

JACKSON/ALCO PRODUCTS

INSTRUCTION MANUAL

FOR

SINGLE-TANK RACK CONVEYOR SERIES

BEFORE CONNECTING, OPERATING OR ADJUSTING THIS PRODUCT,
PLEASE READ THIS INSTRUCTION MANUAL CAREFULLY AND COMPLETELY

IT CONTAINS:

- ☐ SPECIFICATIONS
- ☐ INSTALLATION
- ☐ GUIDE TO OPERATIONS
- ☐ CARE AND CLEANING
- ☐ REPLACEMENT PART PROCEDURES
- ☐ TROUBLESHOOTING GUIDE
- ☐ ILLUSTRATED PARTS LIST
- ☐ WARRANTY

MODELS

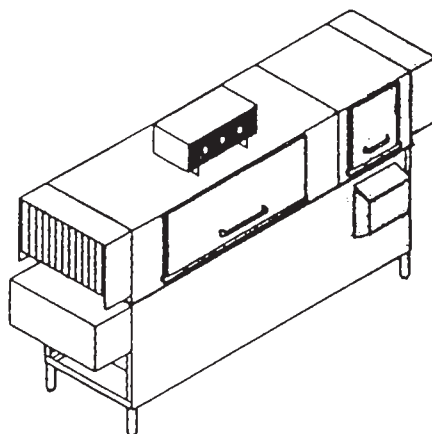
AN ALCO FOODSERVICE COMPANY

4 4 C E

4 4 C E L

6 6 C E R P W

6 6 C E L R P W



PLEASE READ AND SAVE THIS MANUAL

AUGUST 1, 1987

PRODUCT OF

JACKSON / ALCO PRODUCTS COMPANY

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T A B L E O F C O N T E N T S

BEFORE CONNECTING, OPERATING OR ADJUSTING THIS PRODUCT, PLEASE READ THIS INSTRUCTION MANUAL CAREFULLY AND COMPLETELY.

FOR YOUR CONVENIENCE, THIS BOOKLET CONSISTS OF THE FOLLOWING SECTIONS IN THIS ORDER:

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 - Certification
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 - Model - 44CEL Model - 66CELRPW
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-

SAFETY PRECAUTIONS

NEVER TRY TO REPAIR OR REPLACE ANY PART OF THE DISHWASHER UNLESS IT IS SPECIFICALLY RECOMMENDED IN THIS MANUAL. ALL SERVICING SHOULD BE DONE BY A FACTORY AUTHORIZED SERVICE TECHNICIAN DURING WARRANTY PERIOD, THERE ARE NO USER SERVICIBLE PARTS. SAFETY PRECAUTIONS IN THIS MANUAL ARE PRECEDED BY THE WORDS WARNING OR CAUTION AND ARE VERY IMPORTANT. WARNING MEANS THERE IS THE POSSIBILITY OF PERSONAL INJURY TO YOURSELF OR OTHERS. CAUTION MEANS THERE IS THE POSSIBILITY OF DAMAGE TO THE UNIT.

CERTIFICATION



THE UL MARK INDICATES THIS PRODUCT IS LISTED WITH THE UNDERWRITERS LABORATORY. THIS AGENCY CONDUCTS TESTS AND EVALUATIONS OF PRODUCT COMPLIANCE TO UL STANDARDS FOR SAFETY.



THE NSF SEAL IS WIDELY RECOGNIZED AS A SIGN THAT THE ARTICLE TO WHICH IT IS AFFIXED COMPLIES WITH ALL PUBLIC HEALTH AND SAFETY CODES FOR FOODSERVICE EQ.

APPENDIX SECTION

THE APPENDIX SECTION IN THIS MANUAL WILL CONTAIN AND COLLECT SUPPLEMENTAL INFORMATION ADDED TO UP-DATE AND KEEP THIS MANUAL CURRENT TO THE PRODUCT IT REPRESENTS. IT ALSO PROVIDES PERTINENT INFORMATION REGARDING ALL PRODUCT CHANGES AND NEW PRODUCT DEVELOPMENTS. PLEASE READ THESE SUPPLEMENT CAREFULLY AND COMPLETELY FOR THEY MAY REPLACE OR SUPERCEDE INSTRUCTIONS ALREADY CONTAINED IN THIS MANUAL.

