68-1407
22	ADAPTER 1" FTGxF		P51-1349
23	2" COPPER TUBING 12" LONG	**	P51-1350
	2" COPPER TUBING 8" LONG	**	P51-1350
24	2" 90° ELBOW CxC		P68-1359
	** NOTE WHEN ORDERING SPECIFY LENGTH SOLD BY THE FOOT		
	*** NOTE LOWER MANIFOLD ORIENT IS 1/4" SHORTER		

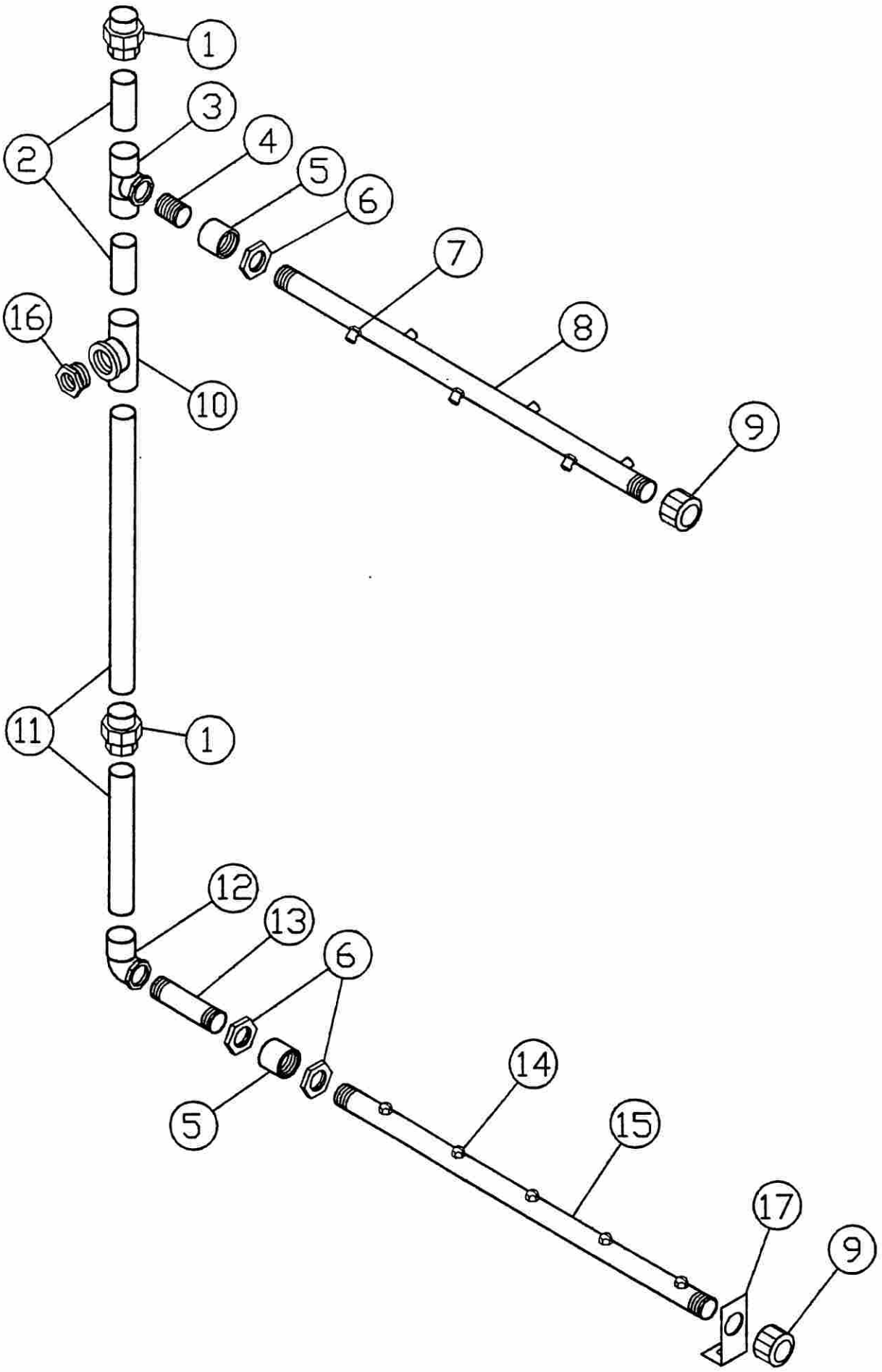
* TO ORDER SUPPLY MACHINE MODEL AND SERIAL NUMBER


1
20
21
5/16-18x5/8" BOLT
FLAT WASHER
2
3
18
16
3/8-16x3 1/4" STUD
HEX NUT
17
15
13
10
20
5/16-18x5/8" BOLT
AND FLAT WASHER
5/16-18-3/4"
FLAT HEAD SCREW
LOCK WASHER
HEX NUT
2
19
12
3/8-16x2"
ROUND HEAD
MACHINE SCREW
HEX NUT
4
14
11
13
10
7
9
8
3/8-16x1 1/2" BOLT
LOCK WASHER
HEX NUT
3/8-16x1/2" BOLT
LOCK WASHER
OLD STYLE
SPRAY MANIFOLD
5
6

WASH / RINSE SPRAY ASSEMBLY

ITEM	DESCRIPTION	REMARKS	PART NO.
1	ELBOW, MANIFOLD UPPER		B10-1995
2	ADAPTOR, MANIFOLD ASSEMBLY	*	B10-2250
3	PIPE, STAND WASH / RINSE MANIFOLD		A10-2919
4	TEE, AND ELBOW S.S. COMBINATION		C10-1087
5	CAP, ASSEMBLY TREE STYLE MANIFOLD		A10-2028
6	CAP, PLASTIC, TREE STYLE MANIFOLD		A59-2227
7	RETAINER, FEED PIPE		A10-2920
8	FLANGE, DISCHARGE PUMP #368		B10-1860
9	BAR, SUPPORT SPRAY MANIFOLD CLAMP		B10-1867
10	END CAP, SPRAY MANIFOLD		A10-1868
11	ARM, PIVOT SPRAY MANIFOLD CLAMP		FF-0094
12	SPRAY JET, FAN TYPE		A43-1059
13	MANIFOLD, CENTER FED	25 SPRAYER	C10-5453
14	TUBE, CROSS OVER		B10-2873
15	BRACKETS, MANIFOLD ORIENT		A10-1990
16	FLANGE, MANIFOLD ADJUSTMENT		A10-1988
17	BRACKET, ASSEMBLY UPPER MANIFOLD		A10-3129
18	CAP, ASSEMBLY TREE STYLE CLEAN OUT		A10-3318
19	RESTRICTOR, 3/4" ID 2-1/2" OD		A10-2252
	RESTRICTOR, 1" ID 2-1/2" OD		A10-2253
	RESTRICTOR, 1-1/8" ID 2-1/2" OD		A10-2254
	RESTRICTOR, 1-1/4" ID 2-1/2" OD		A10-2255
	RESTRICTOR, 1-1/2" ID 2-1/2" OD		A10-2256
20	"O" RING		P57-2519
21	MANIFOLD, CENTER FED, EXT. COLLAR, PRIOR TO 11/92	20 SPRAYER	C10-1257
	* REPLACES ITEMS 15 AND 16		

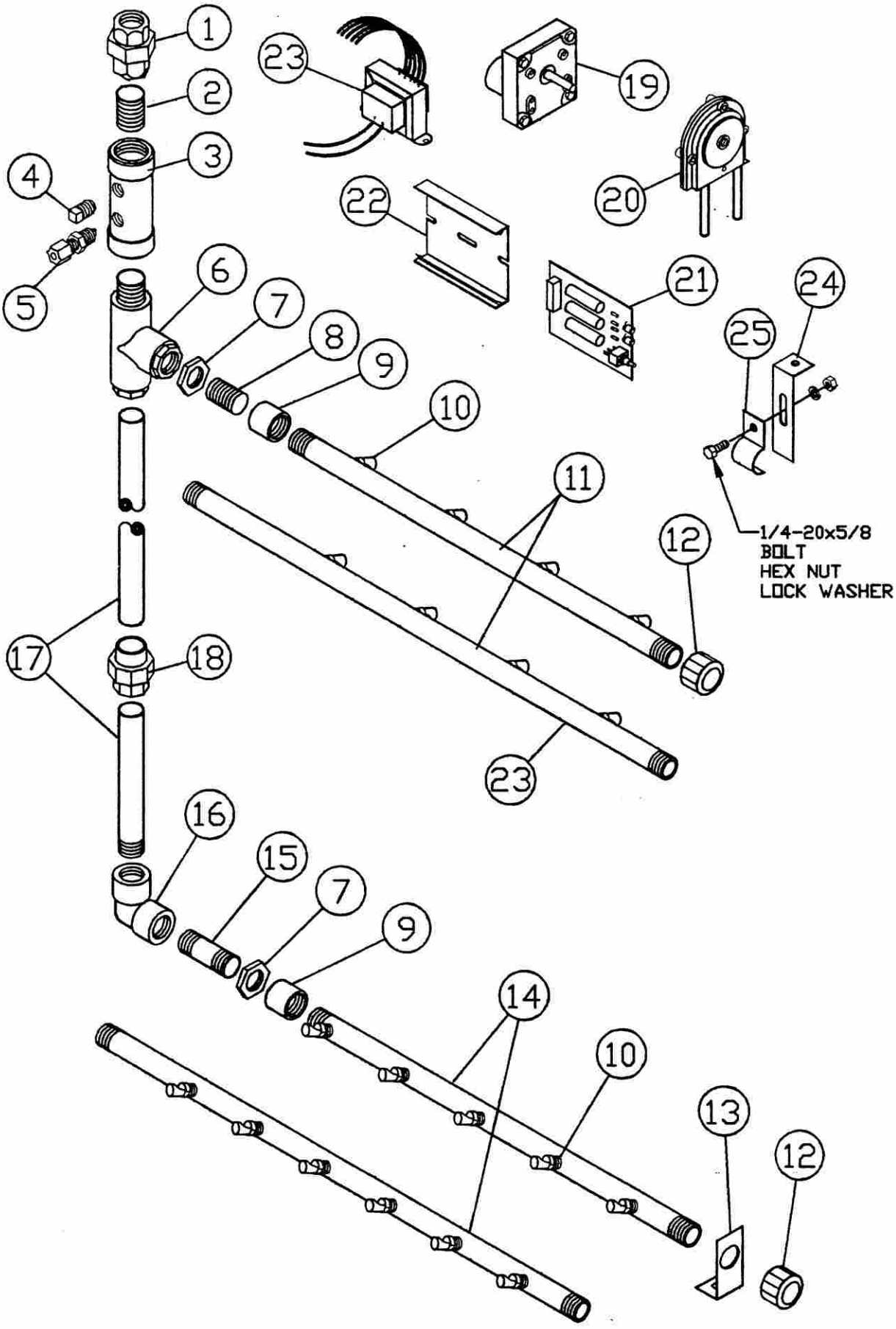
* TO ORDER SUPPLY MACHINE MODEL AND SERIAL NUMBER


1
2
3
4
5
6
7
8
9
16
10
11
1
12
13
6
5
14
15
17
9

FINAL RINSE HIGH TEMP

ITEM	DESCRIPTION	REMARKS	PART NO.
1	UNION 3/4" CxC		P68-1446
2	NIPPLE 3/4 x 1-3/4" COPPER		A10-3345
3	TEE 3/4x3/4x1/2" CxCxF		P68-1456
4	NIPPLE 1/2 x 1-1/2" BRASS		P68-2504
5	COUPLING 1/2" BRASS		P68-1481
6	LOCKNUT 1/2 FIP		A10-1446
7	SPRAY JET UPPER SCT-76/94SM		B50-1382
	SPRAY JET UPPER SCT-120/150SM		B50-1173
8	SPRAY PIPE 1/2x18-1/2 WITH 6 HOLES		B10-1172
9	PIPE CAP CPVC 1/2" FIP		P68-1293
10	TEE 3/4" CxCxF		P68-1448
11	STANDPIPE (MADE FROM 3/4" COPPER TUBING)		P51-1346
12	ELBOW 90° 3/4x1/2" CxF		P68-1461
13	NIPPLE 1/2 x 2-1/2" BRASS		P68-2473
14	SPRAY JET LOWER SCT-76/94SM		B50-2295
	SPRAY JET LOWER SCT-120/150SM		B50-1163
15	SPRAY PIPE 1/2x18-1/2 WITH 5 HOLES		A10-1180
16	BUSHING 3/4 x 1/2" MxF		P68-1496
17	BRACKET LOWER SPRAY PIPE		A10-2899

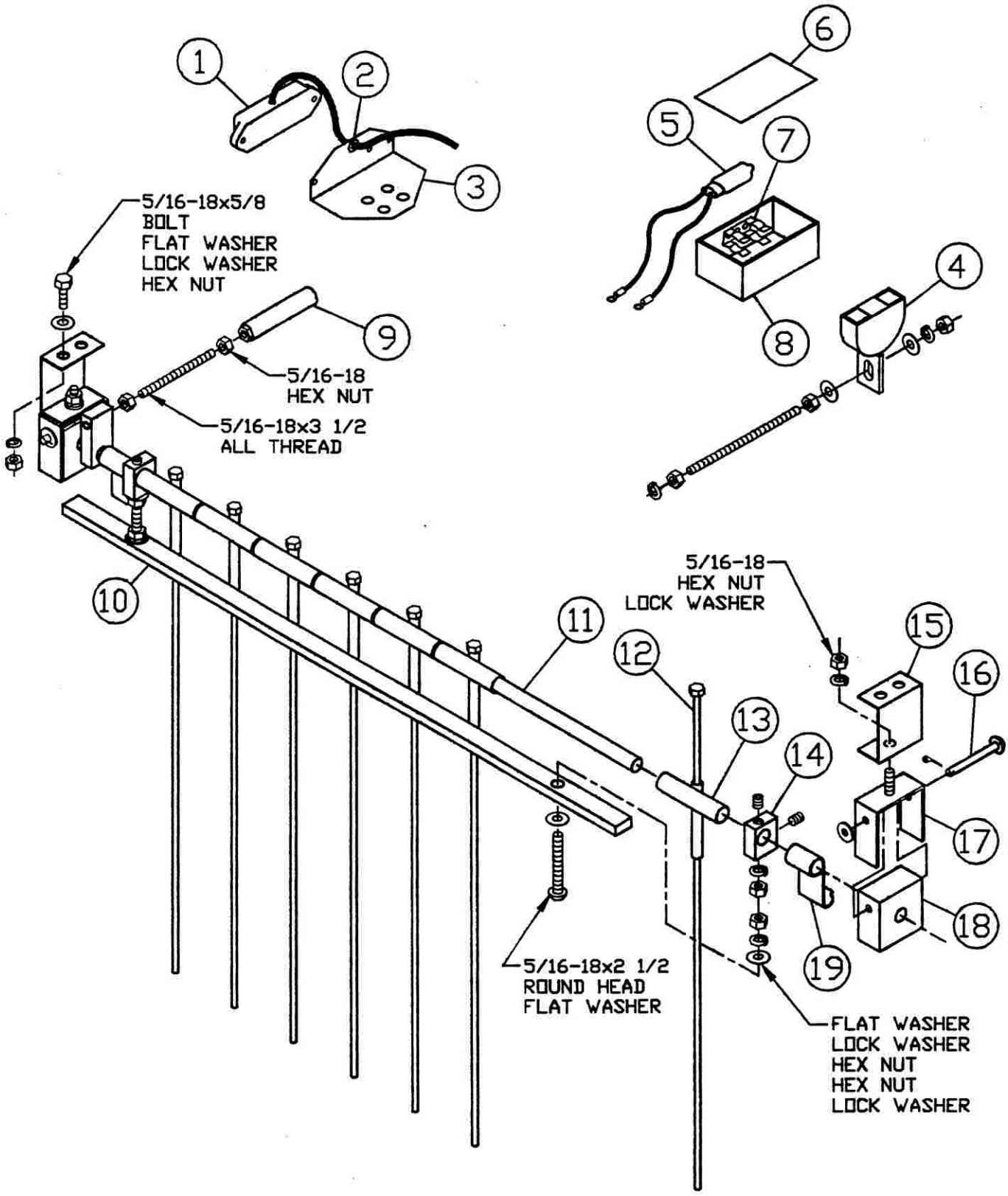
* TO ORDER SUPPLY MACHINE MODEL AND SERIAL NUMBER


1/4-20x5/8
BOLT
HEX NUT
LOCK WASHER

FINAL RINSE LOW TEMP

ITEM	DESCRIPTION	REMARKS	PART NO.
1	UNION 3/4" CxC		P68-1446
2	3/4" x CLOSE NIPPLE BRASS		P68-1527
3	CHEMICAL INJECTION TOWER CPVC		B10-1912
4	PIPE PLUG 1/4"		P68-1298
5	DUCK BILL CHECK VALVE		P68-1982
6	TEE ASSEMBLY FINAL RINSE		A10-1913
7	LOCK NUT 1/2" NPT S.S.		A10-1446
8	1/2" x CLOSE NIPPLE		*
9	COUPLING 1/2" CPVC		268-2488
10	SPRAY JET CPVC		B10-1870
11	SPRAY PIPE STRAIGHT SECTION 18-1/2"	UPPER	B10-2868
	SPRAY PIPE CURVED SECTION 23-1/2"	UPPER	*
12	CLEAN OUT CAP CPVC		P68-1293
13	BRACKET SPRAY PIPE		A10-2899
14	SPRAY PIPE 5 HOLES STRAIGHT SECTION 18-1/2"	LOWER	*
	SPRAY PIPE 6 HOLES CURVED SECTION 23-1/2"	LOWER	*
15	1/2" x 2 1/4" NIPPLE		*
16	ELBOW 90° FIP CPVC		P68-1294
17	STANDPIPE CPVC 1/2" SCHD 80 (SPECIFY LENGTH)		P51-2479
18	UNION 1/2" CPVC		P68-2489
19	D.C. PUMP MOTOR		P41-1011
20	PUMP UNIT		P41-1001
21	PC BOARD		P42-1864
22	SNAP TRACK		P52-1049
23	TRANSFORMER		P53-2054
24	BRACKET		A10-3670
25	PIPE CLAMP		A10-2021
	NOTE: ITEMS 19 THRU 23 MOUNTED IN CONTROL BOX		

* TO ORDER SUPPLY MACHINE MODEL AND SERIAL NUMBER


1
2
3
5/16-18x5/8
BOLT
FLAT WASHER
LOCK WASHER
HEX NUT
9
5/16-18
HEX NUT
5/16-18x3 1/2
ALL THREAD
6
5
7
8
4
10
11
12
5/16-18
HEX NUT
LOCK WASHER
15
16
13
14
17
18
19
5/16-18x2 1/2
ROUND HEAD
FLAT WASHER
FLAT WASHER
LOCK WASHER
HEX NUT
HEX NUT
LOCK WASHER

RINSE RAKE ASSEMBLY

ITEM	DESCRIPTION	REMARKS	PART NO.
1	REED SWITCH ASSEMBLY		B10-4274
2	GROMMET		P57-2516
3	BRACKET REED SWITCH		A10-4273
4	HORSESHOE MAGNET	**	B10-1674
5	MERCURY SWITCH	**	P49-1274
6	MERCURY SWITCH COVER	**	NLA
7	MERCURY SWITCH BOX	**	NLA
8	MERCURY SWITCH CLIP	**	P49-1270
9	MAGNET HOUSING ASSEMBLY		A10-1585
10	BAR & COUNTER WEIGHT - FINGERLIFT		B10-2861
11	CROSS SHAFT - FINGERLIFT		B10-2863
12	RAKE FINGERS		A10-2865
13	RINSE FINGER ROD SLEEVE		A10-3500
14	COUNTER WEIGHT PILLOW BLOCK		A10-1665
15	RAKE BEARING BRACKET		A10-2866
16	BEARING BLOCK YOKE PIN		A10-1676
17	BEARING BLOCK YOKE		A10-1675
18	BEARING BLOCK		B50-1203
19	CURTAIN HOOK		A10-3484
	COMPLETE ASSEMBLY CCW		B10-2859
	COMPLETE ASSEMBLY CW		B10-2860
	** REPLACED BY ITEMS 1,2,3 & 9		

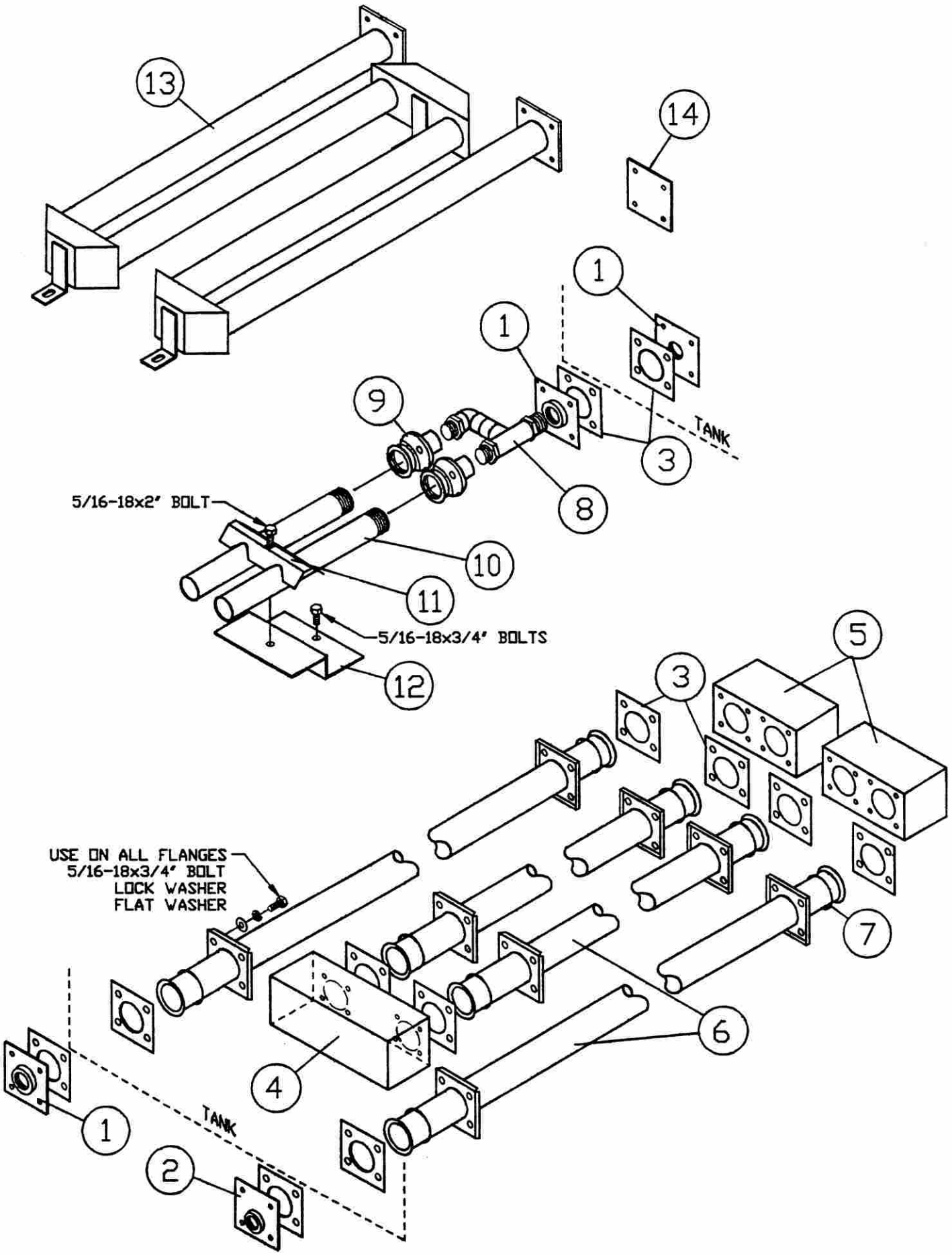
* TO ORDER SUPPLY MACHINE MODEL AND SERIAL NUMBER

HEATING COMPONENTS

STEAM COILS & INJECTORS

ELECTRIC HEAT

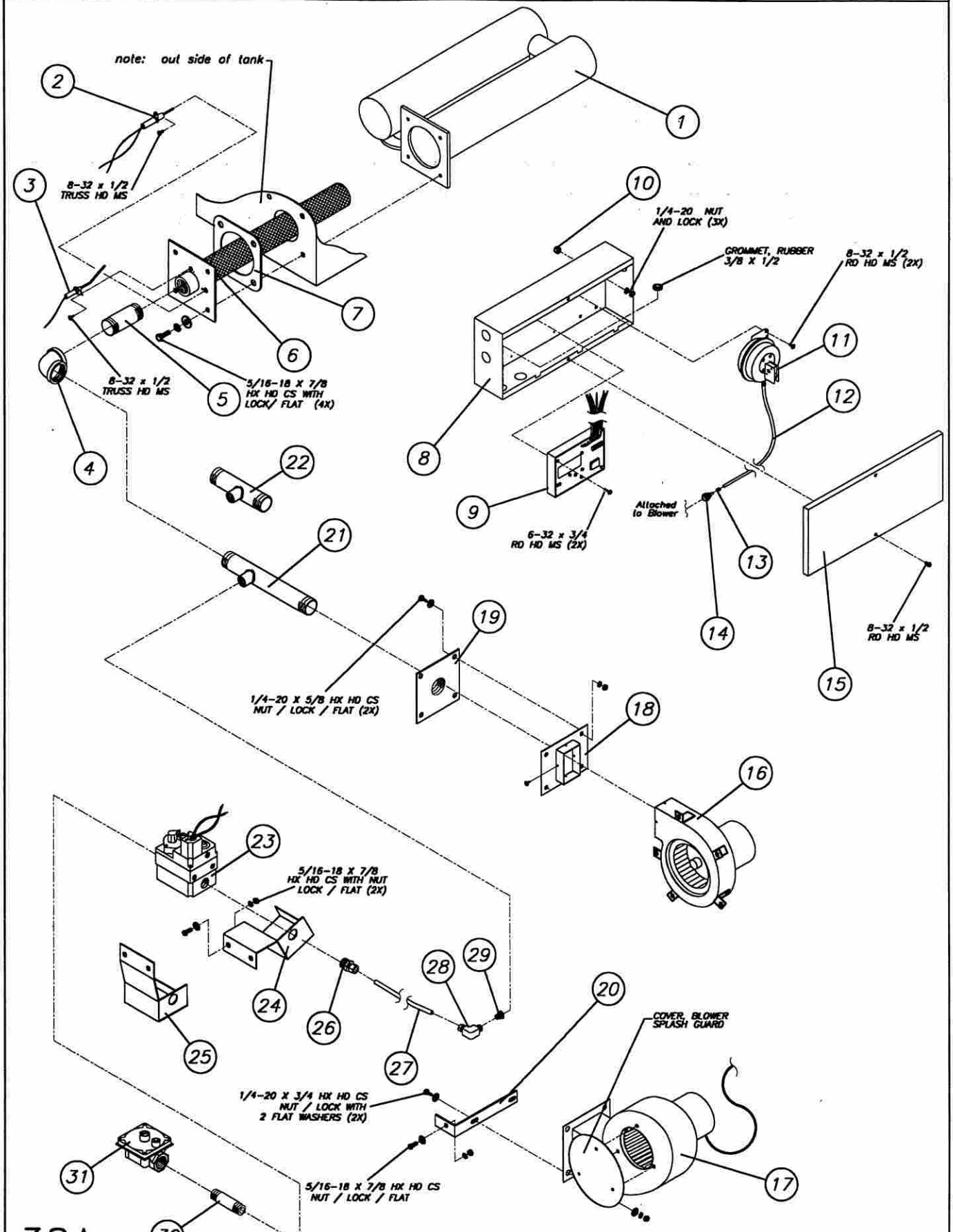
BLOWER DRYER ASSY.


13
14
1
1
9
TANK
3
8
5/16-18x2" BOLT
10
11
5/16-18x3/4" BOLTS
12
5
3
USE ON ALL FLANGES
5/16-18x3/4" BOLT
LOCK WASHER
FLAT WASHER
7
6
4
TANK
1
2

TYPICAL STEAM HEAT ASSEMBLY

ITEM	DESCRIPTION	REMARKS	PART NO.
1	FLANGE, INLET ADAPTOR 3/4" NPT		A10-3332
2	FLANGE, RETURN ADAPTOR 1/2" OFFSET		A10-3329
3	GASKET, STEAM COIL	BEFORE 7-89	A57-2387
4	BOX, STEAM RETURN ASSEMBLY	BEFORE 7-89	*
5	PIPES, STEAM COIL WITH FLANGES	BEFORE 7-89	*
6	"O" RING, #130 VITON		P57-2451
7	BUSHING, 3/4x1/2" STAINLESS STEEL		P68-1896
8	NIPPLE, 1/2xCLOSE STAINLESS STEEL		P68-1885
9	SILENCER, STEAM INJECTOR		A10-2160
10	PIPE, STEAM INJECTOR 11-3/4" LONG	*	A10-2161
11	CLAMP, PIPE STEAM INJECTOR		A10-2163
12	BRACKET, PIPE SUPPORT		*
13	STEAM COIL ASSEMBLY **	AS OF 7-89	*
	** REPLACES ITEMS 4,5,&6		
	* TO ORDER SUPPLY MACHINE MODEL AND SERIAL NUMBER		

TANK HEAT ASSEMBLY–SINGLE BURNER
INFRARED TANK HEAT



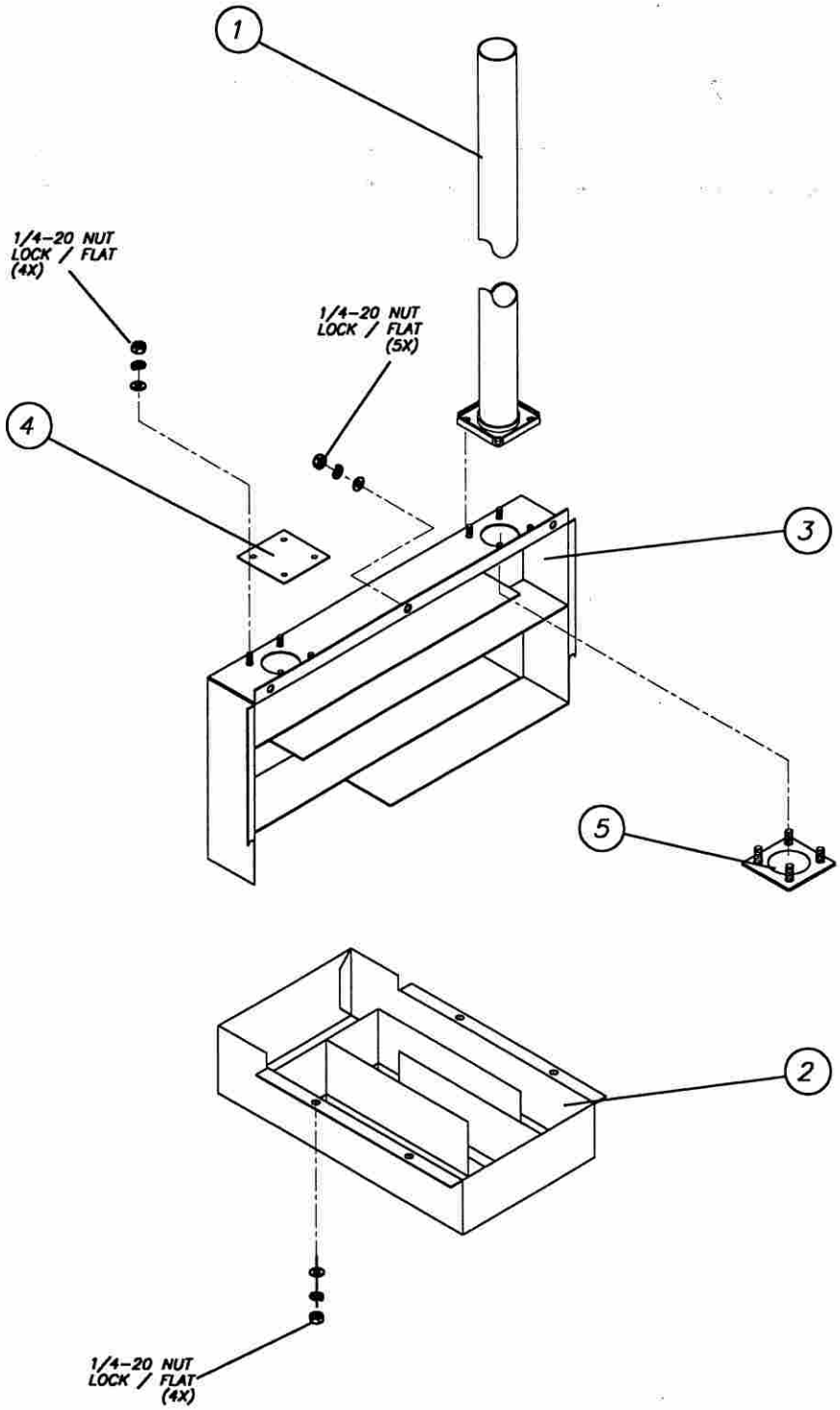
38A

TANK HEAT ASSEMBLY–SINGLE BURNER
INFRARED TANK HEAT

ITEM	DESCRIPTION	REMARKS	PART NO.
1	ASSEMBLY, BURNER TUBE		**
2	IGNITER		P49–5798
3	SENSOR, FLAME		P49–6037
4	ELBOW		P68–1622
5	NIPPLE		P68–1638
6	BURNER		P55–5792
7	GASKET		B57–1757
8	BOX, 14" GAS CONTROL		C10–5956
9	CONTROL MODULE		P42–5944
	SET, CONTROL MODULE	CTL.BOX & HARNESS	P42–5794
10	BUSHING,	3 REQ.	A50–1556
11	SWITCH, DIAPHRAGM		P49–5795
12	TUBE, CLEAR DIAPHRAGM SWITCH		P51–5829
13	RESTRICTOR, AIR		A10–5831
14	FITTING, DIAPHRAGM SWITCH TUBE		A10–5822
15	COVER, 14" GAS CONTROL BOX		B10–5957
16	BLOWER, DAYTON		P41–6082
17	BLOWER, FASCO		P41–5793
18	ADAPTER, BLOWER		A10–6052
19	PLATE, BLOWER		A10–6009
20	BRACKET, BLOWER MNTG.		A10–5809
21	MIXING CHAMBER–8 1/2"		A10–6001
22	MIXING CHAMBER–5"		A10–5821
23	VALVE, GAS		P54–5796
24	BRACKET, GAS VALVE MNTG.		A10–5810
25	BRACKET, GAS VALVE MNTG.		A10–5808
26	FITTING, TUBE COMPRESSION		P68–5830
27	TUBE, COPPER		P51–2013
28	FITTING, ORIFICE		A10–5832
29	ORIFICE		A10–5827
30	NIPPLE		P68–1654
31	REGULATOR, GAS (Natural Gas System Only))		P54–5828

* TO ORDER – SUPPLY MACHINE MODEL AND SERIAL NUMBER

TANK HEAT EXHAUST ASSEMBLY
INFRARED TANK HEAT

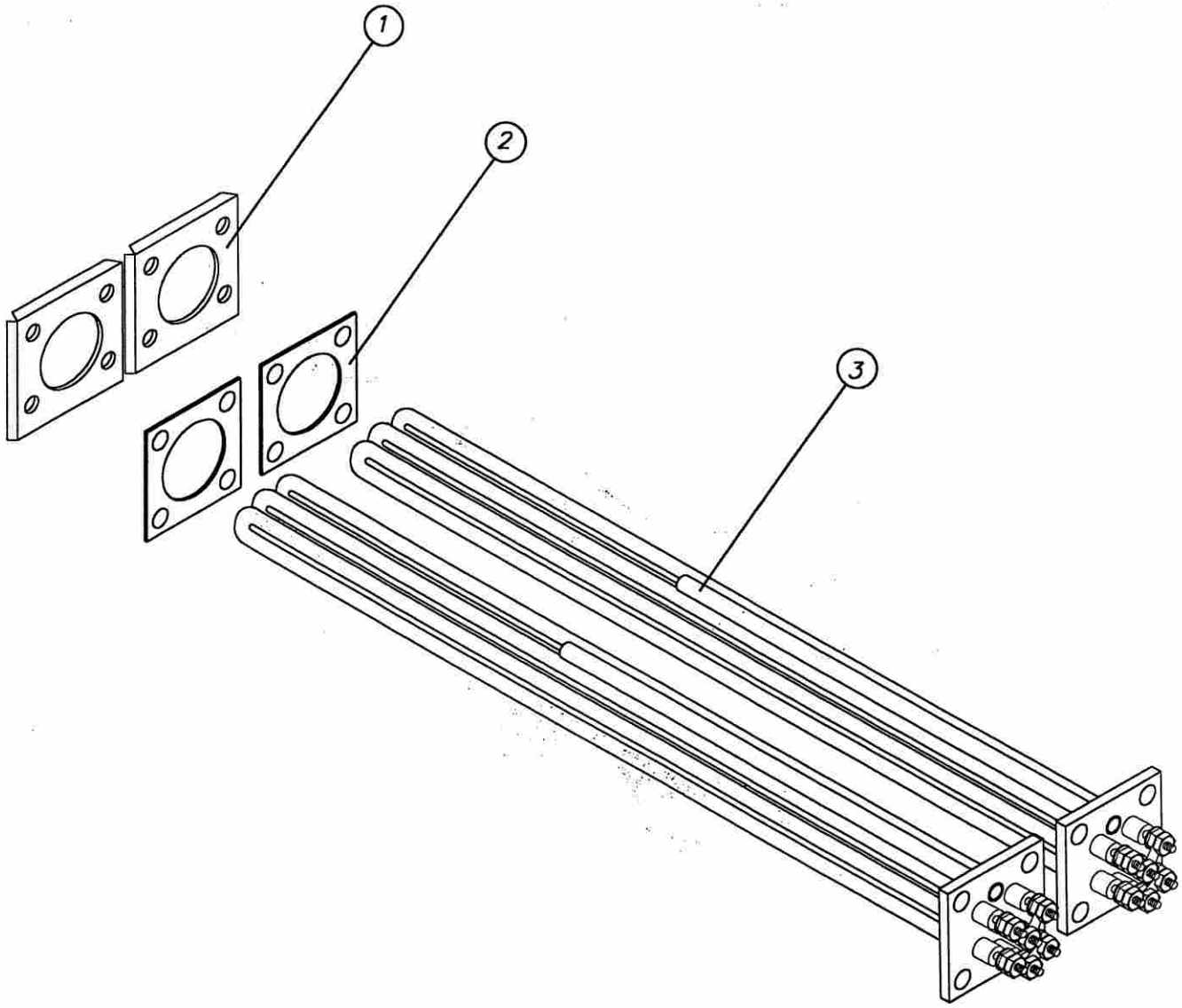


TANK HEAT EXHAUST ASSEMBLY
INFRARED TANK HEAT

ITEM	DESCRIPTION	REMARKS	PART NO.
1	STACK, INFRARED EXHAUST		A105820
2	BOX, 15 1/2" PRIMARY EXHAUST–STD		C105816
	BOX, 10 3/4" PRIMARY EXHAUST–STD		C106016
	BOX, 15 1/2" PRIMARY EXHAUST–RVSD		C105877
	BOX, 10 3/4" PRIMARY EXHAUST–RVSD		C106015
3	BOX, 21 3/4" SCNDRY EXHAUST–STD		C105813
	BOX, 20 1/8" SCNDRY EXHAUST–STD		C105961
	BOX, 21 3/4" SCNDRY EXHAUST–RVSD		C105908
	BOX, 20 1/8" SCNDRY EXHAUST–RVSD		C105963
4	PLATE, 3 x 3 HEATING ELEMENT BLANK		A103326
5	PLATE, 2 7/8" STACK MOUNTING		A106045

* TO ORDER – SUPPLY MACHINE MODEL AND SERIAL NUMBER

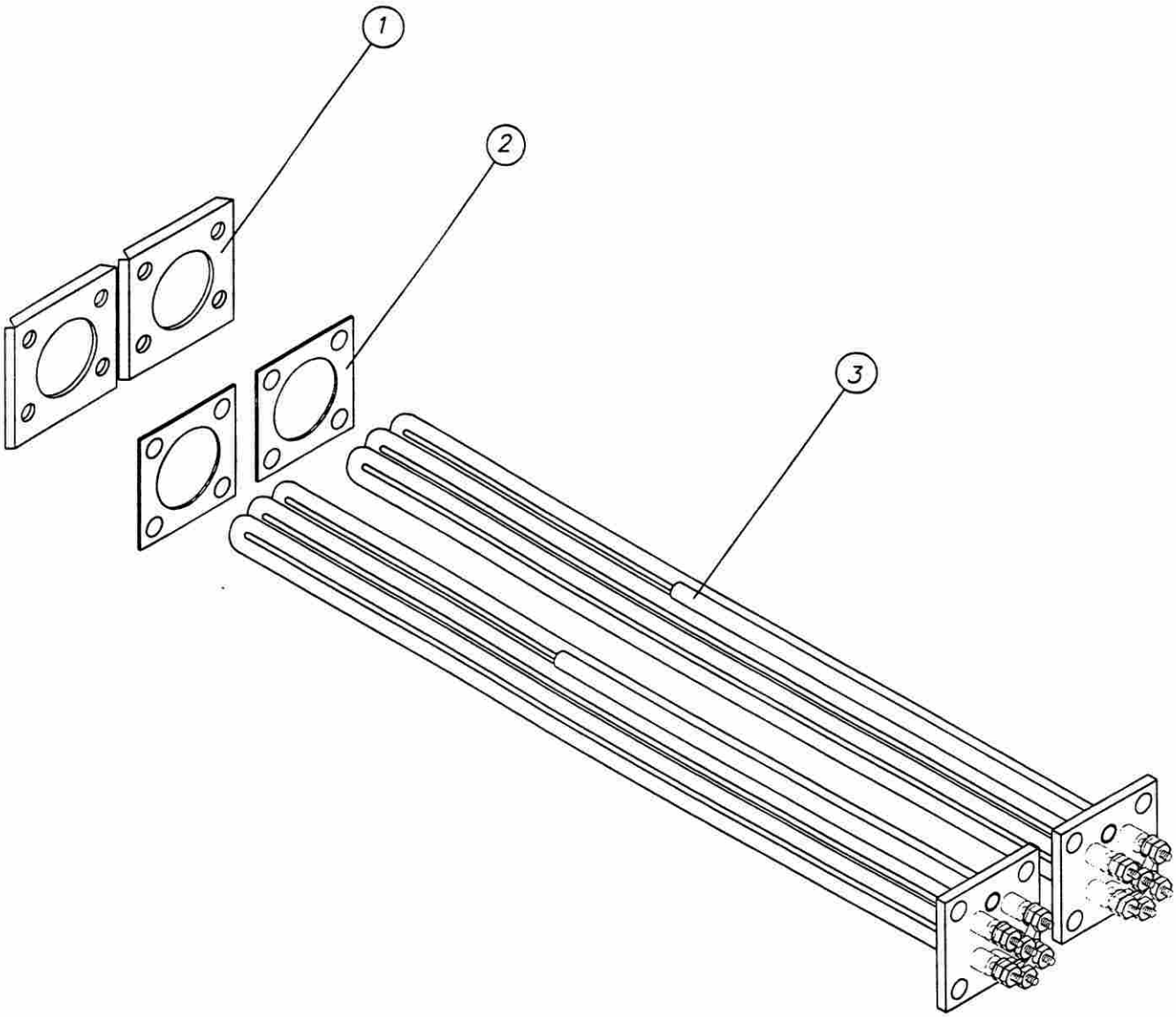
HEATING COMPONENTS



TANK HEAT EXHAUST ASSEMBLY
INFRARED TANK HEAT

ITEM	DESCRIPTION	REMARKS	PART NO.
1	TUBE, EXHAUST		*
2	BOX, PRIMARY HEAT RECIRCULATING		*
3	BOX, SECONDARY HEAT RECIRCULATING		*

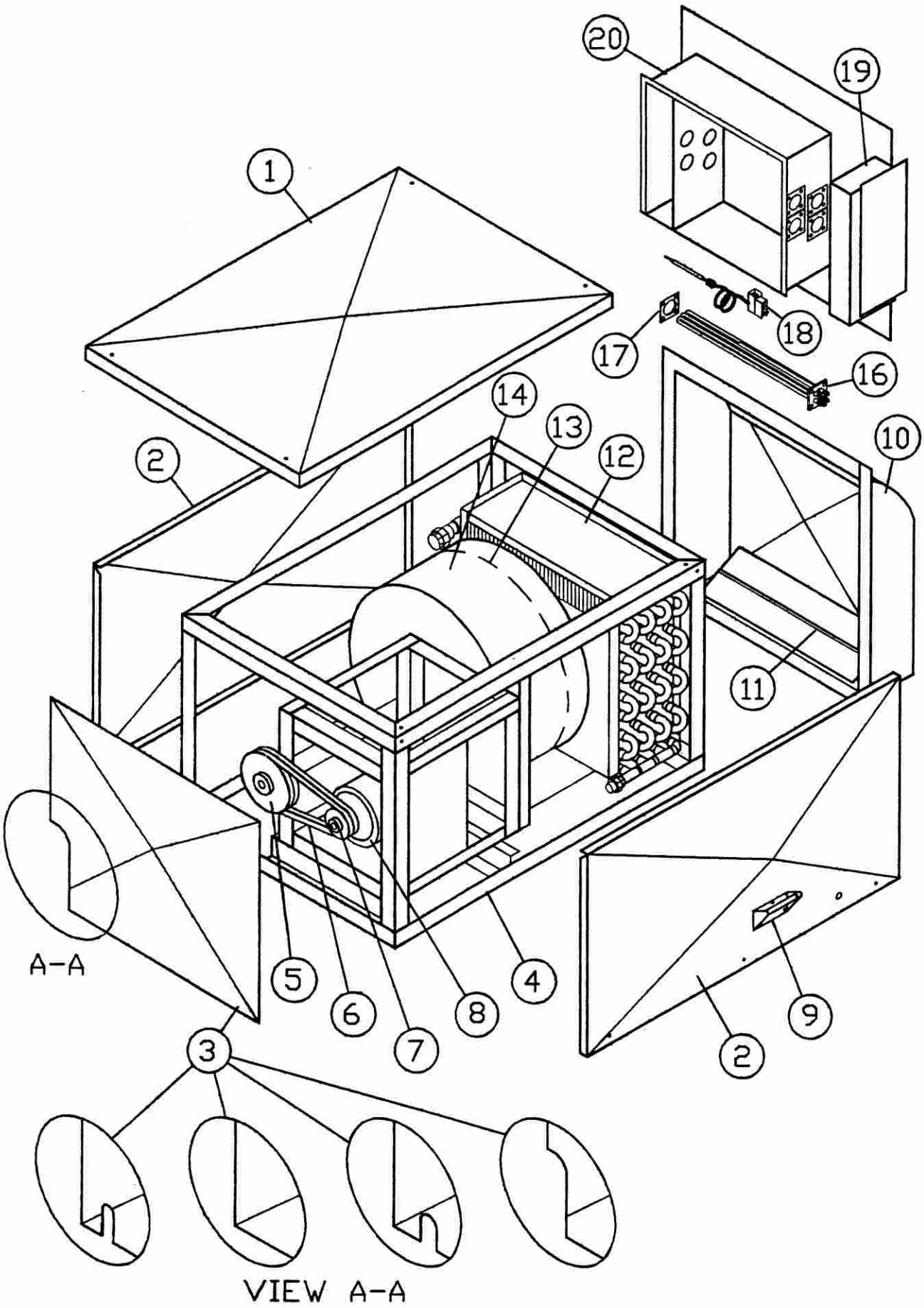
* TO ORDER – SUPPLY MACHINE MODEL AND SERIAL NUMBER


1
2
3

ELECTRIC HEAT

ITEM	DESCRIPTION	REMARKS	PART NO.
1	FLANGE		B10–1502
2	GASKET		A57–1114
3	HEATING ELEMENT 208 VOLT 5KW		P55–1131
	HEATING ELEMENT 220 VOLT 5KW		P55–1132
	HEATING ELEMENT 480 VOLT 5KW		P55–1133

* TO ORDER SUPPLY MACHINE MODEL AND SERIAL NUMBER



VIEW A-A

BLOWER ASSEMBLY

ITEM	DESCRIPTION	REMARKS	PART NO.
1	TOP PANEL	*	B10-3045
2	SIDE PANEL	*	B10-3044
3	END PANEL	*	B10-3048
4	FRAME		C10-3039
5	PULLEY, DRIVEN		P66-2276
6	BELTS		P66-1288
7	PULLEY, DRIVE END		P66-2279
8	MOTOR, 2HP, 208-230/460 VOLTS FOOTED		P41-1719
9	HANDLE ASSY., STAIN. STEEL		A10-3314
10	INTAKE PANEL	*	B10-3047
11	DAMPER	*	A10-3050
12	STEAM RADIATOR ASSEMBLY	*	C10-3100
13	COLLAR		*
14	BLOWER UNIT	*	P41-1147
	THESE ITEMS USED ON ELECTRIC HEAT		
16	HEATING ELEMENT 208V, 5KW		P55-1131
	HEATING ELEMENT 230V, 5KW		P55-1132
	HEATING ELEMENT 480V, 5KW		P55-1133
17	GASKET		A57-1114
18	HIGH LIMIT CUT-OFF		P65-1188
19	HEATING ELEMENT COVER		*
20	ELECTRIC HEAT HOUSING ASSEMBLY 20KW	*	B10-4984

* TO ORDER SUPPLY MACHINE MODEL AND SERIAL NUMBER

PLUMBING COMPONENTS

STEAM BOOSTER TYPES

SPIREC ASSY.

THRUSH ASSY.

DOUCETTE ASSY.

HATCO ELECTRIC ASSY.

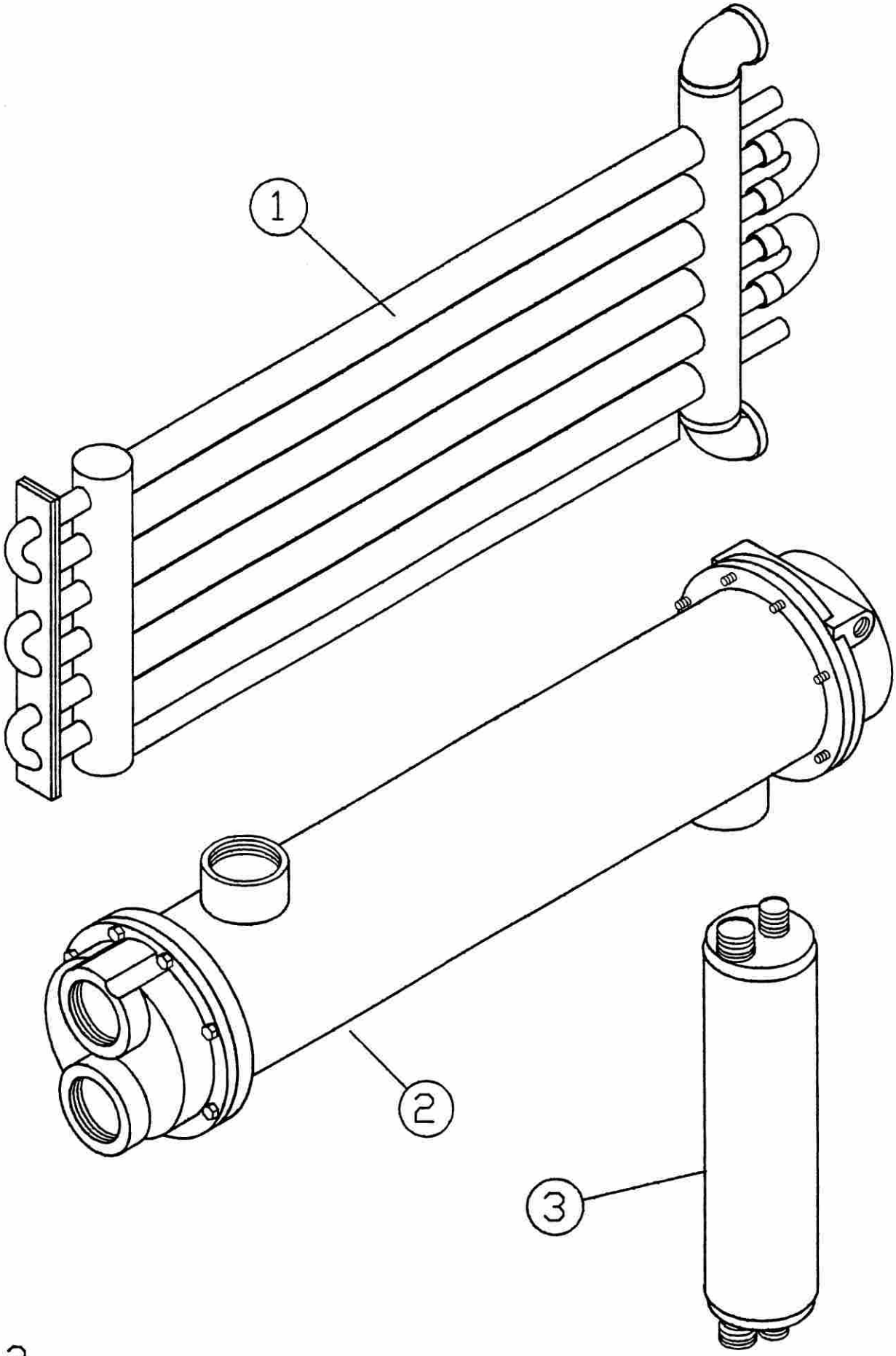
FINAL RINSE (KIT 55)

COMMON PLUMBING PARTS

OVER FLOW ASSY.

TEMP. GAUGE ASSY.

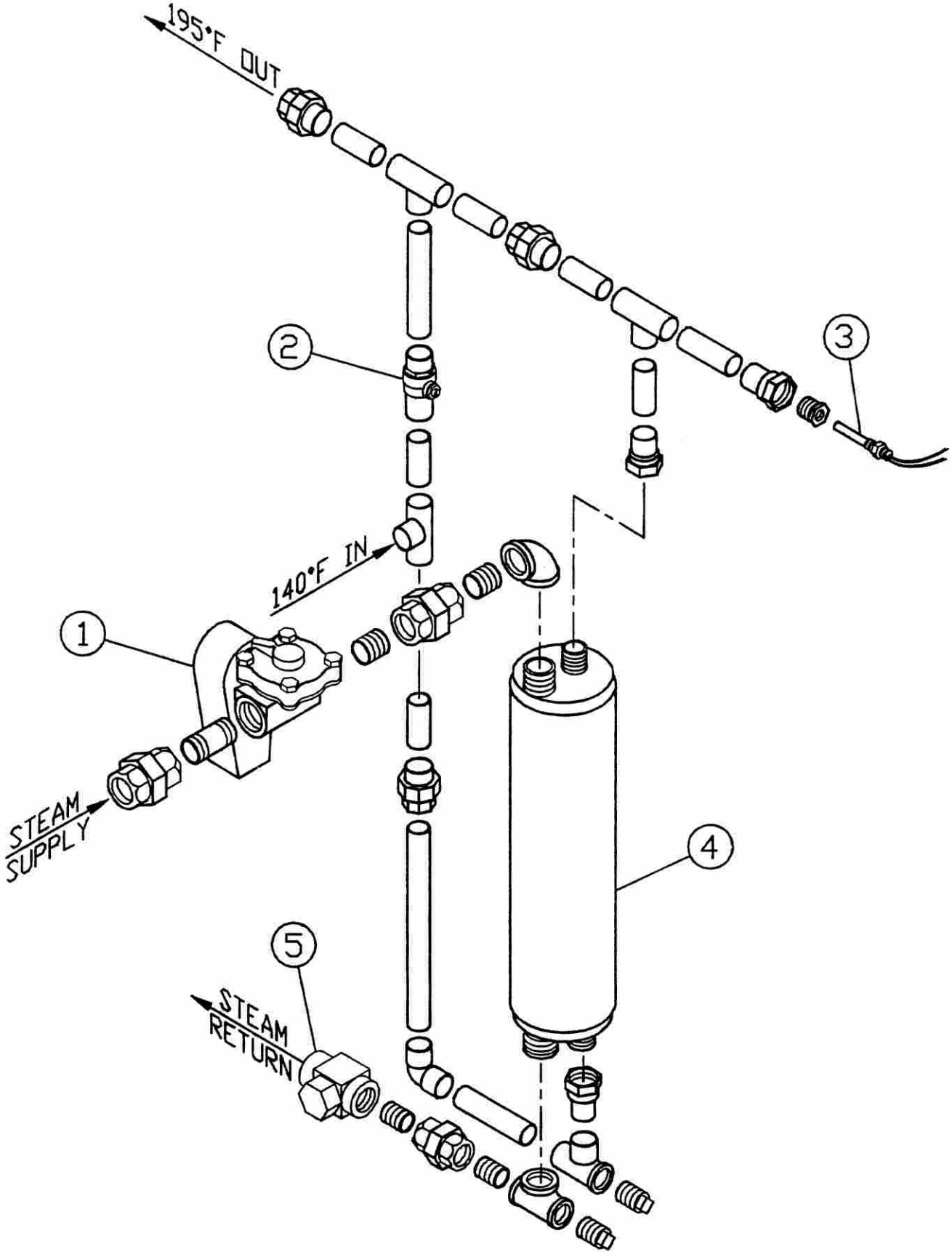
TYPICAL PLUMBING FITTINGS


1
2
3

STEAM BOOSTER TYPES

ITEM	DESCRIPTION	REMARKS	PART NO.
1	DOUCETTE CTZ-3.2		P64-2552
2	THRUSH MODEL # 380		P64-1963
	THRUSH MODEL # 320		P64-1962
	THRUSH MODEL # 260		P64-1961
	THRUSH MODEL # 180		P64-1960
3	SPIREC MODEL # K-1		P64-2810
	SPIREC MODEL # K-2		P64-2811
	SPIREC MODEL # K-3		P64-5160

* TO ORDER SUPPLY MACHINE MODEL AND SERIAL NUMBER

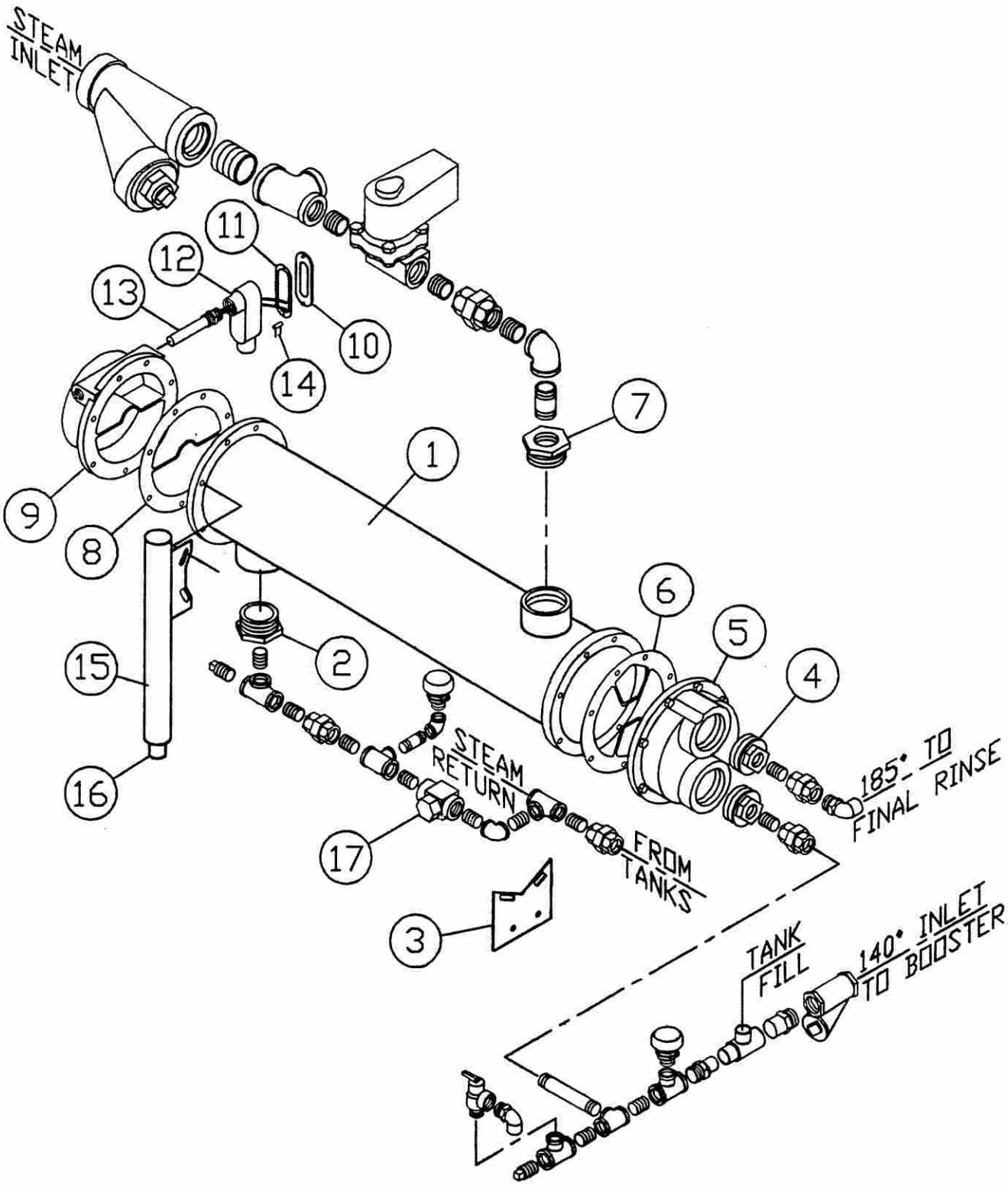


· PLUMBING PARTS NOT NOTED WILL BE FOUND IN COMMON PLUMBING PARTS SECTION

TYPICAL SPIREC ASSEMBLY

ITEM	DESCRIPTION	REMARKS	PART NO.
1	STEAM VALVE		P54-2840
2	MIXING VALVE		P68-2831
3	THERMOSTAT		P65-1183
4	K-1 STEAM BOOSTER		P64-2810
	K-2 STEAM BOOSTER		P64-2811
5	STEAM TRAP 3/4"		P61-1168
	STEAM TRAP 1/2"		P61-1169
	NOTE: THIS ASSEMBLY NO LONGER USED ON PRODUCTION MODELS, REPLACED BY THRUSH		

* TO ORDER SUPPLY MACHINE MODEL AND SERIAL NUMBER

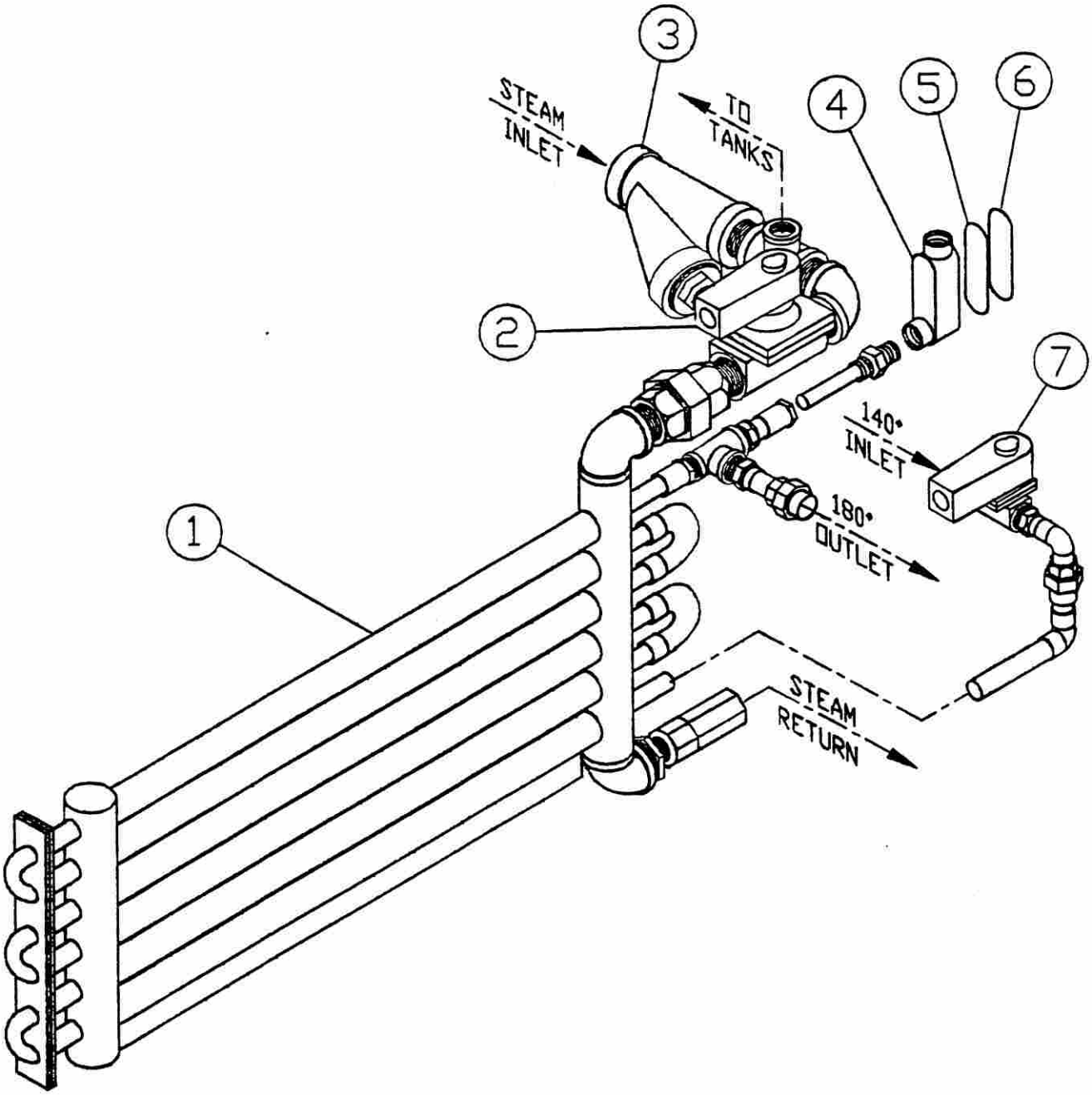


PLUMBING PARTS NOT NOTED
WILL BE FOUND IN COMMON
PLUMBING PARTS SECTION

TYPICAL THRUSH BOOSTER

ITEM	DESCRIPTION	REMARKS	PART NO.
1	HEAT EXCHANGER, # 180		P64-1960
	HEAT EXCHANGER, # 260		P64-1961
	HEAT EXCHANGER, # 320		P64-1962
	HEAT EXCHANGER, # 380		P64-1963
2	BUSHING, STEAM RETURN		P68-1608
3	BRACKET, MACHINE MOUNTING		A10-2332
4	BUSHING, INLET AND OUTLET		P68-1610
5	HEADER, FLOW END # 260 - 380		P64-1966
	HEADER, FLOW END # 180 ONLY		P64-1965
6	GASKET, FLOW END # 260 - 380		B57-2235
	GASKET, FLOW END # 180 ONLY		B57-2234
7	BUSHING, STEAM SUPPLY		P68-1607
8	GASKET, RETURN END # 260 - 380		B57-2236
	GASKET, RETURN END # 180 ONLY		B57-1278
9	HEADER, RETURN END # 260 - 380		C10-2237
	HEADER, RETURN END # 180 ONLY		P64-1964
10	COVER, UNILET 1/2"		P52-2019
11	GASKET, UNILET 1/2"		P52-2018
12	UNILET, BODY 1/2"		P52-2014
13	THERMOSTAT, CONTACTS OPEN ON RISE		P65-1183
14	CAPACITOR, .001 - 600V		P49-2461
15	LEG ASSY.		B10-2331
16	BULLET FOOT		P60-1101
17	3/4" SARCO STEAM TRAP		P61-1168
	1/2" SARCO STEAM TRAP		P61-1169

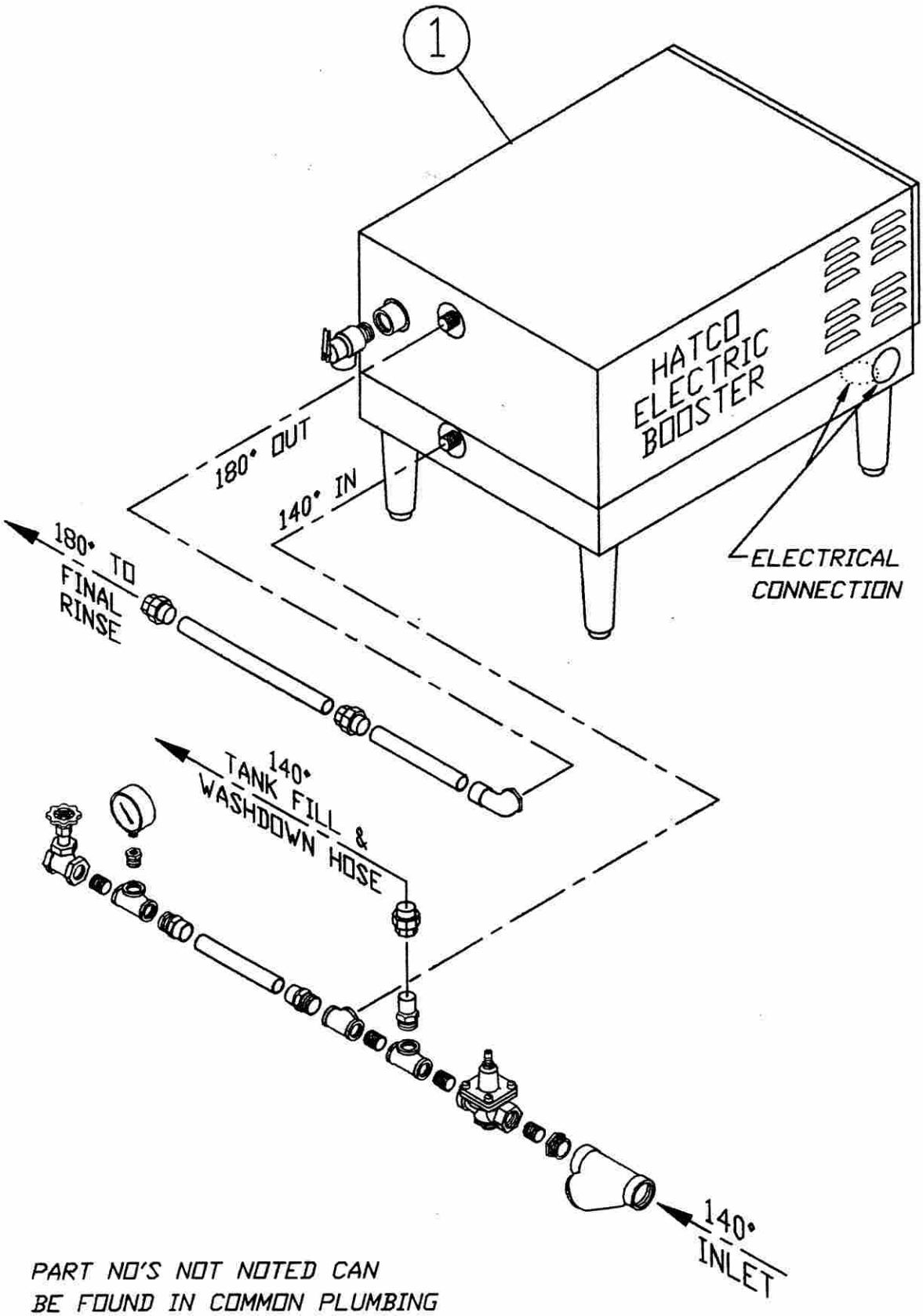
* TO ORDER SUPPLY MACHINE MODEL AND SERIAL NUMBER


3
STEAM
INLET
TO
TANKS
4
5
6
2
7
140°
INLET
180°
OUTLET
1
STEAM
RETURN

TYPICAL DOUCETTE ASSEMBLY

ITEM	DESCRIPTION	REMARKS	PART NO.
1	HEAT EXCHANGER CTZ 3.2		P64-2552
2	1-1/4" STEAM VALVE		P54-2819
3	1-1/4" LINE STRAINER		P63-1159
4	CONDUIT BOX		P52-2014
5	CONDUIT BOX GASKET		P52-2018
6	CONDUIT BOX COVER		P52-2019
7	3/4" VALVE		P54-2815

* TO ORDER SUPPLY MACHINE MODEL AND SERIAL NUMBER

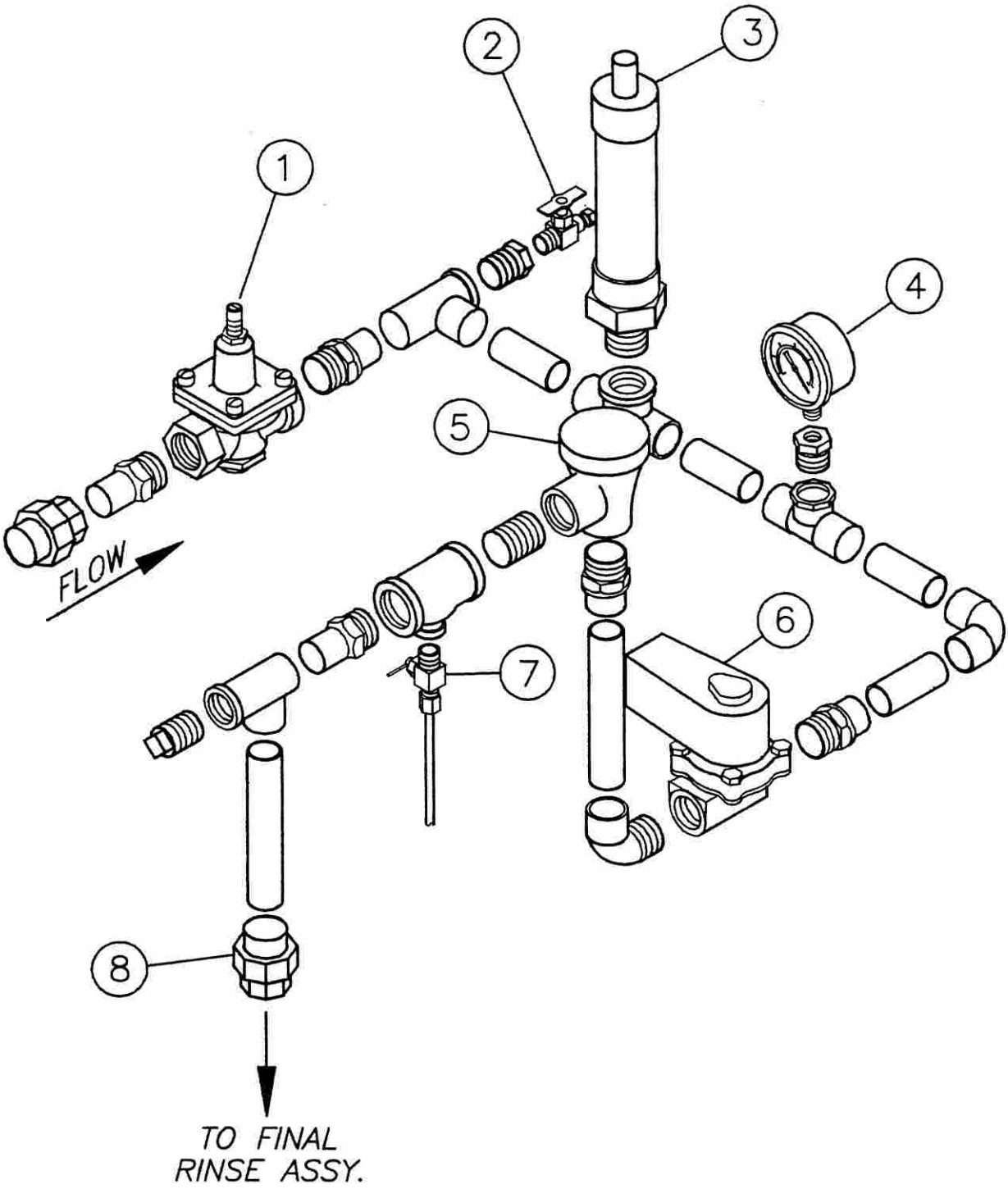


PART NO'S NOT NOTED CAN BE FOUND IN COMMON PLUMBING PARTS OR TYPICAL PLUMBING FITTINGS

TYPICAL HATCO ASSEMBLY

ITEM	DESCRIPTION	REMARKS	PART NO.
1	HATCO C-36 208 VOLT 36 KW		P64-2641
	HATCO C-36 240 VOLT 36 KW		P64-2642
	HATCO C-36 480 VOLT 36 KW		P64-2643
	HATCO C-45 208 VOLT 45 KW		P64-2798
	HATCO C-45 240 VOLT 45 KW		P64-2799
	HATCO C-45 480 VOLT 45 KW		P64-2800
	HATCO C-54 208 VOLT 54 KW		P64-2647
	HATCO C-54 240 VOLT 54 KW		P64-2648
	HATCO C-54 480 VOLT 54 KW		P64-2649
	OTHER MODELS AND SIZES AVAILABLE		

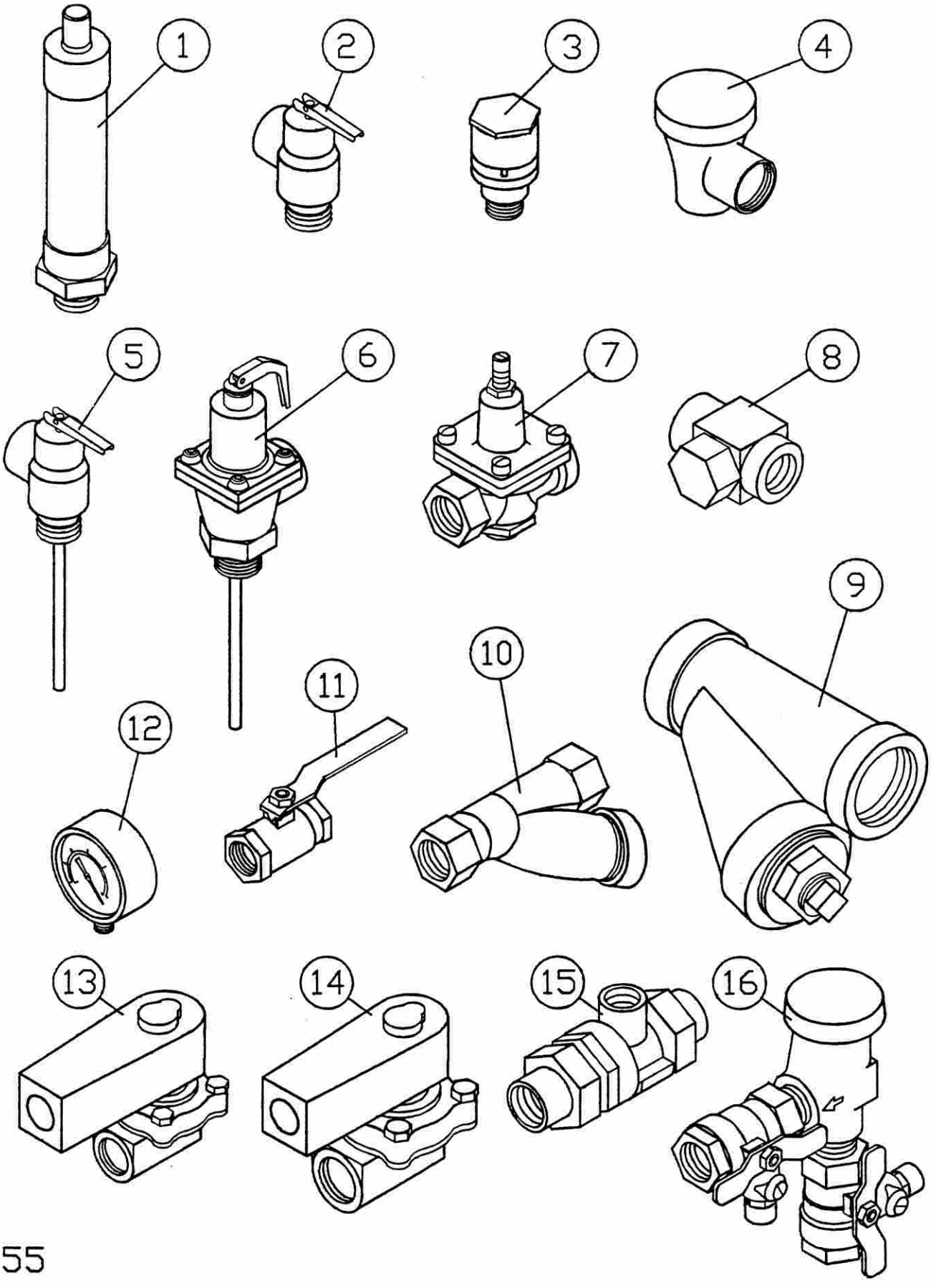
* TO ORDER SUPPLY MACHINE MODEL AND SERIAL NUMBER


1
2
3
4
5
6
7
8
FLOW
TO FINAL
RINSE ASSY.

FINAL RINSE WITH KIT 55

ITEM	DESCRIPTION	REMARKS	PART NO.
1	PRESSURE REDUCING VALVE 3/4"		P62-1166
2	INSPECTION VALVE 1/4" MIP x 1/4" FIP		P68-1511
3	SHOCK STOP 3/4"		P68-2250
4	PRESSURE GAUGE		P65-1136
5	VACUUM BREAKER 3/4"		P62-1149
6	SOLENOID VALVE 3/4"		P54-2815
7	NEEDLE VALVE 1/4" MPT x 1/4" TUBE		P68-1532
8	UNION 3/4" CxC		P68-1446

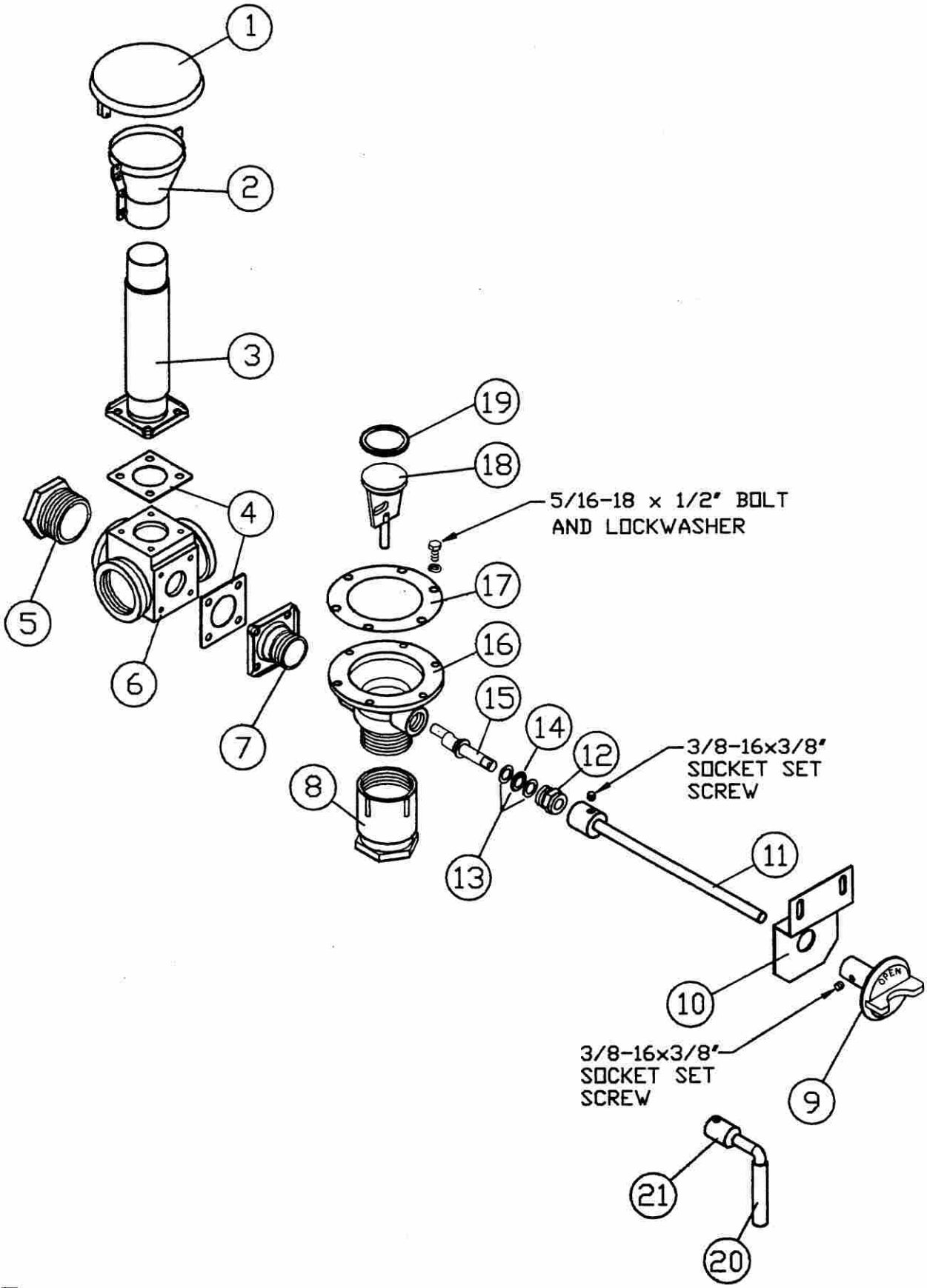
* TO ORDER SUPPLY MACHINE MODEL AND SERIAL NUMBER


1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16

COMMON PARTS PLUMBING

ITEM	DESCRIPTION	REMARKS	PART NO.
1	SHOCK STOP, 3/4"		P68-2250
2	VALVE, PRESSURE RELIEF # 3L 3/4"		P62-1171
3	VALVE, VACUUM RELIEF 1/2"		P62-1170
4	VACUUM BREAKER, 3/4"	A	P62-1149
5	VALVE, PRESSURE & TEMP RELIEF #100XL		P62-1174
6	VALVE, HI TEMP AND PRESSURE RELIEF #40XL		P62-1173
7	VALVE, PRESSURE REDUCING 3/4"	B	P62-1166
8	STEAM TRAP, 1/2"		P61-1169
	STEAM TRAP, 3/4"		P61-1168
9	LINE STRAINER, BLACK IRON 1-1/4"	C	P63-1159
	LINE STRAINER, BLACK IRON 1"	D	P63-1158
	LINE STRAINER, BLACK IRON 2"	E	P63-1160
10	LINE STRAINER, BRASS 3/4"	F/G	P63-1115
11	BALL VALVE, 1/2"		P68-1182
	BALL VALVE, 3/4"		P68-2453
12	GAUGE, PRESSURE 0-100 PSI		P65-1136
13	VALVE, SOLENOID PISTON 3/4" 120V (ASCO)	H/I **	P54-2815
	VALVE, SOLENOID PISTON 3/4" 208/240V (ASCO)	H/I **	P54-2816
14	VALVE, SOLENOID DIAPHRAM 1" 120V STEAM (ASCO)	J/K	P54-2840
	VALVE, SOLENOID DIAPHRAM 1" 208V STEAM (ASCO)	J/K	P54-2841
15	BACKFLOW PREVENTER, 9D		P62-1918
16	BACKFLOW PREVENTER, REPLACED ITEM 15 ON 3/93		P62-5528
A	REPAIR KIT		P62-1164
B	REPAIR KIT		P62-5518
	REPAIR KIT, OLD STYLE VALVE LENGTH 4 3/8"		P62-1167
C	REPLACEMENT SCREEN 1-1/4"		P63-1162
D	REPLACEMENT SCREEN 1"		P63-1161
E	REPLACEMENT SCREEN 2"		P63-1163
F	REPLACEMENT SCREEN 3/4"		P63-1117
G	REPLACEMENT O RING		P57-1148
H	REPAIR KIT		P54-2821
I	REPLACEMENT COIL 120 VOLTS		P54-2808
	REPLACEMENT COIL 208/240 VOLT		P54-2825
J	REPAIR KIT		P54-2842
K	REPLACEMENT COIL 120 VOLTS		P54-2859
	REPLACEMENT COIL 208 VOLTS		P54-2860
	REPLACEMENT COIL 240 VOLTS		P54-2861
	ASCO STEAM REPLACEMENT COIL 120V 3/4 - 1-1/4"		P54-1074
	ASCO STEAM REPLACEMENT COIL 208V 3/4 - 1-1/4"		P54-1075
	ASCO STEAM REPLACEMENT COIL 240V 3/4 - 1-1/4"		P54-1076
	ASCO 3/4" STEAM REPAIR KIT		P54-1077
	ASCO 1-1/4" STEAM REPAIR KIT		P54-1081
	SKINNER STEAM REPLACEMENT COIL 120V 3/4-1-1/4		P54-1065
	SKINNER STEAM REPLACEMENT COIL 208V 3/4-1-1/4		P54-1066
	SKINNER 3/4" REPAIR KIT		P54-1067
	SKINNER 1-1/4" REPAIR KIT STEAM		P54-1070
	** CAN BE USED STEAM OR HOT WATER		

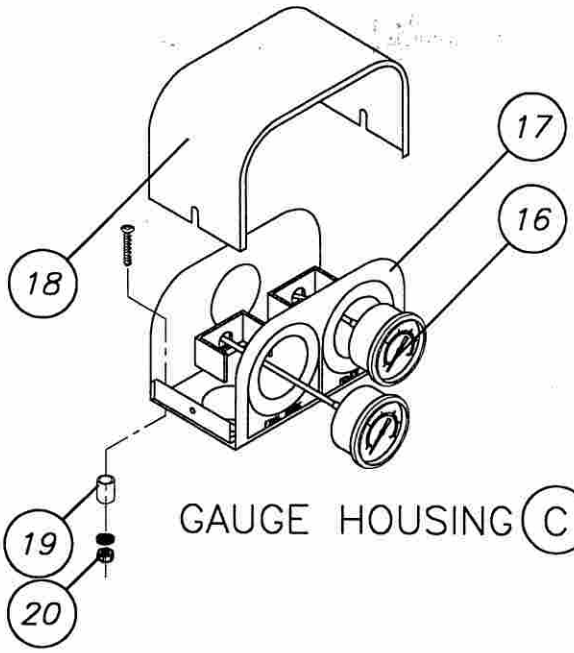
* TO ORDER SUPPLY MACHINE MODEL AND SERIAL NUMBER


1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
5/16-18 x 1/2" BOLT
AND LOCKWASHER
3/8-16x3/8"
SOCKET SET
SCREW
3/8-16x3/8"
SOCKET SET
SCREW
OPEN

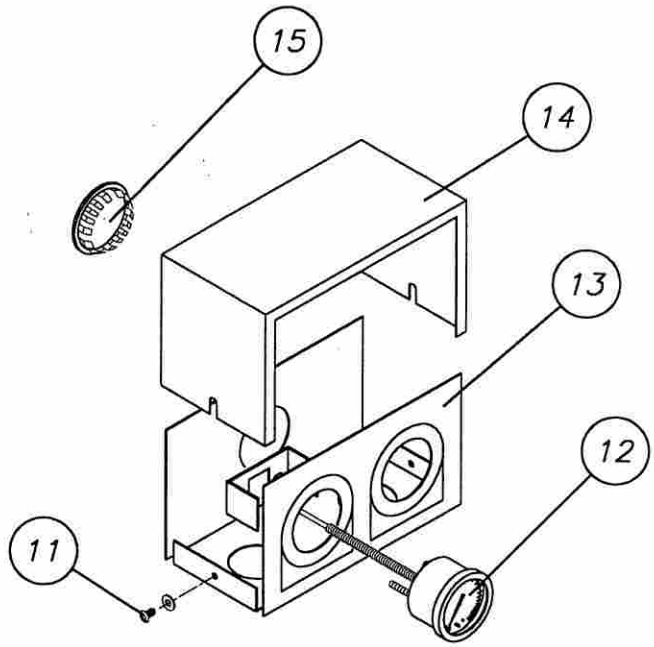
DRAIN AND OVERFLOW

ITEM	DESCRIPTION	REMARKS	PART NO.
1	COVER, OVERFLOW FUNNEL		A10-1874
2	FUNNEL, OVERFLOW ASSEMBLY		A10-1873
3	OVERFLOW, STANDPIPE TO FUNNEL		A10-1889
4	GASKET, "U"		A57-1114
5	PIPE PLUG, PVC 2"		P68-1698
6	TEE, OVERFLOW DRAIN		B10-1871
7	ADAPTOR, ASSEMBLY DRAIN TEE		A10-3305
8	CAP, 2" DRAIN VALVE ASSEMBLY		A10-2067
9	HANDLE, DRAIN NEW STYLE		A10-4732
10	BRACKET, DRAIN HANDLE		B10-1927
11	SHAFT, CROSS OVER 12 1/2" LONG		B10-2909
12	NUT, WASTE VALVE GLAND		A10-1182
13	PACKING RING, WASTE VALVE		A10-1183
14	"O" RING, #311 PACKING 2 REQUIRED		P57-2787
	PACKING, IF "O" RING NOT USED		A57-1195
15	ARM, WASTE VALVE ECCENTRIC		A10-1184
16	VALVE, WASTE BODY ONLY		C10-1193
17	GASKET, WASTE VALVE "D"		A57-1194
18	VALVE AND STEM		A10-1189
19	"O" RING, #327		P57-1057
20	SLEEVE, PLASTIC HANDLE		P57-2826
	WASTE VALVE COMPLETE ITEMS 12, 13, 14, 15, 16, 18, &19		A10-1251
	OVERFLOW ASSEMBLY INCLUDES 1, 2, 3, 4, 6, &7		A10-1875
	NOTE: WHEN ORDERING ALWAYS SUPPLY MACHINE		
	SERIAL AND MODEL NUMBER		

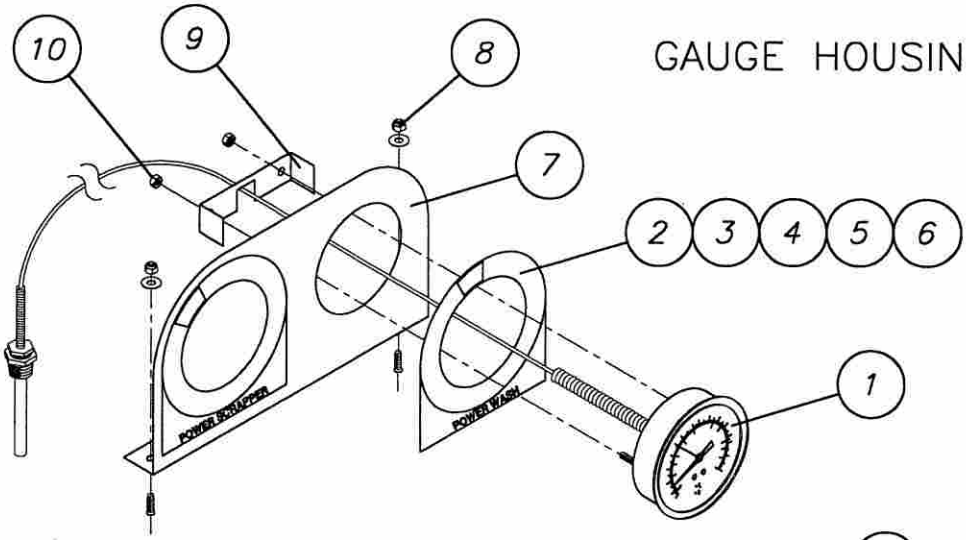
* TO ORDER SUPPLY MACHINE MODEL AND SERIAL NUMBER



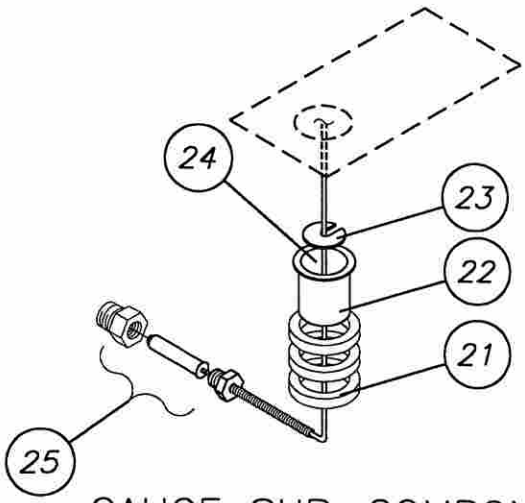
GAUGE HOUSING (C)



GAUGE HOUSING (B)



GAUGE ASSEMBLY (A)

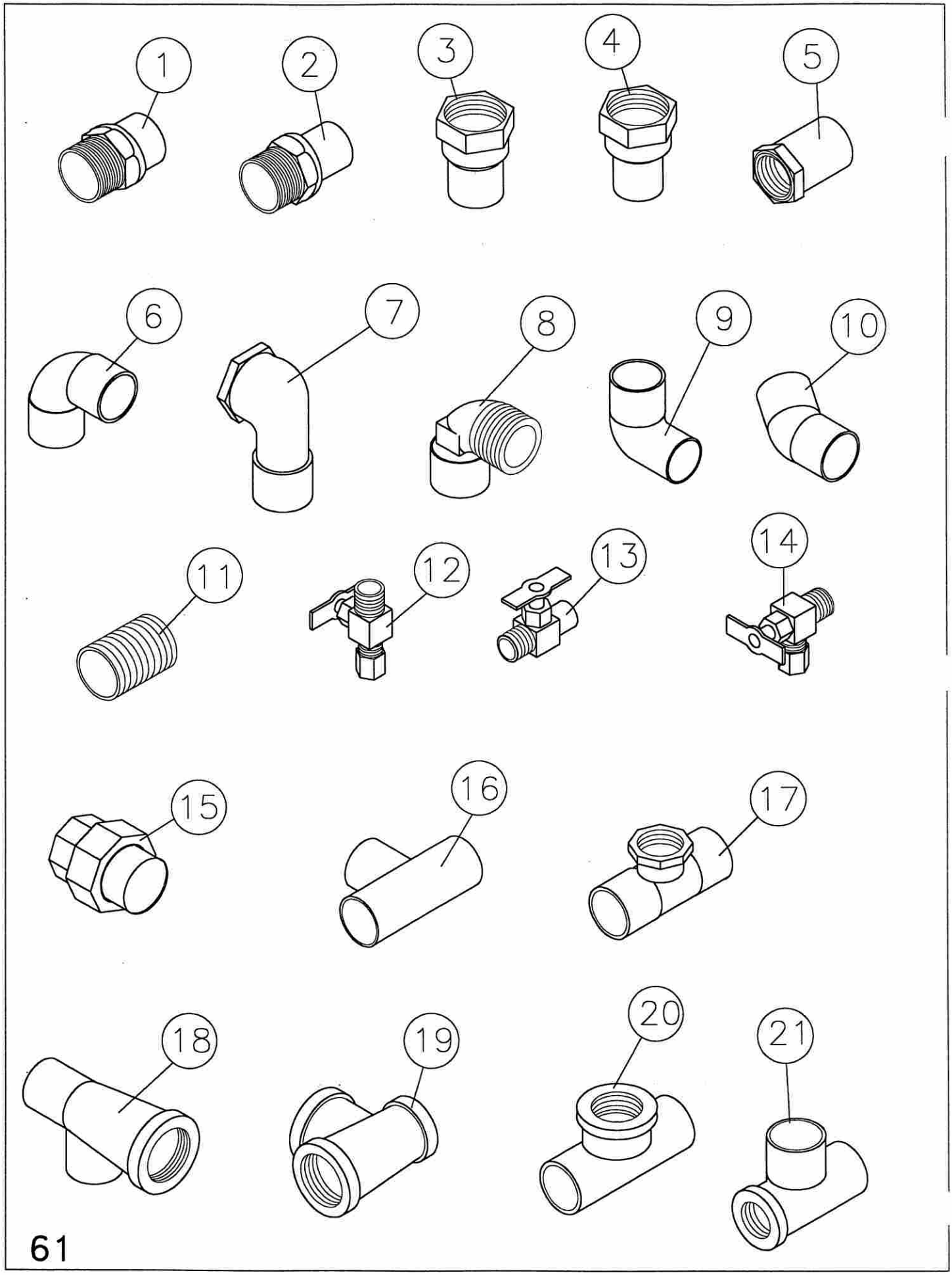


GAUGE SUB–COMPONENTS

TYPICAL GAUGE ASSEMBLY

ITEM	DESCRIPTION	REMARKS	PART NO.
1	GAUGE, [HOUSING A] 3 5/8" TEMPERATURE		P65-6105
2	DECAL, POWER WASH		A69-6101
3	DECAL, POWER SCRAPPER		A69-6099
4	DECAL, POWER WASH TANK		A69-6103
5	DECAL, POWER RINSE TANK		A69-6100
6	DECAL, FINAL RINSE		A69-6102
7	PANEL, 3 5/8" FRONT GAUGE		A10-6113
8	NUT, 1/4-20 NYLOCK AND WASHER		S67074
9	BRACKET, GAUGE MOUNTING		Included
10	NUT, 10-32 HEX NUT S.S.		S67198
11	SCREW, 12-24 x 3/8" RHMS AND WASHER		S67213
12	GAUGE, [HOUSING B] TEMPERATURE ASSEMBLY		P65-1135
13	PANEL, FRONT GAUGE HOUSING		B10-2149B
14	COVER, GAUGE HOUSING		B10-2148B
15	PLUG, 2" CHROME PLATED CAP		P67-2619
16	GAUGE, [HOUSING C] TEMPERATURE ASSEMBLY		P65-1135
17	PANEL, FRONT GAUGE HOUSING-ROUND		B10-2149A
18	COVER, GAUGE HOUSING-ROUND		B10-2148A
19	SPACER, STAND OFF LEGS		A10-2070
20	NUT, 12-24 NYLOCK AND WASHER		S67207
21	RINGS, NEOPREME		A57-2156
22	CUP, SEAL FOR GAUGE		A10-2150
23	WASHER, CUP SEAL		A10-2155
24	PUTTY, SEALANT		P57-1878
25	GAUGE, ASSEMBLY		Included

* TO ORDER SUPPLY MACHINE MODEL AND SERIAL NUMBER


1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21

TYPICAL PLUMBING FITTINGS

ITEM	DESCRIPTION	REMARKS	PART NO.
1	ADAPTOR, 3/4" CxM		P68-1430
2	ADAPTOR, 3/4" FTGxM		P68-1431
3	ADAPTOR, 3/4" CxF		P68-1432
4	ADAPTOR, 3/4" FTGxF		P68-1433
5	ADAPTOR, 3/4x1/2" CxF		P68-1436
6	ELBOW, 90° 3/4" CxC		P68-1440
7	ELBOW, 90° 3/4" CxF		P68-1465
8	ELBOW, 90° 3/4" CxM		P68-1466
9	ELBOW, 90° 3/4" FTGxC		P68-1441
10	ELBOW, 45° 3/4" CxC		P68-1438
11	NIPPLE, 3/4"xCLOSE BRASS		P68-1527
12	VALVE, NEEDLE 1/4"MPTx1/4"TUBE STRAIGHT		P68-1532
13	VALVE, INSPECTION 1/4"MPTx1/4"FPT		P68-1511
14	VALVE, NEEDLE 1/4"MPTx1/4"TUBE 90°		P68-1533
15	UNION, 3/4" CxC		P68-1446
16	TEE, 3/4" CxCxC		P68-1447
17	TEE, 3/4" CxCxF		P68-1448
18	TEE, 3/4" CxFxC		P68-1458
19	TEE, REDUCING 3/4x1/2x3//4" BRASS		P68-1460
20	TEE, 3/4x3/4x1/2" CxCxF		P68-1449
21	TEE, 3/4x1/2x3/4" CxFxC		P68-1429

* TO ORDER SUPPLY MACHINE MODEL AND SERIAL NUMBER

ELECTRICAL COMPONENTS

TYP. CONTROL PANEL ASSY.

OLD CONTROL PANEL ASSY.

CONTROL BOX ASSY.

BREAKER BOX ASSY.

TYP. BOX ASSY.

TYP. BOX ASSY. (U.D.T.)

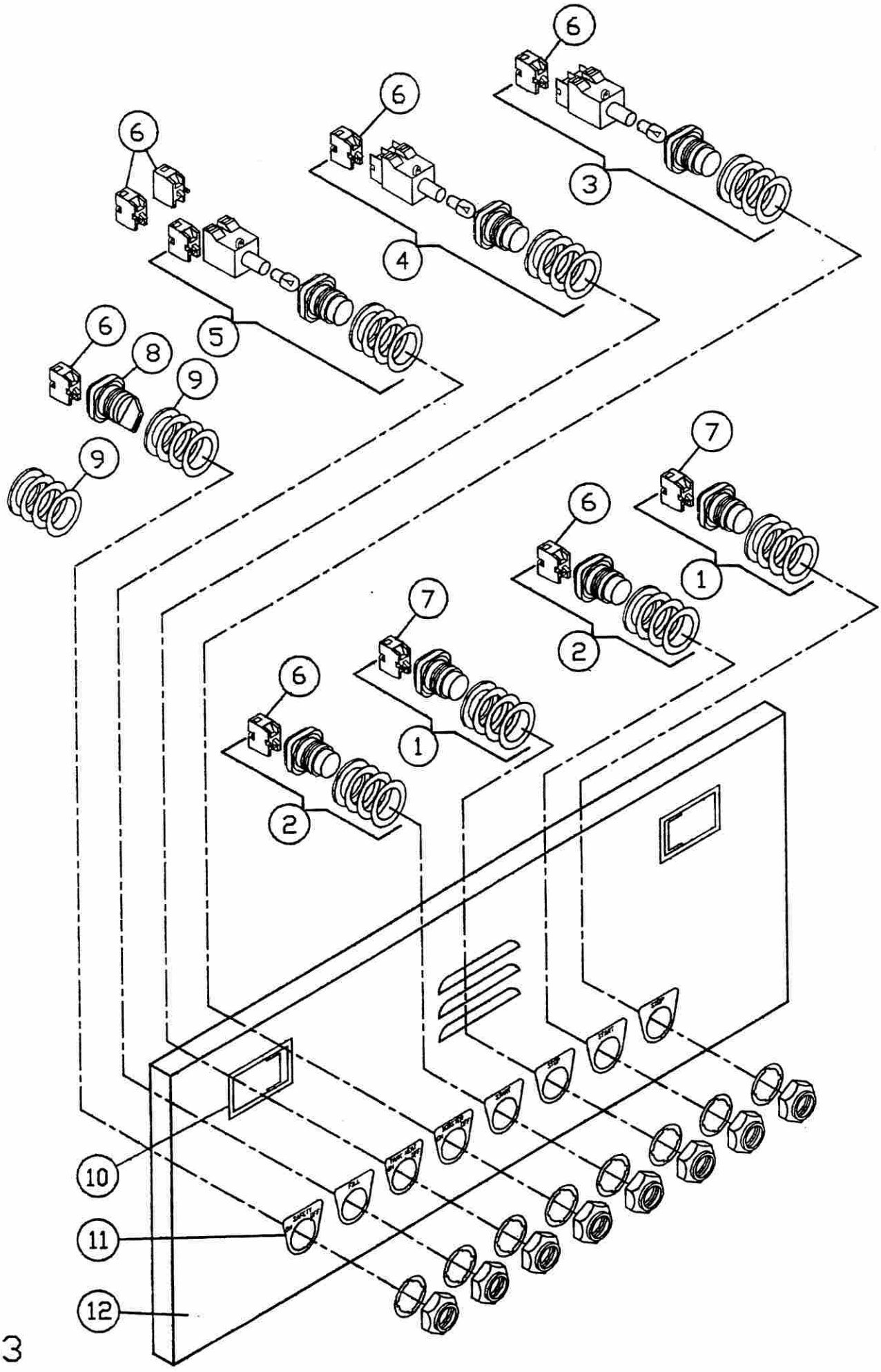
START/STOP ASSY.

VARIABLE SPEED CONTROLLER

FLOAT SWITCH ASSY.

THERMOSTSATS

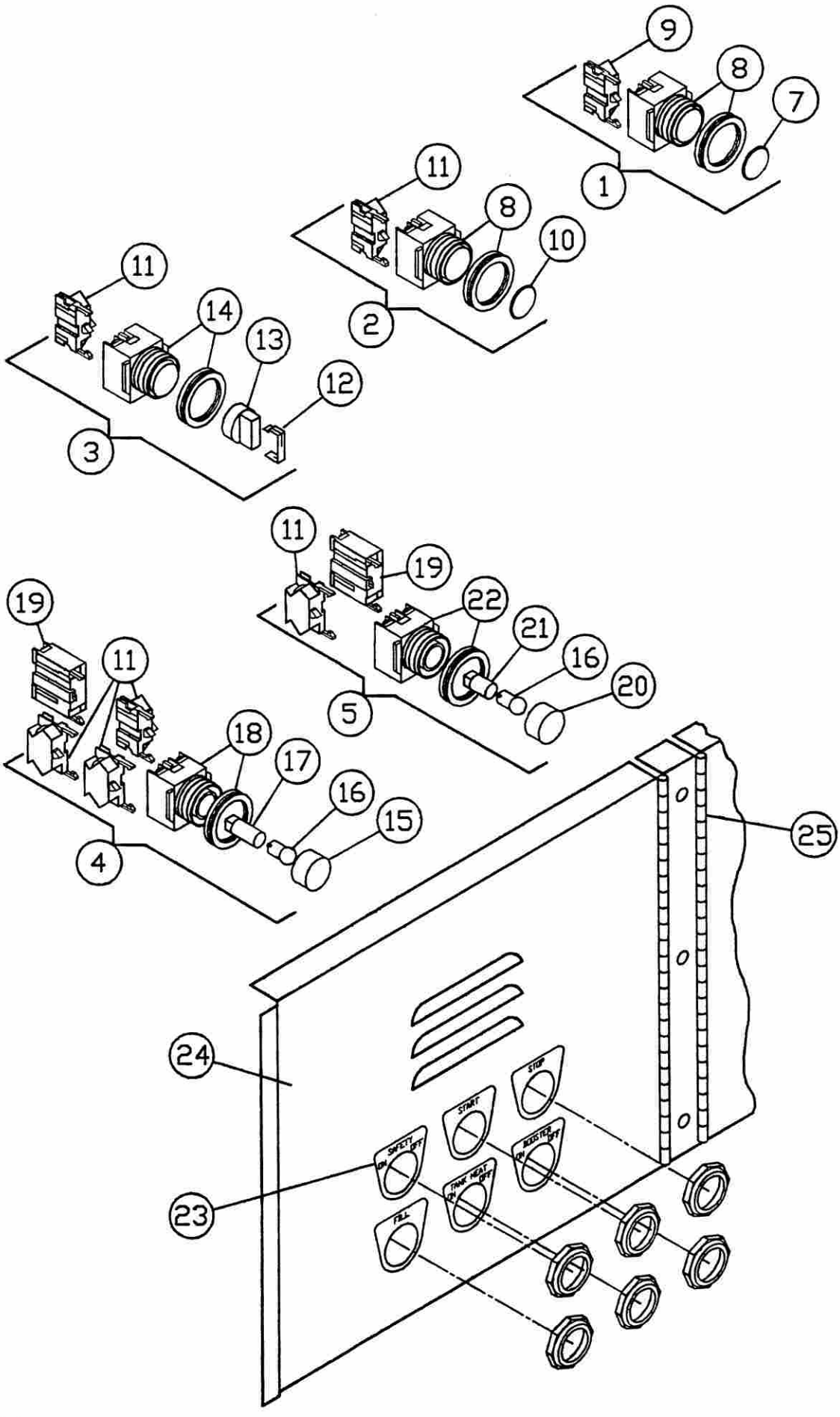
TYP. ELECTRICAL FITTINGS


6
6
6
6
3
4
5
6
8
9
9
7
6
1
2
7
6
1
2
10
11
12

TYP. CONTROL PANEL ASSY.

ITEM	DESCRIPTION	REMARKS	PART NO.
1	SWITCH START ASSEMBLY		P49-5064
2	SWITCH STOP ASSEMBLY		P49-5065
3	SWITCH BOOSTER		P49-5069
4	SWITCH TANK HEAT		P49-5069
5	SWITCH TANK FILL SINGLE TANK		P49-5073
6	CONTACT BLOCK N/O		P49-5066
7	CONTACT BLOCK N/C		P49-5067
8	SELECTOR SWITCH 2 POSITION		P49-5068
9	SPACER RINGS		P49-5072
10	DECAL SAFETY ON - OFF		A69-4148
	DECAL FILL		A69-4139
	DECAL TANK HEAT		A69-4315
	DECAL BOOSTER		A69-4141
	DECAL START PUMP		A69-4313
	DECAL STOP PUMP		A69-4314
	DECAL START CONVEYOR		A69-4149
	DECAL STOP CONVEYOR		A69-4150
11	DOOR LATCH		P69-1205
12	DOOR, CONTROL BOX	*	B10-2813

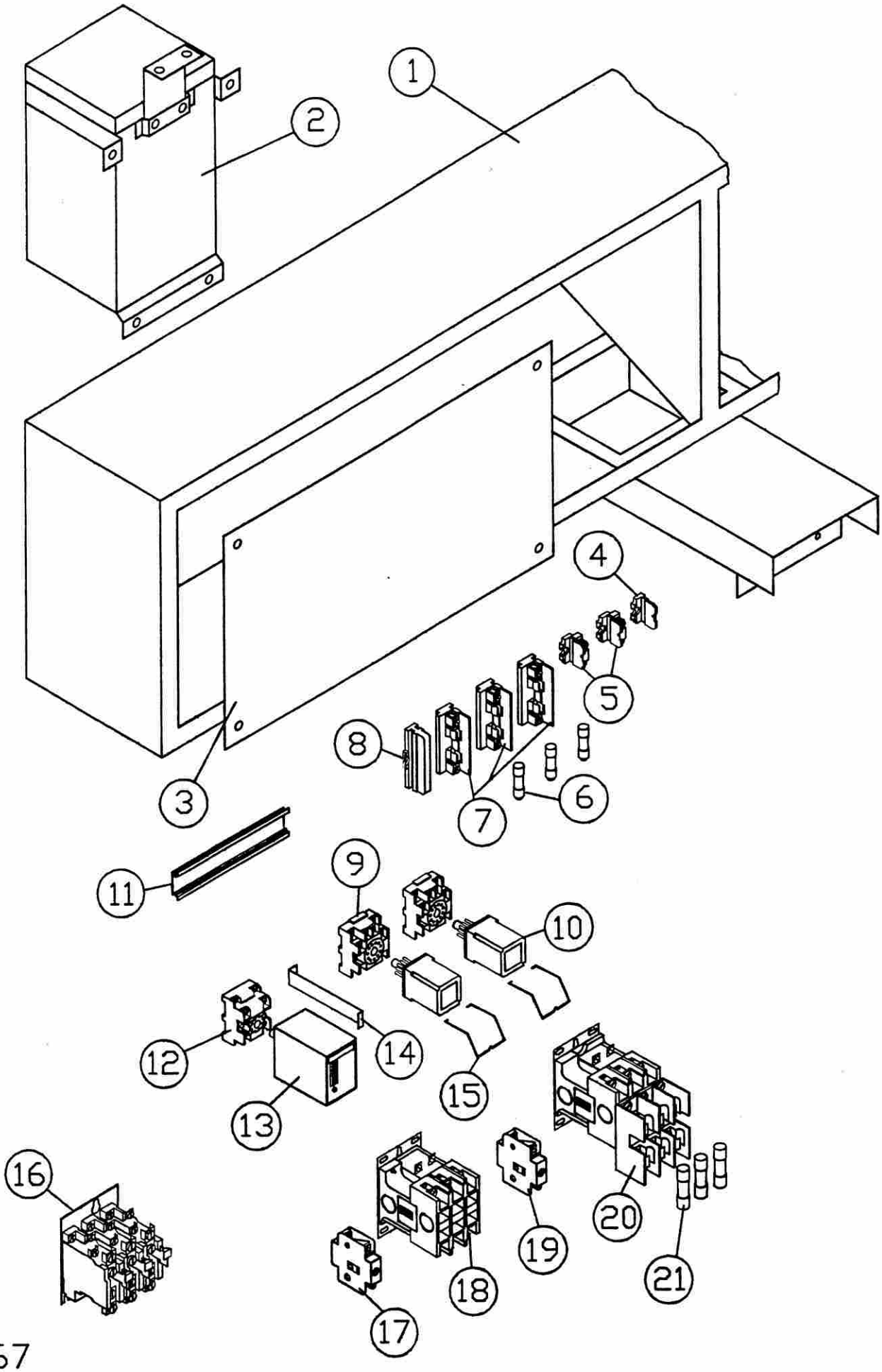
* TO ORDER SUPPLY MACHINE MODEL AND SERIAL NUMBER


9
8
7
1
11
8
10
2
11
14
13
12
3
11
19
22
21
16
20
5
19
11
18
17
16
15
4
25
24
23
STOP
START
SAFETY
BLOCKER
TANK HEAT
FILL

OLD CONTROL PANEL ASSY.

ITEM	DESCRIPTION	REMARKS	PART NO.
1	STOP SWITCH ASSEMBLY		A10-1937
2	START SWITCH ASSEMBLY		A10-1936
3	SAFETY SWITCH ASSEMBLY		A10-1930
4	FILL SWITCH ASSEBMLY 3 TANK		A10-3734
5	TANK HEAT SWITCH ASSEMBLY		A10-1934
6	BOOSTER SWITCH ASSEMBLY		A10-4876
7	BUTTON, RED		P49-1315
8	PUSH BUTTON SWITCH		P49-1305
9	CONTACT BLOCK N/C		P49-1304
10	BUTTON, BLACK		P49-1314
11	CONTACT BLOCK N/O		P49-1303
12	COLOR INSERT WHITE		P49-1317
13	CONTROL KNOB		P49-1316
14	SELECTOR SWITCH 2 POSITION		P49-1306
15	LENS, GREEN		P49-1312
16	LAMP		P49-1322
17	LAMP HOLDER LONG		P49-1318
18	PUSH BUTTON SWITCH ILLUMINATED		P49-1310
19	TRANSFORMER 110 VOLTS		P49-1301
20	LENS, RED		P49-1311
21	LAMP HOLDER SHORT		P49-1319
22	PUSH BUTTON SWITCH MAINTAINED ILLUMINATED		P49-1308
23	DECAL SAFETY ON - OFF		A69-4148
	DECAL START		A69-1429
	DECAL STOP		A69-4138
	DECAL FILL		A69-4139
	DECAL TANK HEAT		A69-4315
	DECAL BOOSTER		A69-4141
24	CONTROL PANEL DOOR	*	B10-2813
25	PANEL HINGE SPECIFY LENGTH		P60-2522

* TO ORDER SUPPLY MACHINE MODEL AND SERIAL NUMBER

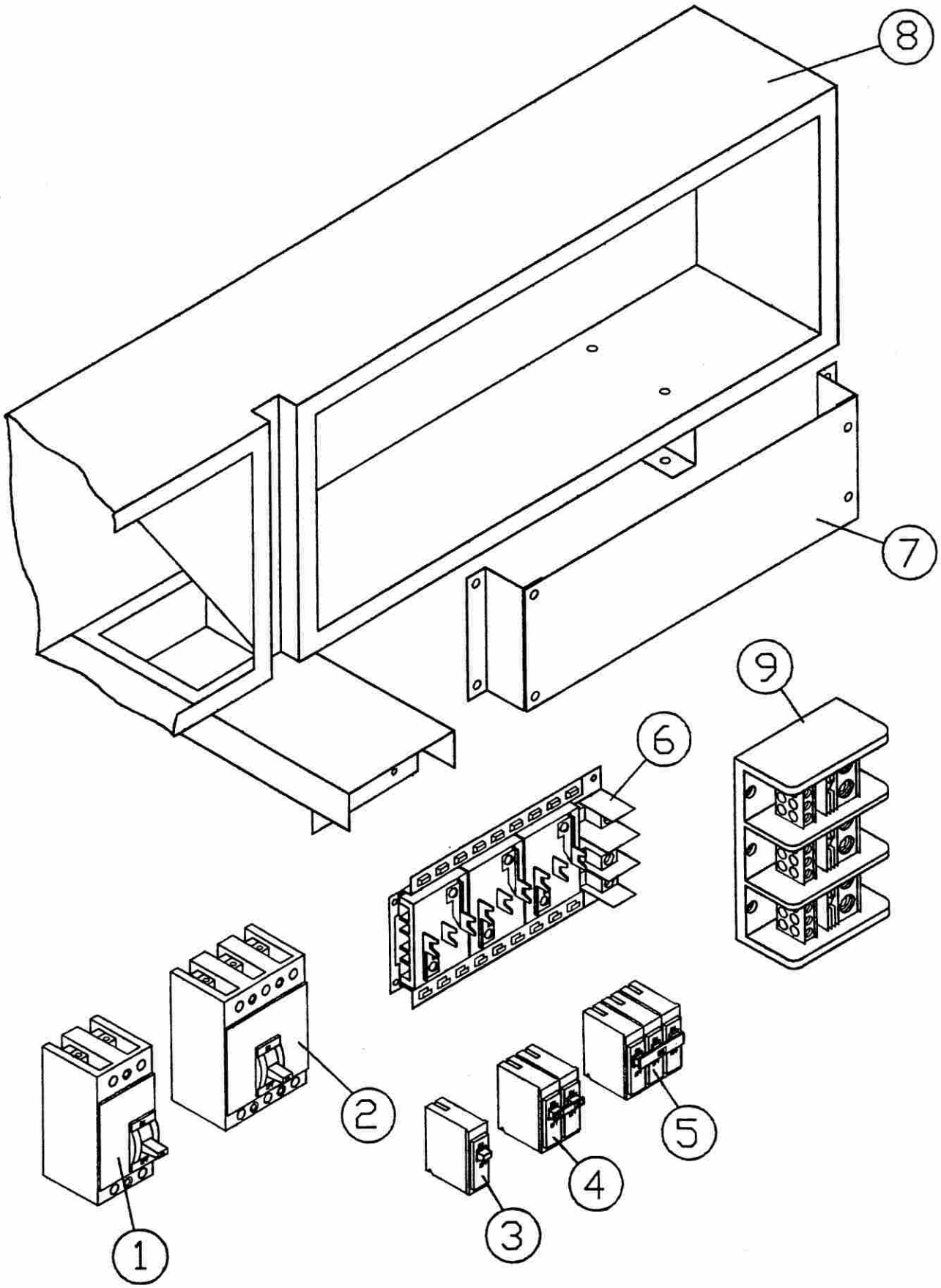

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21

CONTROL BOX ASSY.

ITEM	DESCRIPTION	REMARKS	PART NO.
1	CONTROL BOX 60"	*	C10-3738
2	TRANSFORMER 1KVA		P53-1733
	TRANSFORMER 2KVA		P53-1737
	TRANSFORMER 3KVA		P53-1734
3	BASE PLATE	*	A10-3090
4	TERMINAL END SECTION		P52-1100
5	TERMINAL SECTION		P52-1099
6	FUSE 10 AMPS KTK-R TYPE		P52-1855
	FUSE 20 AMPS KTK-R TYPE		P52-1856
7	FUSE BLOCK TERMINAL SECTION		P52-1870
8	FUSE BLOCK END SECTION		P52-1871
9	RELAY SOCKET 11 PIN		P47-2465
10	RELAY 3 POLE 115 VOLTS		P47-2464
11	DIN RAIL (SPECIFY LENGTH)		P47-1787
12	TIMER SOCKET 8 PIN		P47-1741
13	TIMER ADJUSTABLE		P47-1744
14	TIMER HOLD DOWN CLIP		A10-2104
15	RELAY HOLD DOWN CLIP		P47-2466
16	OVERLOAD RELAY	**	P47-1830
17	AUXILIARY CONTACTOR 1 N/O EB1		P47-1838
18	CONTACTOR 3 POLE 30 AMPS 115 VOLT		P47-1801
	CONTACTOR 3 POLE 40 AMPS 115 VOLT		P47-1805
19	AUXILIARY CONTACTOR 2 N/O EB3		P47-1840
20	CONTACTOR FUSED 3 POLE 40 AMPS 115 VOLT		P47-1821
21	FUSE 35 AMPS SC TYPE		P52-1748

** USED WITH BLOWER MOTOR

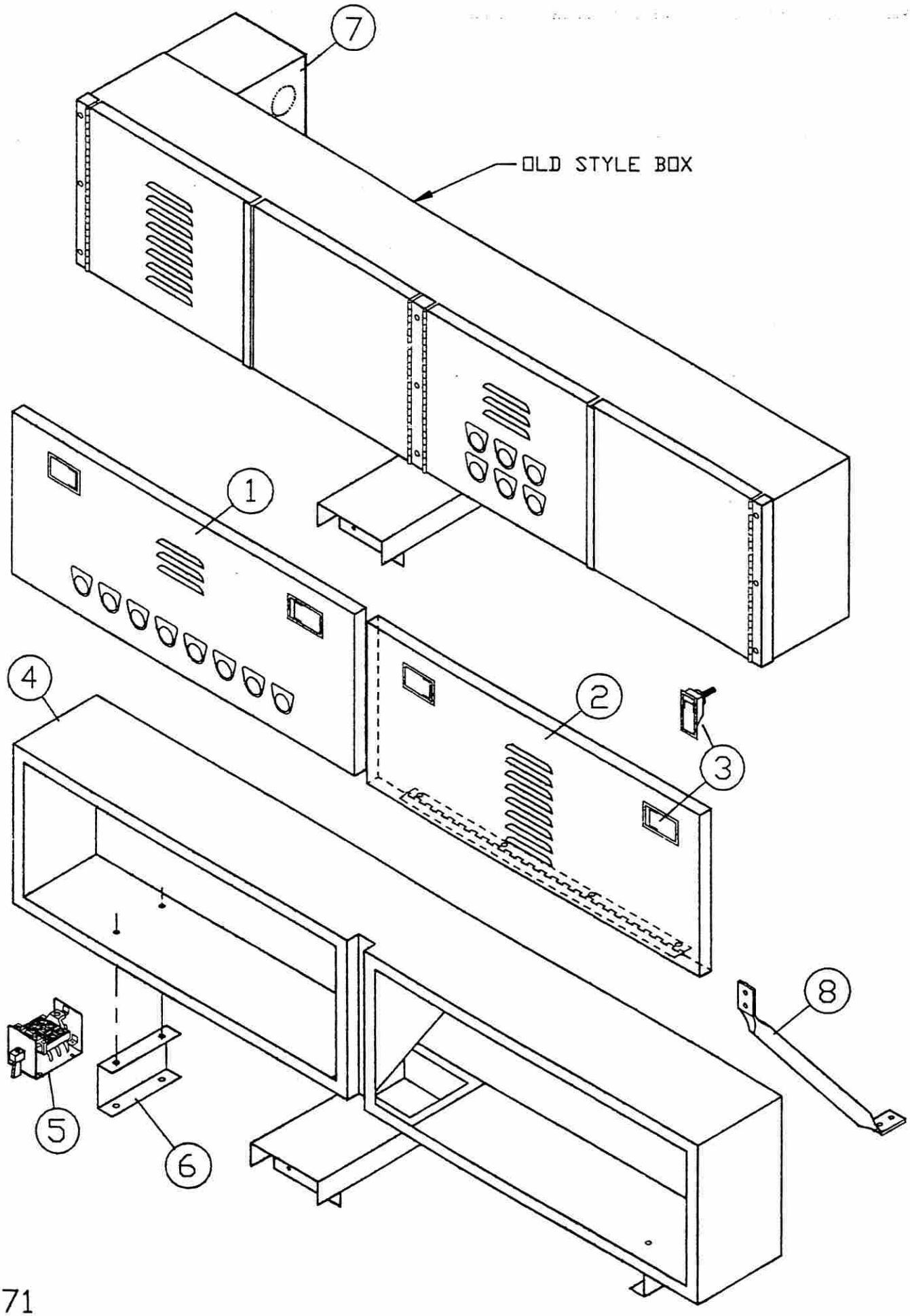
* TO ORDER SUPPLY MACHINE MODEL AND SERIAL NUMBER


8
7
9
6
2
1
3
4
5

BREAKER BOX ASSEMBLY

ITEM	DESCRIPTION	REMARKS	PART NO.
1	BREAKER, 2 POLE 15 AMPS 480 VOLTS		P48-1791
2	BREAKER, 3 POLE 15 AMPS 580 VOLTS		P48-1792
	BREAKER, 3 POLE 20 AMPS 480 VOLTS		P48-1793
	BREAKER, 3 POLE 30 AMPS 480 VOLTS		P48-1794
	BREAKER, 3 POLE 40 AMPS 480 VOLTS		P48-1795
	BREAKER, 3 POLE 50 AMPS 480 VOLTS		P48-1796
	BREAKER, 3 POLE 60 AMPS 480 VOLTS		P48-1797
	BREAKER, 3 POLE 70 AMPS 480 VOLTS		P48-1798
	BREAKER, 3 POLE 90 AMPS 480 VOLTS		P48-1799
	BREAKER, 3 POLE 100 AMPS 480 VOLTS		P48-1800
3	BREAKER, 1 POLE 15 AMPS 115/230 VOLTS		P48-1770
4	BREAKER, 2 POLE 15 AMPS 115/230 VOLTS		P48-1771
	BREAKER, 2 POLE 20 AMPS 115/230 VOLTS		P48-1772
	BREAKER, 2 POLE 30 AMPS 115/230 VOLTS		P48-1773
	BREAKER, 2 POLE 40 AMPS 115/230 VOLTS		P48-1774
	BREAKER, 2 POLE 60 AMPS 115/230 VOLTS		P48-1775
	BREAKER, 2 POLE 70 AMPS 115/230 VOLTS		P48-1776
	BREAKER, 2 POLE 90 AMPS 115/230 VOLTS		P48-1777
5	BREAKER, 3 POLE 15 AMPS 220 VOLTS		P48-1778
	BREAKER, 3 POLE 20 AMPS 220 VOLTS		P48-1779
	BREAKER, 3 POLE 30 AMPS 220 VOLTS		P48-1780
	BREAKER, 3 POLE 40 AMPS 220 VOLTS		P48-1781
	BREAKER, 3 POLE 50 AMPS 220 VOLTS		P48-1782
	BREAKER, 3 POLE 60 AMPS 220 VOLTS		P48-1783
	BREAKER, 3 POLE 70 AMPS 220 VOLTS		P48-1784
	BREAKER, 3 POLE 90 AMPS 220 VOLTS		P48-1785
	BREAKER, 3 POLE 100 AMPS 220 VOLTS		P48-1786
6	BASE PLATE 3 PHASE 200 AMPS 12 CIRCUIT		P48-1763
	BASE PLATE 3 PHASE 200 AMPS 18 CIRCUIT		P48-1764
	BASE PLATE 3 PHASE 200 AMPS 24 CIRCUIT		P48-1765
7	MOUNTING PLATE		B10-3038
8	CONTROL BOX 60"	*	C10-3738
9	POWER DISTRIBUTION BLOCK, 4 HOLE, 3 POLE, 480V		P52-5462
	POWER DISTRIBUTION BLOCK, 6 HOLE, 3 POLE, 480V		P52-5463
	POWER DISTRIBUTION BLOCK, 8 HOLE, 3 POLE, 480V		P52-5464
	POWER DISTRIBUTION BLOCK, 12 HOLE, 3 POLE, 480V		P52-5465

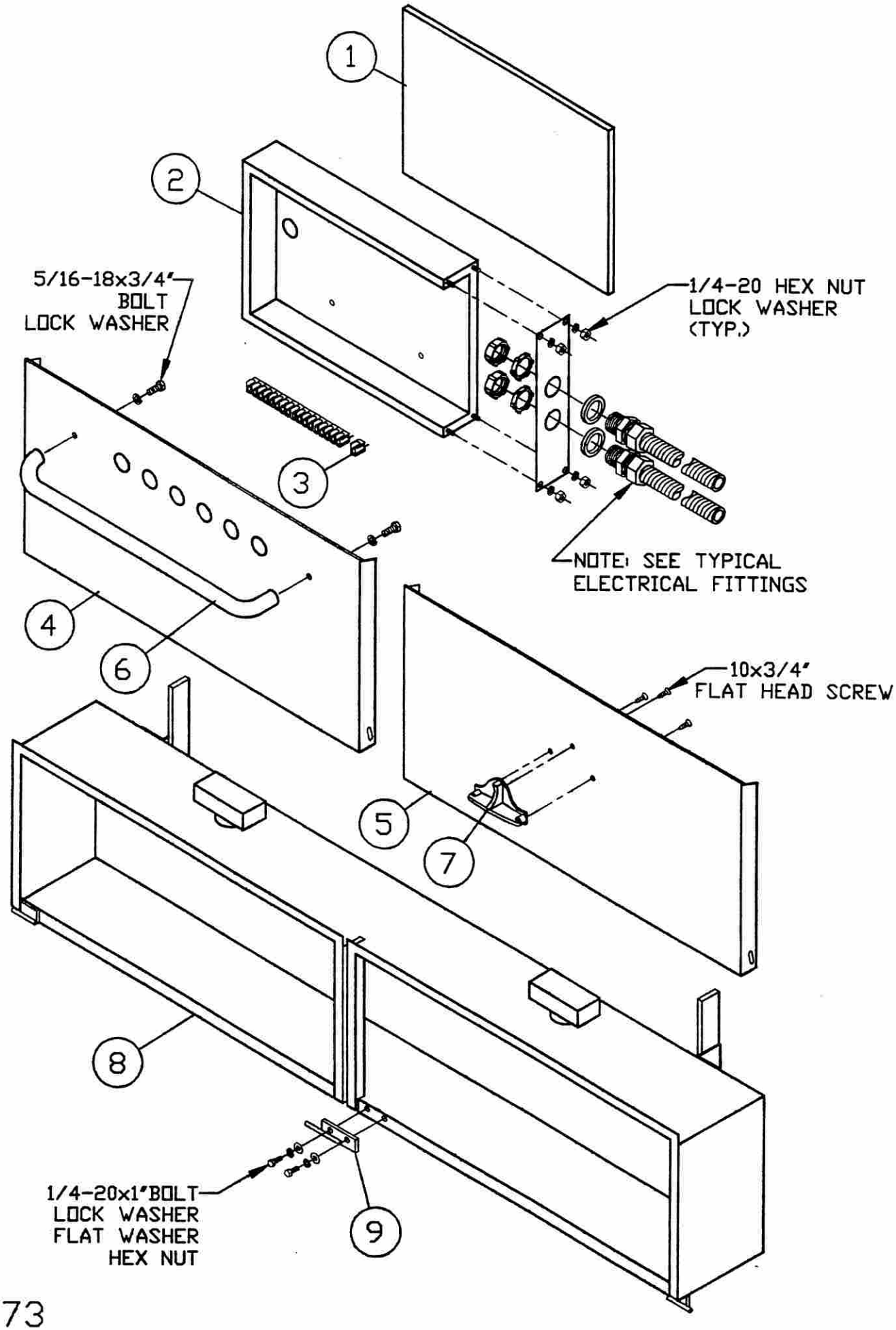
* TO ORDER SUPPLY MACHINE MODEL AND SERIAL NUMBER


7
OLD STYLE BOX
1
4
2
3
8
5
6

TYPICAL BOX ASSEMBLY

ITEM	DESCRIPTION	REMARKS	PART NO.
1	CONTROL BOX DOOR	*	B10–2813
2	BREAKER BOX DOOR	*	B10–2814
3	DOOR LATCH		P69–1205
4	CONTROL BOX 60"	*	B10–2812
	REMOTE MOUNTED CONTROL BOX 60"	*	C10–1618
5	DRUM REVERSING SWITCH		P49–2085
6	CONTROL BOX LEG		A10–5178
7	JUNCTION BOX, NO LONGER USED		P48–2169
8	SUPPORT BAR		A10–3244

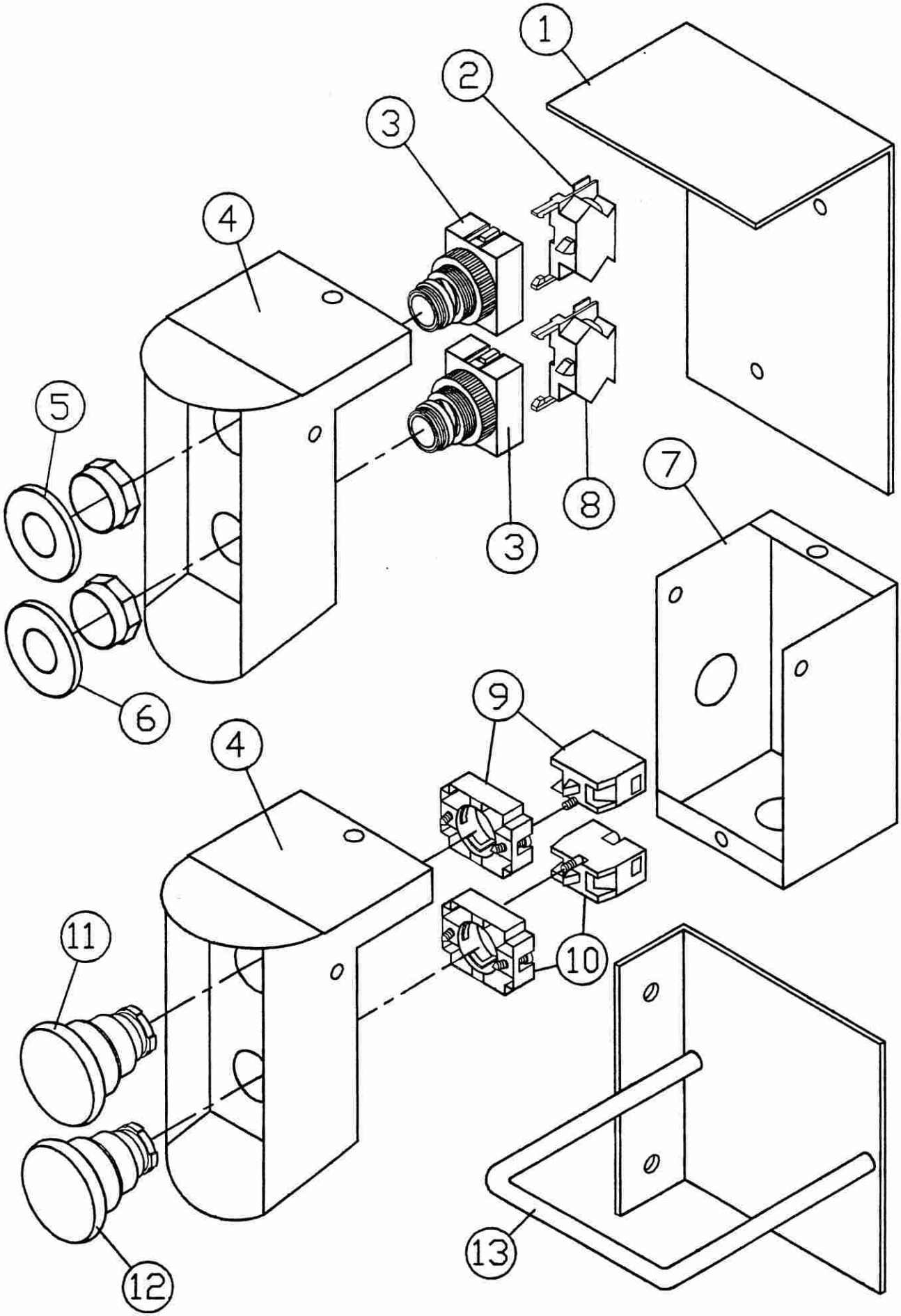
* TO ORDER SUPPLY MACHINE MODEL AND SERIAL NUMBER


1
2
5/16-18x3/4"
BOLT
LOCK WASHER
1/4-20 HEX NUT
LOCK WASHER
(TYP.)
3
NOTE: SEE TYPICAL
ELECTRICAL FITTINGS
4
6
10x3/4"
FLAT HEAD SCREW
5
7
8
1/4-20x1"BOLT
LOCK WASHER
FLAT WASHER
HEX NUT
9

TYP. BOX ASSY. (U.D.T.)

ITEM	DESCRIPTION	REMARKS	PART NO.
1	COVER JUNCTION BOX		*
2	JUNCTION BOX		*
3	FANNING STRIPS		P52-2167
4	CONTROL BOX COVER WITH HOLES		*
5	CONTROL BOX COVER NO HOLES		*
6	HANDLE, SWITCH COVER	*	A10-3472
7	STANDARD DOOR HANDLE		B10-1448
8	CONTROL BOX		*
9	HINGE PIN		*

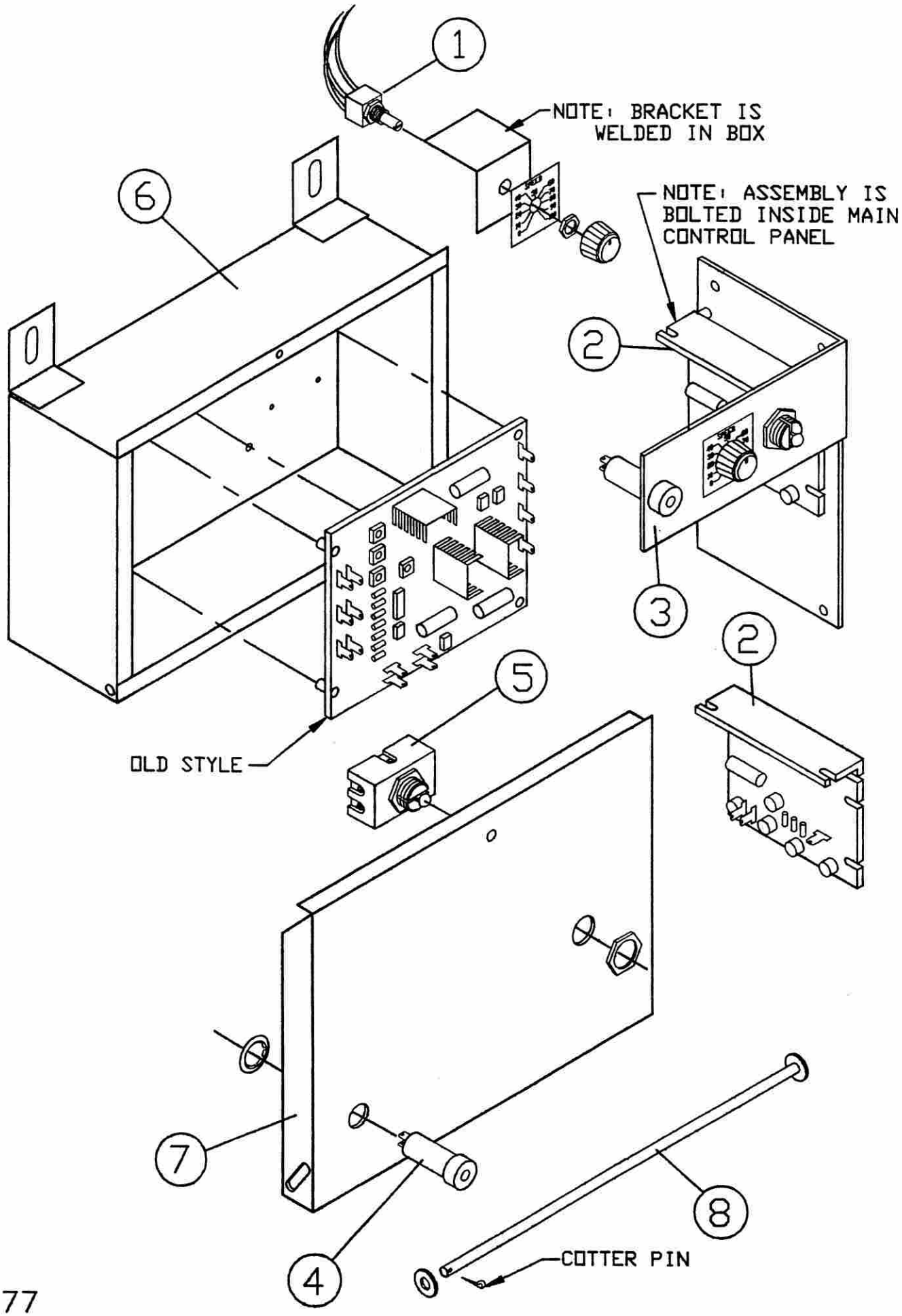
* TO ORDER SUPPLY MACHINE MODEL AND SERIAL NUMBER


1
2
3
4
5
6
7
8
3
9
4
10
11
12
13

START / STOP ASSEMBLY

ITEM	DESCRIPTION	REMARKS	PART NO.
1	MOUNTING PLATE		A10-5180
2	CONTACT BLOCK N/O	**	P49-1303
3	PUSH BUTTON SWITCH	**	P49-1726
4	COVER		A10-4946
5	MUSHROOM BUTTON BLACK	**	P49-1727
6	MUSHROOM BUTTON RED	**	P49-1728
7	HOUSING		A10-2047
8	CONTACT BLOCK N/C	**	P49-1304
9	BUTTON ASSEMBLY N/O		P49-5099
10	BUTTON ASSEMBLY N/C		P49-5100
11	BLACK PUSH BUTTON		P49-5097
12	RED PUSH BUTTON		P49-5098
13	MOUNTING BRACKET WITH GUARD		B10-2300
	START/STOP SWITCH ASSY. COMPLETE W/O ITEM 13		B10-2053
	START/STOP SWITCH ASSY. COMPLETE W/ITEM 13		B10-2300
	** REPLACED BY ITEMS 9,10,11& 12		

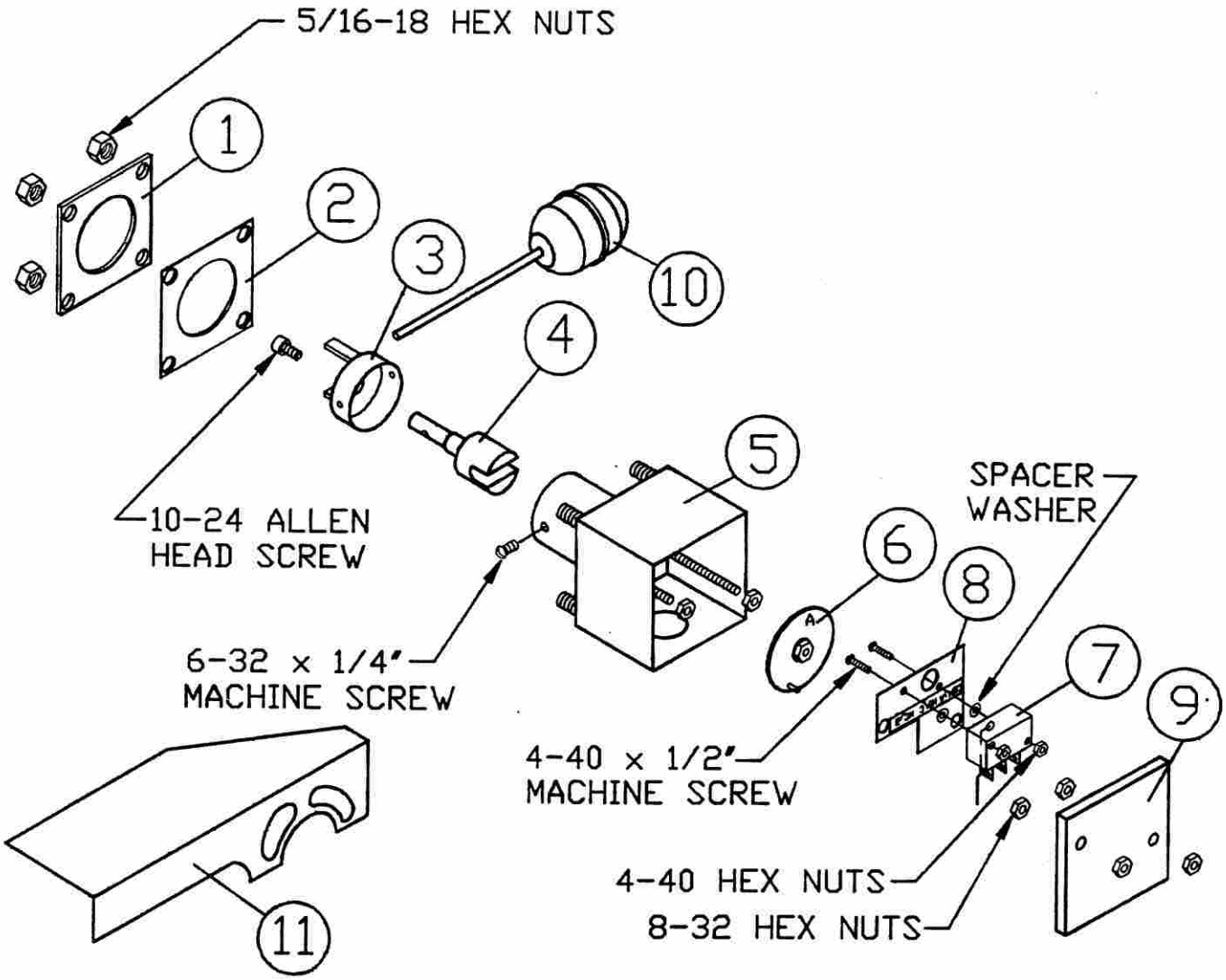
* TO ORDER SUPPLY MACHINE MODEL AND SERIAL NUMBER

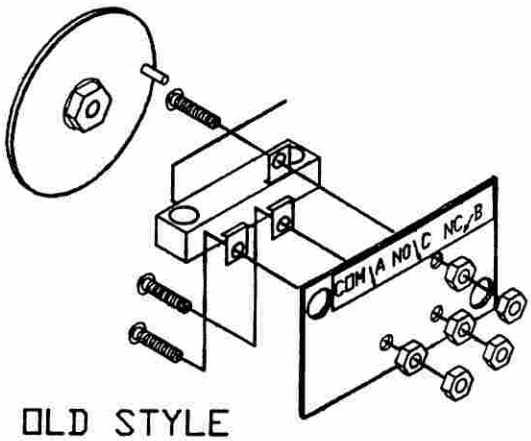

1
NOTE: BRACKET IS WELDED IN BOX
6
NOTE: ASSEMBLY IS BOLTED INSIDE MAIN CONTROL PANEL
2
3
2
5
OLD STYLE
7
4
8
COTTER PIN

VARIABLE SPEED CONTROLLER

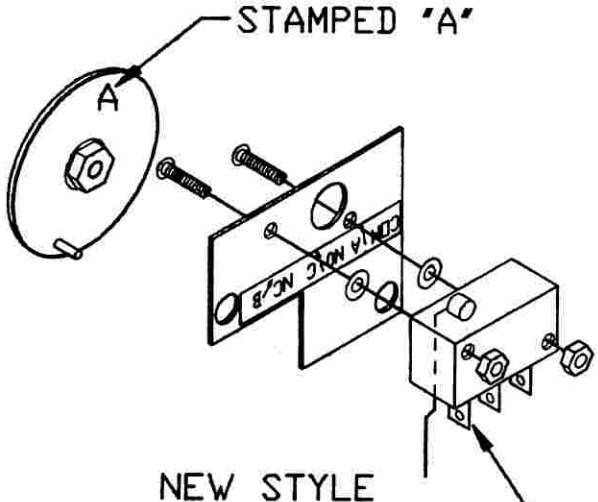
ITEM	DESCRIPTION	REMARKS	PART NO.
1	POTENTIOMETER		P41–1264
2	P.C. BOARD 1 HP		P42–1247
	P.C. BOARD 1/2 HP		P42–1248
3	MOUNTING BRACKET		*
4	CIRCUIT BREAKER KDI TYPE 1 HP		P48–1266
	CIRCUIT BREAKER KDI TYPE 1/2 HP		P48–1265
5	FORWARD / OFF / REVERSE SWITCH		P49–1263
6	CONTROL BOX		B10–1798
7	CONTROL BOX COVER		B10–4950
8	COVER HINGE		A10–4889
	1/2 HP CONTROL BOX COMPLETE ASSY.		A10–3441
	1 HP CONTROL BOX COMPLETE ASSY.		A10–3442

* TO ORDER SUPPLY MACHINE MODEL AND SERIAL NUMBER





OLD STYLE



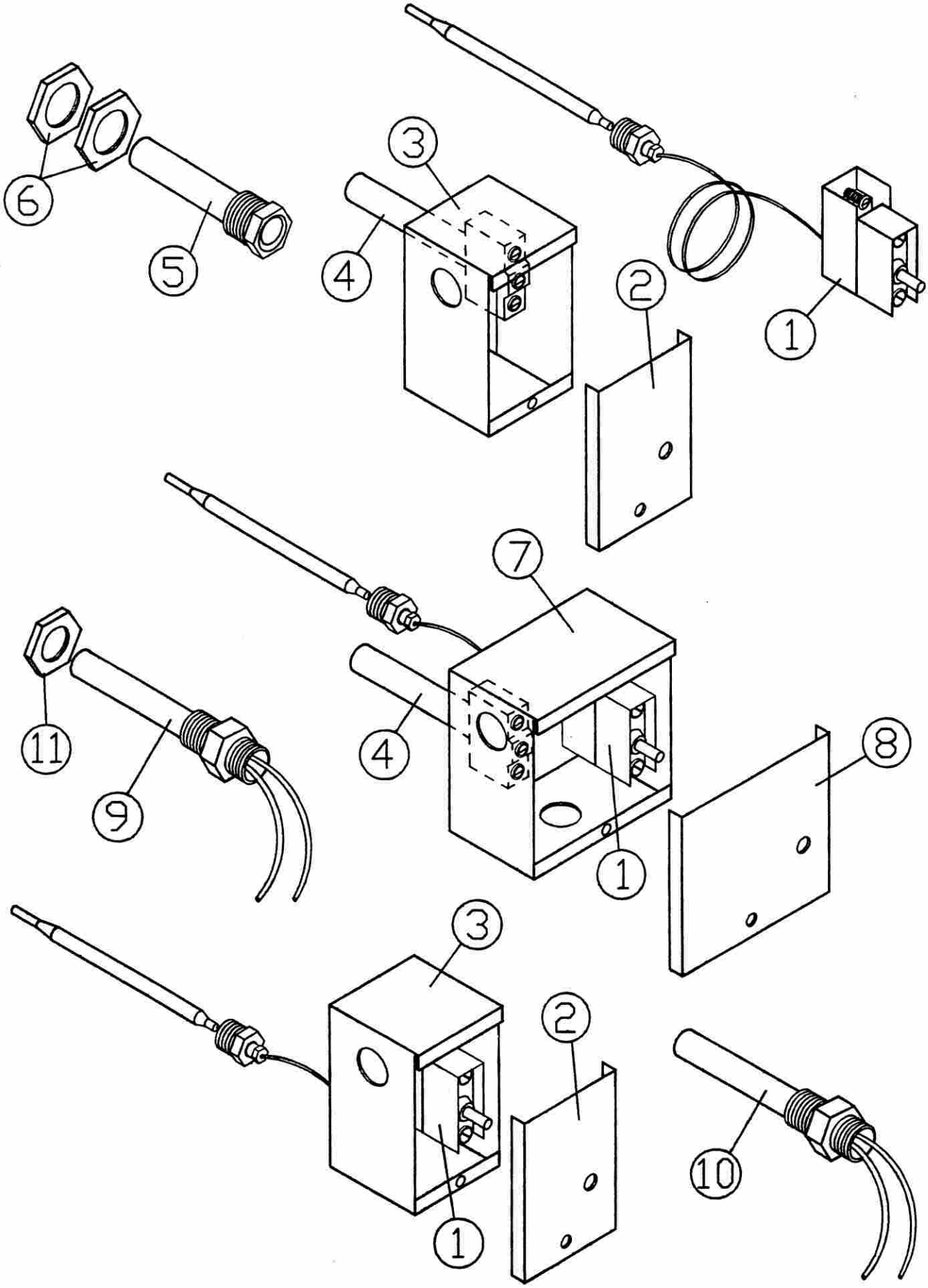
NEW STYLE

SPAID CONNECTIONS

FLOAT SWITCH ASSEMBLY

ITEM	DESCRIPTION	REMARKS	PART NO.
1	PLATE, PRESSURE MOUNTING		A10–1418
2	GASKET, #2840		A57–1419
3	COVER, MAGNET FLOAT		A10–1431
4	SHAFT WITH HORSESHOE MAGNET		A10–4485
5	HOUSING ASSEMBLY		B10–1423
6	ROTOR SWITCH DISC WITH MAGNET		A10–4484
7	SWITCH, MIRCO		P49–1113
8	PLATE, MICRO SWITCH MOUNTING		A10–1434
9	COVER		A10–1424
10	FLOAT		A10–1432
11	SHIELD, FLOAT GUARD, WASH & RINSE TANKS		B10–2897
	SHIELD, FLOAT GUARD, SCRAPPER TANK		B10–2898
	MICRO SWITCH ASSEMBLY: ITEMS 7 AND 8		A10–2054
	FLOAT SWITCH COMPLETE ASSEMBLY		C10–1005

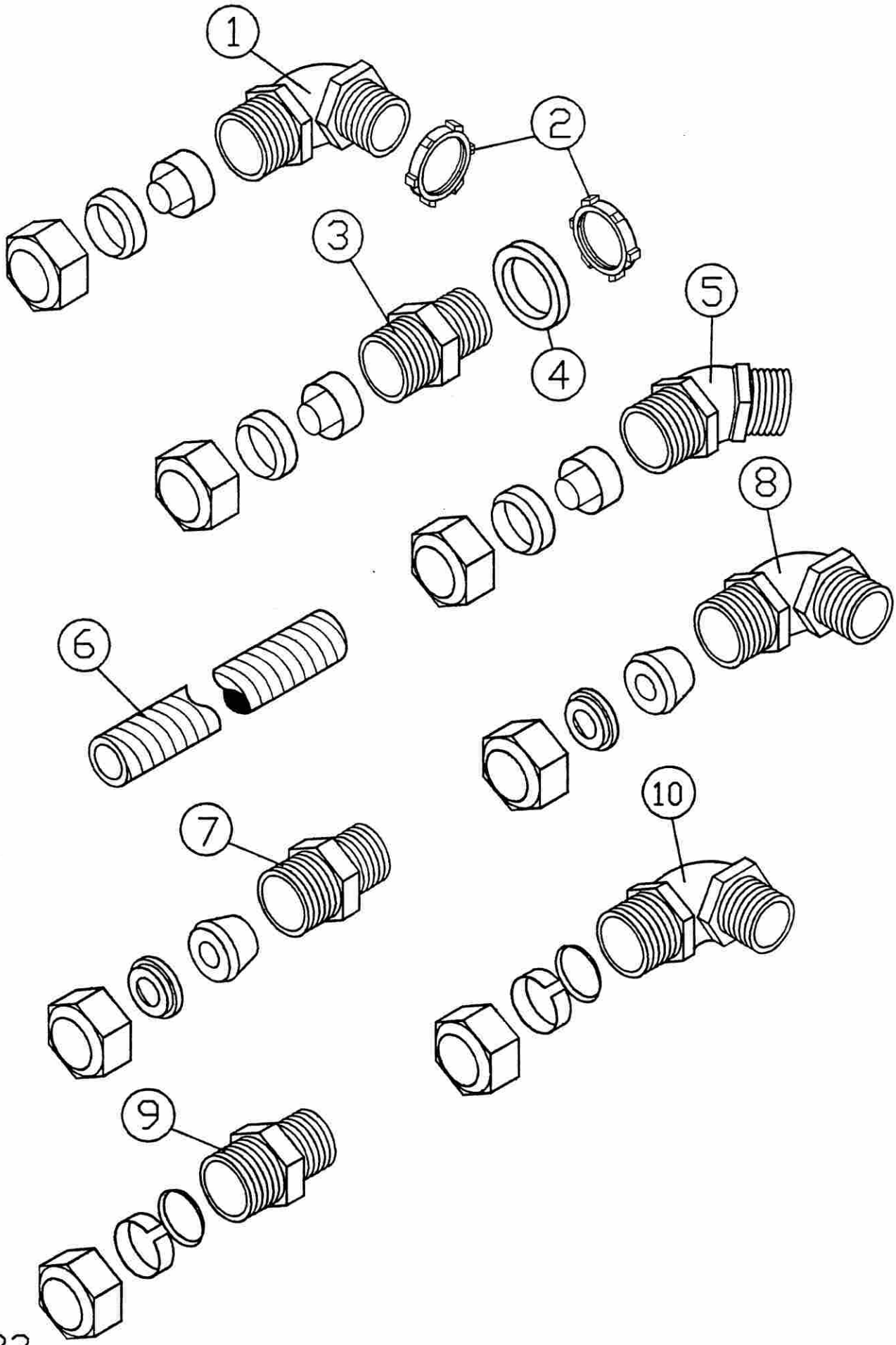
* TO ORDER SUPPLY MACHINE MODEL AND SERIAL NUMBER


6
5
3
4
2
1
7
11
9
4
1
8
3
2
1
10

THERMOSTATS

ITEM	DESCRIPTION	REMARKS	PART NO.
1	SWITCH, HI LIMIT CUT-OFF		P65-1188
2	COVER PLATE		A10-4585
3	BOX, THERMOSTAT		A10-4584
4	THERMOSTAT (FENWAL)		P65-1185
5	THERMOSTAT WELL		A10-1858
6	LOCKNUTS, 3/4" NPT S.S		A10-1859
7	BOX, DUAL THERMOSTAT		A10-4587
8	COVER, DUAL THERMOSTAT		A10-4588
9	THERMOSTAT, CONTACTS CLOSE ON RISE		P65-1184
10	THERMOSTAT, CONTACTS OPEN ON RISE		P65-1183
11	LOCKNUTS, 1/2" NPT S.S		A10-1446
	THERMOSTAT ASSEMBLY ITEMS 2,3,&4	*	A10-3358
	HIGH LIMIT ASSEMBLY ITEMS 1,2,&3		B10-4583
	DUAL ASSEMBLY ITEMS 1,4,7&8		B10-4586
	* REPLACES ROUND STYLE ASSEMBLY		
	NOTE: HIGH LIMIT ASSEMBLY USED ON ALL ELEC TANK HEAT MACHINES		

* TO ORDER SUPPLY MACHINE MODEL AND SERIAL NUMBER


1
2
3
4
5
6
7
8
9
10

TYPICAL ELECTRICAL FITTINGS

ITEM	DESCRIPTION	REMARKS	PART NO.
1	FITTING, 3/8" SEALTITE 90°	**	P52-1018
2	LOCKNUT, 1/2" CONDUIT	***	P52-1035
3	FITTING, 3/8" SEALTITE STRAIGHT	**	P52-1142
4	SEALING RING, 1/2"	***	P52-1038
5	FITTING, 3/8" SEALTITE 45°	**	P52-1227
6	SEALTITE, 3/8" LIQUID TITE FLEXABLE	**	P45-1048
7	FITTING, STRAIN RELIEF STRAIGHT	****	P52-2490
8	FITTING, STRAIN RELIEF 90°	****	P52-2554
9	FITTING, 1/2" CONDUIT EMT STRAIGHT	***	P52-1197
10	FITTING, 1/2" CONDUIT EMT 90°	***	P52-1107

** SIZES AVAILABLE 3/8" – 2"

*** SIZES AVAILABLE 1/2" – 2"

**** USED WITH STERO REED SWITCHES

* TO ORDER SUPPLY MACHINE MODEL AND SERIAL NUMBER

ACCESSORIES

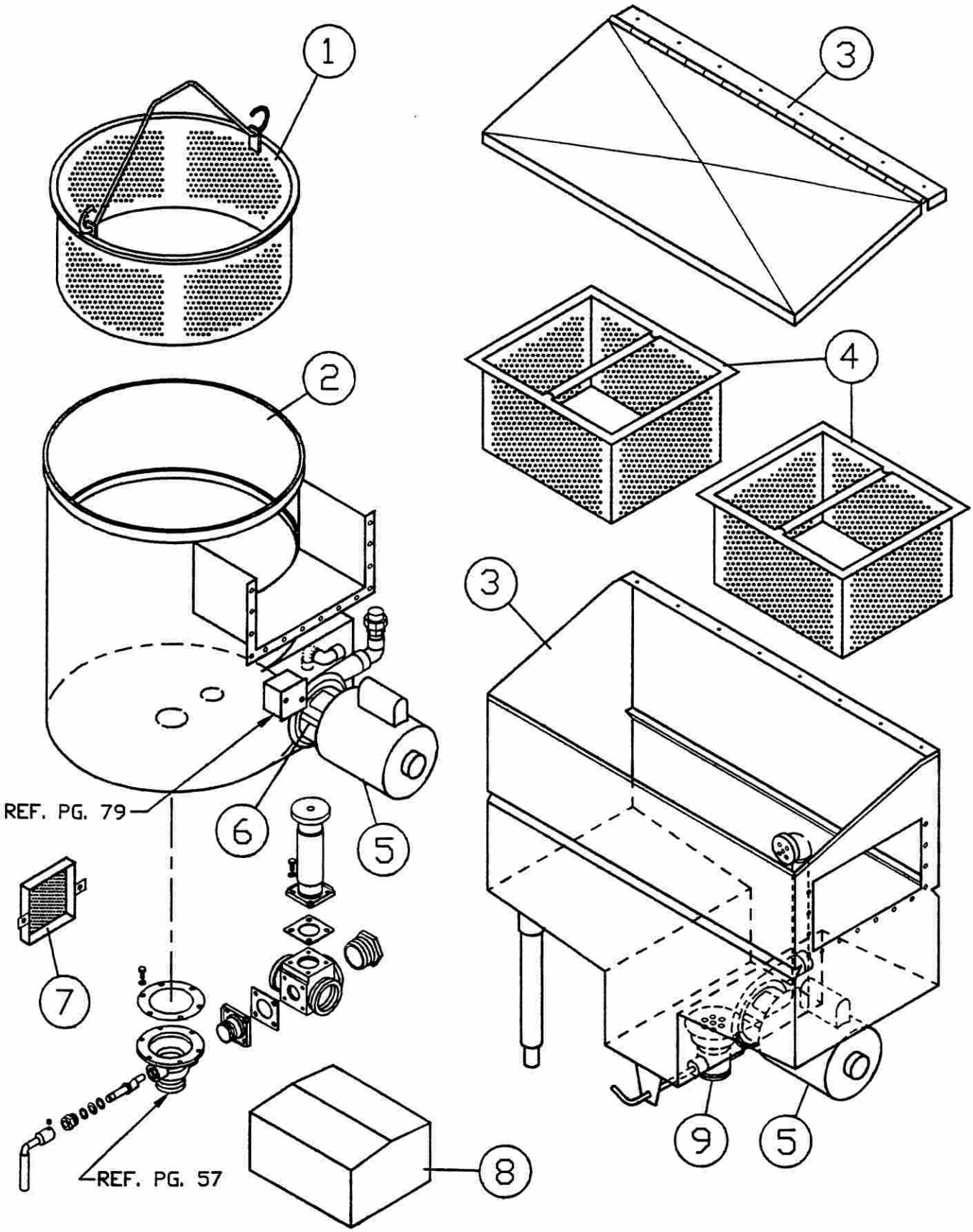
RECIRCULATING HOMMEL POT

SCRAP CATCHMENTS

TROUGH

MISC. SHELVING

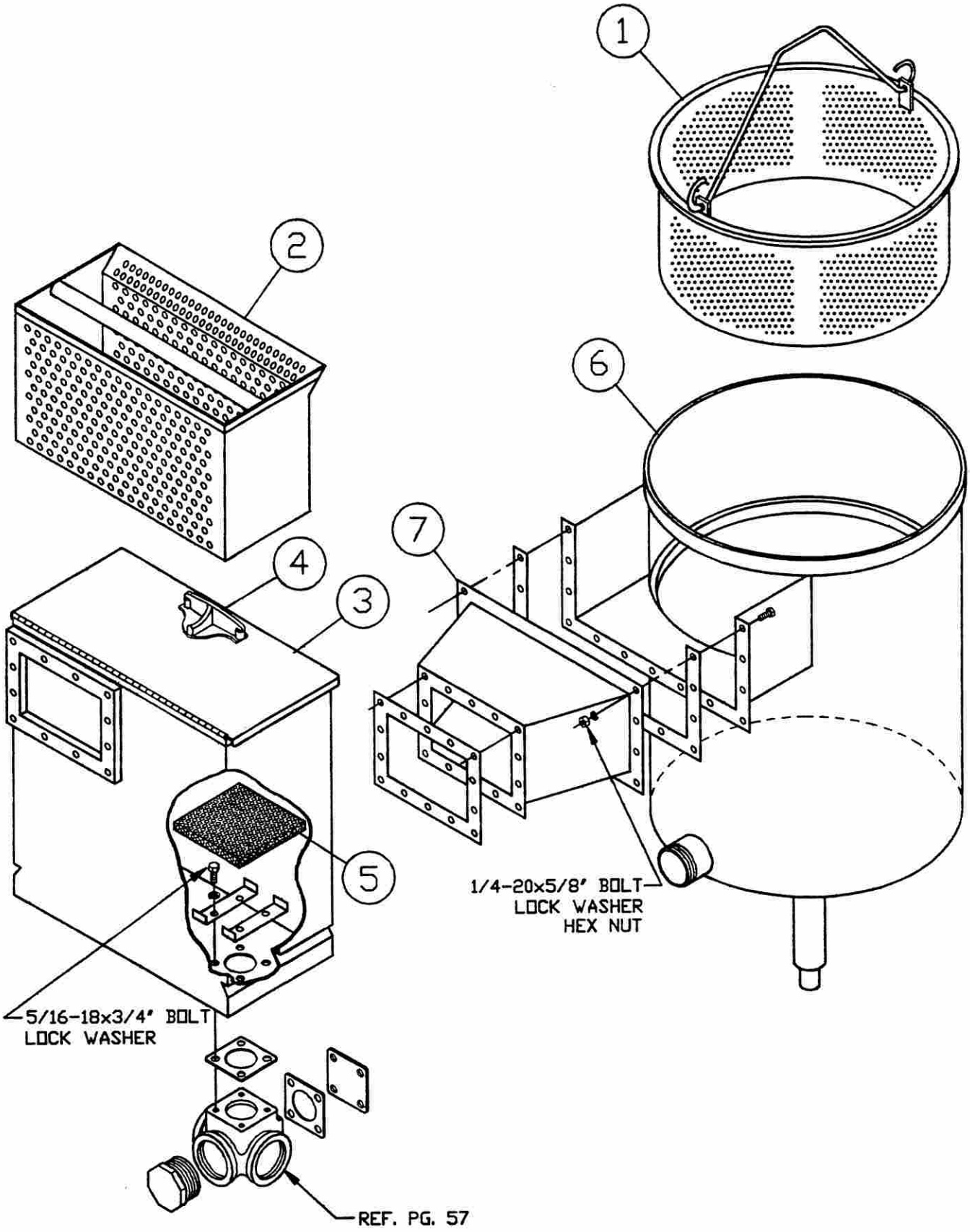
SINKS


1
2
3
4
3
5
6
7
8
9
5
REF. PG. 79
REF. PG. 57

RECIRCULATING HOMMEL POT

ITEM	DESCRIPTION	REMARKS	PART NO.
1	SCRAP BASKET ROUND		*
2	ROUND HOMMEL POT		*
3	RECTANGLE 2 BASKET POT WITH COVER	*	C10-1200
4	SCRAP BASKET		*
5	MOTOR 1/3 HP 115/230V		P41-1056
6	PUMP ASSEMBLY 1/3 HP		P41-1026
7	DRAIN SCREEN		*
8	MOTOR SPLASH COVER		*
9	LEVER DRAIN ASSEMBLY		*
	REFERENCE PAGE 15 FOR PUMP MOTOR BREAK-DOWN		

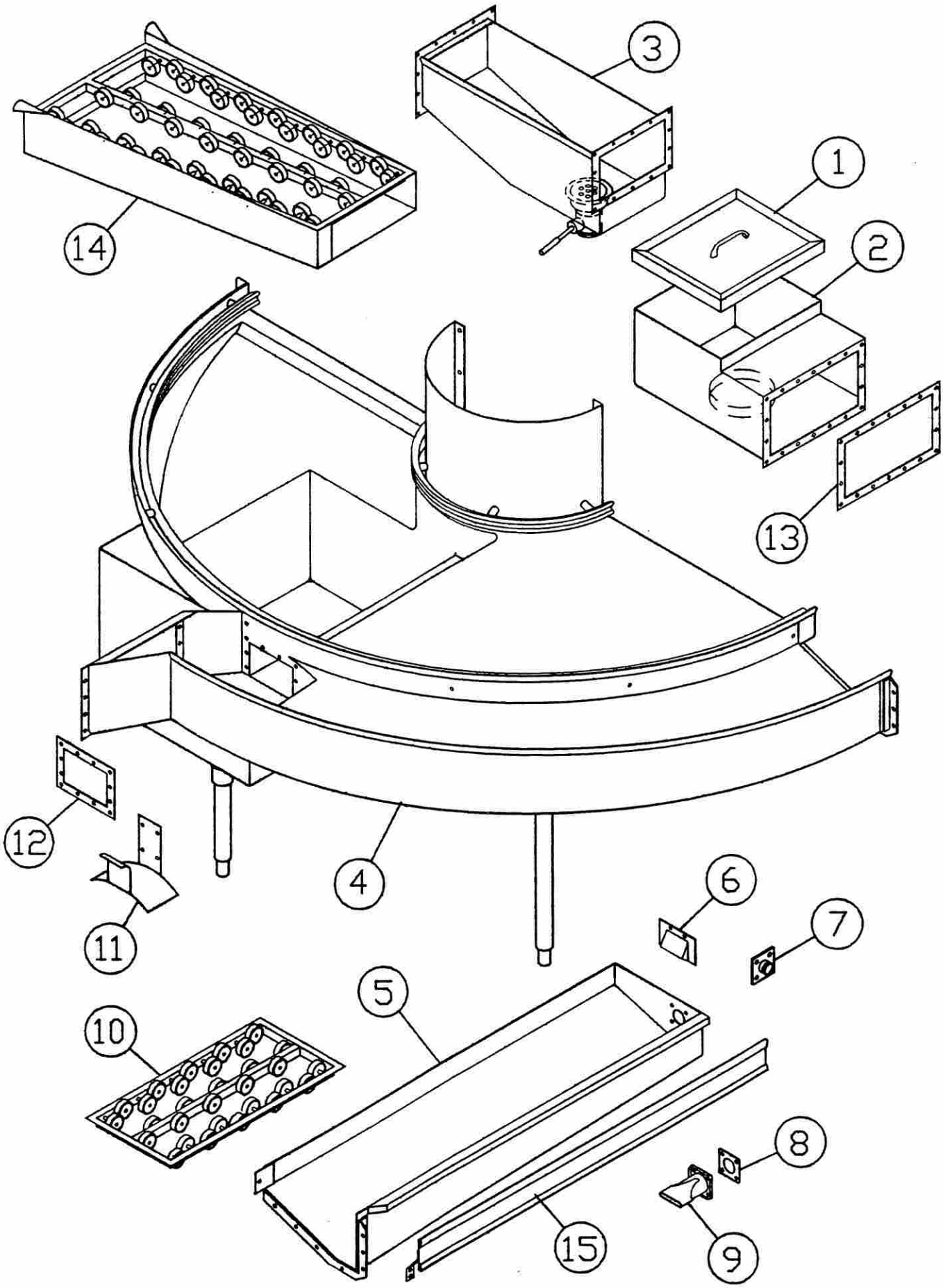
* TO ORDER SUPPLY MACHINE MODEL AND SERIAL NUMBER


1
2
3
4
5
6
7
1/4-20x5/8" BOLT
LOCK WASHER
HEX NUT
5/16-18x3/4" BOLT
LOCK WASHER
REF. PG. 57

SCRAP CATCHMENT / HOMMEL POT

ITEM	DESCRIPTION	REMARKS	PART NO.
1	SCRAP BASKET ROUND	*	C10-1275
2	BASKET SCRAP CATCHMENT		*
3	SCRAP CATCHMENT WITH DOOR		*
4	HANDLE		B10-1448
5	SCREEN		A10-2893
6	HOMMEL POT		C10-1275A
7	FUNNEL TRANSITION SECTION		B10-1146

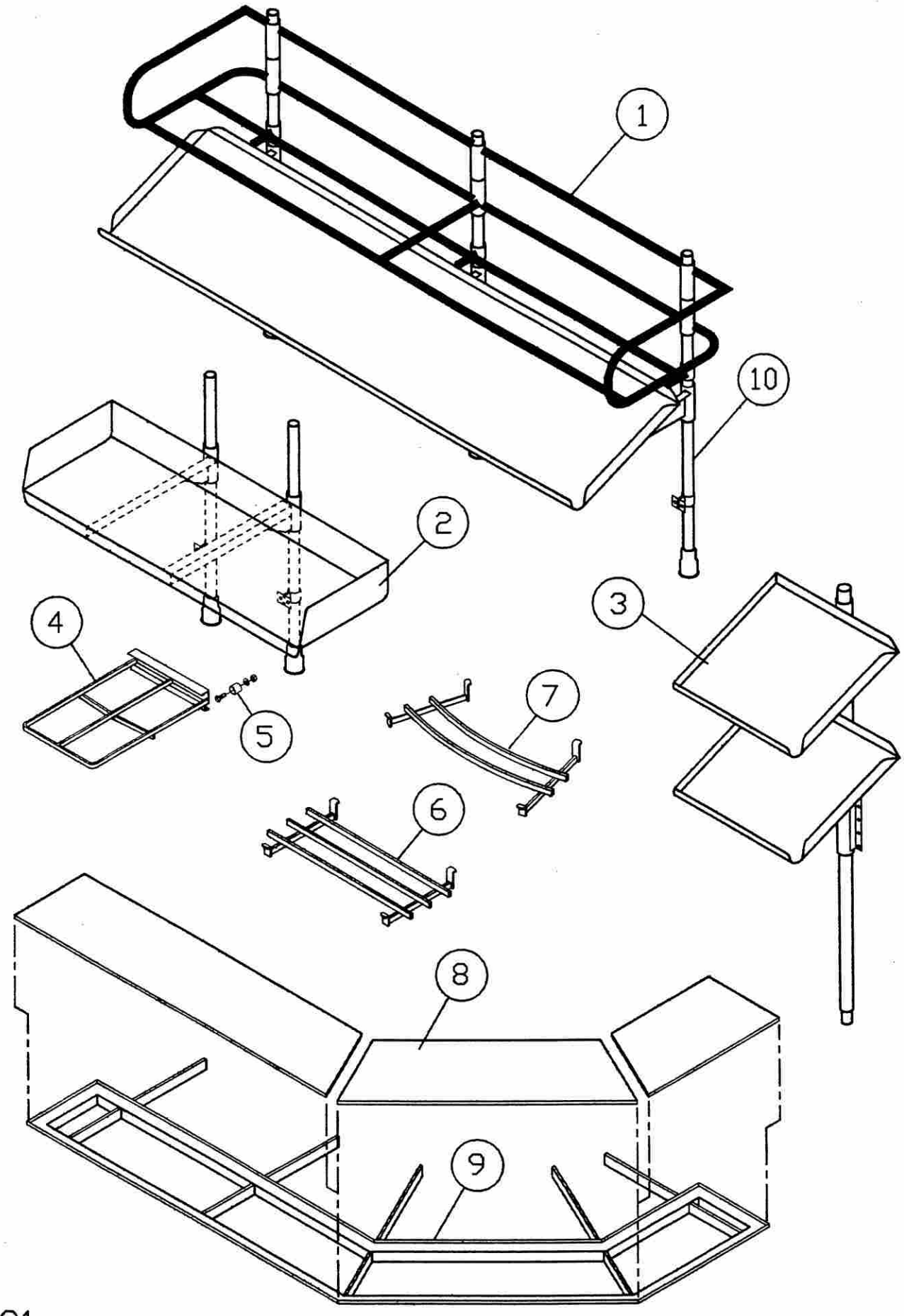
* TO ORDER SUPPLY MACHINE MODEL AND SERIAL NUMBER


1
2
3
4
5
6
7
8
9
10
11
12
13
14
15

TROUGH SECTION

ITEM	DESCRIPTION	REMARKS	PART NO.
1	COVER HOPPER BOX		B10-1332
2	HOPPER BOX, DISPOSER		C10-1006
3	SILVER SAVER		*
4	CURVED TROUGH SECTION	*	C10-2848
5	STRAIGHT TROUGH SECTION	*	C10-2848
6	WATER DIFFUSER		A10-3434
7	FLANGE, INLET ADAPTOR 3/4" NPT		A10-3332
8	GASKET		P57-1114
9	FLUSHING NOZZLE		*
10	SKATEWHEEL SECTION 13" STRAIGHT	*	B10-3415
	SKATEWHEEL SECTION 24" STRAIGHT	*	B10-3416
	SKATEWHEEL SECTION CURVED	*	B10-3417
11	HOSE HANGER S/S		B10-3096
	WASHDOWN HOSE, SPRAY NOZZLE, 3/4" COMPLETE		B10-3440
	HANGER, HOSE, & NOZZLE COMPLETE		A10-4467
12	GASKET, TROUGH TO SCRAP TANK	*	B10-3427
13	GASKET, HOPPER BOX TO TROUGH		B10-3426
14	SKATEWHEEL TRANSITION 48", CONVEYOR TO TROUGH	*	B10-1768
15	GUARD RAIL, SKATEWHEEL TROUGH	*	B10-3418

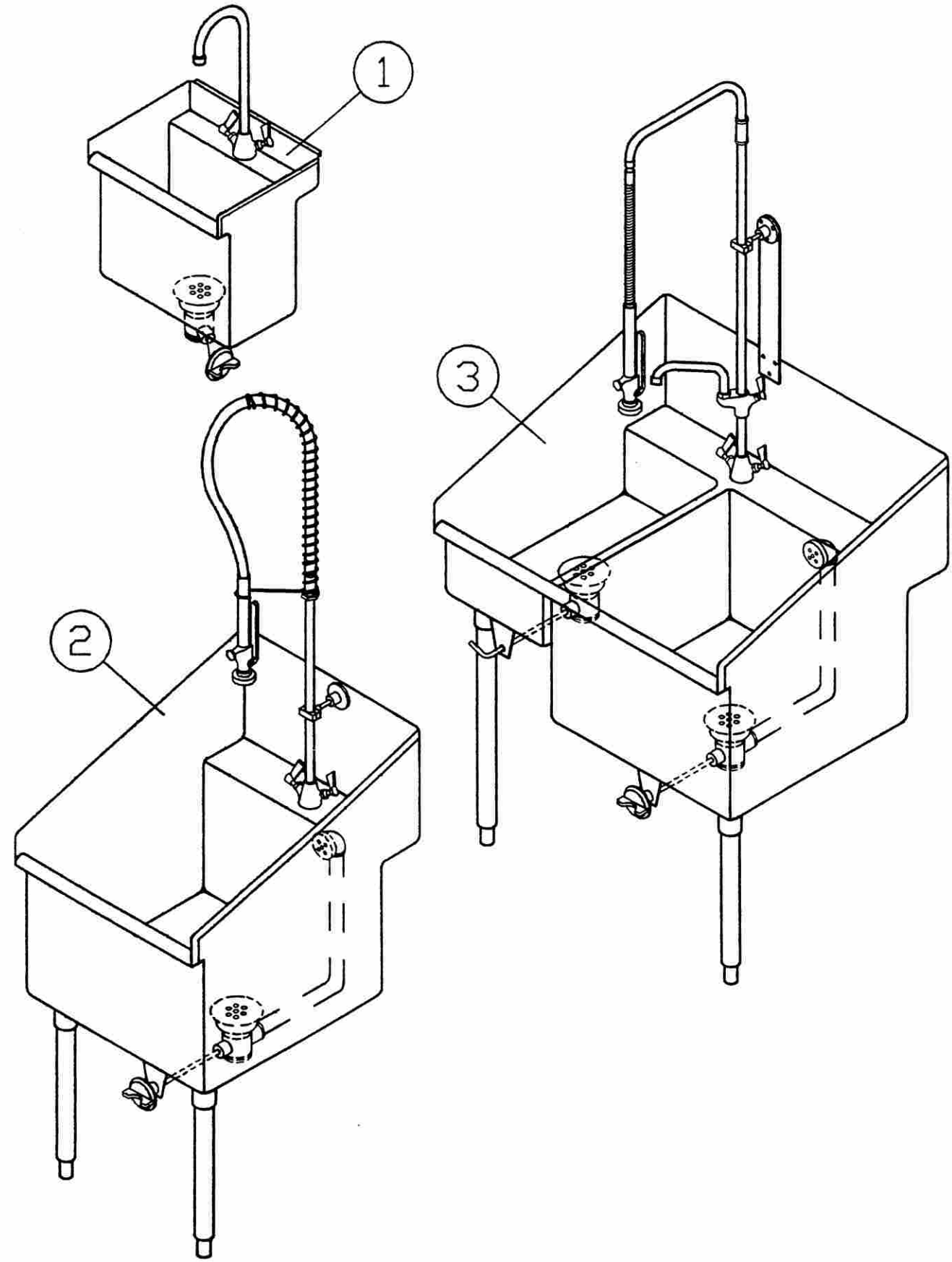
* TO ORDER SUPPLY MACHINE MODEL AND SERIAL NUMBER


1
10
2
3
4
5
7
6
8
9

SHELVING TYPES

ITEM	DESCRIPTION	REMARKS	PART NO.
1	SLANTED DISH RACK W/TUBE STYLE STORAGE SHELF	*	B10-2819
2	FLAT ALL PURPOSE STYLE SHELF	*	C10-2816
3	SLANTED ROTATING RACK SHELF	*	A10-1048
4	BANQUET TRAY SUPPORT		C10-3485
5	BANQUET TRAY SUPPORT BOSS		A10-2112
6	TRAY RACK STRAIGHT		A10-2849A
7	TRAY RACK CURVED		A10-2849
8	CLEAN TABLE INSERT	*	A10-3480
9	CLEAN TABLE SHELF	*	B10-2811
10	SHELF LEGS, HIGH STANDARD		A10-2817

* TO ORDER SUPPLY MACHINE MODEL AND SERIAL NUMBER


1
2
3

TYPICAL SINKS

ITEM	DESCRIPTION	REMARKS	PART NO.
1	HAND SINK		*
2	SOAK SINK		*
3	TWO TANK, COMBINATION HAND/SOAK SINK		*

* TO ORDER SUPPLY MACHINE MODEL AND SERIAL NUMBER

The Stero Company
3200 Lakeville Highway
Petaluma, CA 94954

(800) 762-7600

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