PRODUCT RECORD

FOR FUTURE USE, PLEASE RECORD THE INFORMATION IN THE SPACES PROVIDED BELOW.

MODEL NO. _____	DEALER _____
VOLTS _____	DATE INSTALLED _____
SERIAL NO. _____	

S P E C I F I C A T I O N S

----- S P E C I F I C A T I O N S -----

THE SPECIFICATION SECTION IN THIS MANUAL WILL CONTAIN ALL PERTINENT DATA COVERING THE SINGLE-TANK RACK CONVEYOR SERIES DISHWASHING MACHINES.

PLEASE REFER TO THIS SECTION FOR ALL DETAILS CONCERNING:

OPERATING HOT WATER CAPACITY

HOT WATER REQUIREMENTS

OVERALL MACHINE DIMENSIONS

TANK CAPACITIES

PUMP AND MOTORS

ELECTRIC HEAT

STANDARD RACKS

SHIPPING WEIGHT

ELECTRICAL REQUIREMENTS

NOMENCLATURE

ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE

SPECIFICATIONS

Operating Capacity	Model 44C
Racks per hour	208
Dishes or glasses per hour	5125

Requirements

Flow pressure	20 PSI
Wash tank temperature (minimum)	160°F
Final fresh water rinse temperature (minimum)	180°F
Incoming water pipe size — machine	½" IPS
Drain pipe size	2" IPS
Maximum water usage (final rinse flow rate)	4.83 GPM

Dimensions

Length — between dishtables	44"
Width	25½"
Height — door closed ± ½"	64½"
Height — door open ± ½"	70"
Standard table height ± ½"	34"
Maximum dish clearance	18"

Tank Capacity

Wash tank	20 Gals.
-----------------	----------

Pumps and Motors

Wash motor	1½ HP
Wash pump capacity	300 GPM
Conveyor motor	½ HP
Conveyor speed (feet/minute)	5.7

Electric Heat (When Specified)

Wash tank	13 KW
-----------------	-------

Standard Racks

Dish racks 19½" x 19½"	2
Combination racks 19½" x 19½"	1

Shipping Weight (approx.)	600 Lbs.
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Shipping Dimensions (L x D x H)	71" x 41" x 77"
---------------------------------------	-----------------

Cubic Feet	130 ft. ³
------------------	----------------------

Model	44CE 44CEL	Approximate Total Load Amperes			
		Electric Tank Heat		Steam Tank Heat	
		1-Phase	3-Phase	1-Phase	3-Phase
208 Volts		59.1	44.1	11.0	11.0
230 Volts		54.1	40.6	10.6	10.6
380 Volts		N/A	22.5	N/A	7.3
440 Volts		N/A	18.2	N/A	5.1

All specifications subject to change without notice.

SPECIFICATIONS

Operating Capacity	Model 66CRPW
Racks per hour	206
Dishes or glasses per hour	5125

Requirements	
Flow pressure	20 PSI
Pre-wash tank temperature (maximum)	120°F
Wash tank temperature (minimum)	160°F
Final fresh water rinse temperature (minimum)	180°F
Incoming water pipe size — machine	½" IPS
Incoming water pipe size — pre-wash	½" IPS
Drain pipe size	2" IPS
Maximum water usage (final rinse flow rate)	4.83 GPM

Dimensions	
Length — between dishtables	66"
Width	25½"
Height — door closed ± ½"	64½"
Height — door open ± ½"	70"
Standard table height ± ½"	34"
Maximum dish clearance	18"

Tank Capacities	
Pre-Wash tank	14 Gals.
Wash tank	20 Gals.

Pumps and Motors	
Pre-wash motor	½ HP
Pre-wash pump capacity	80 GPM
Wash motor	1½ HP
Wash pump capacity	300 GPM
Conveyor motor	¼ HP
Conveyor speed (feet/minute)	5.7

Electric Heat (When Specified)	
Wash tank	13 KW

Standard Racks	
Dish racks 19½" x 19½"	2
Combination racks 19½" x 19½"	1

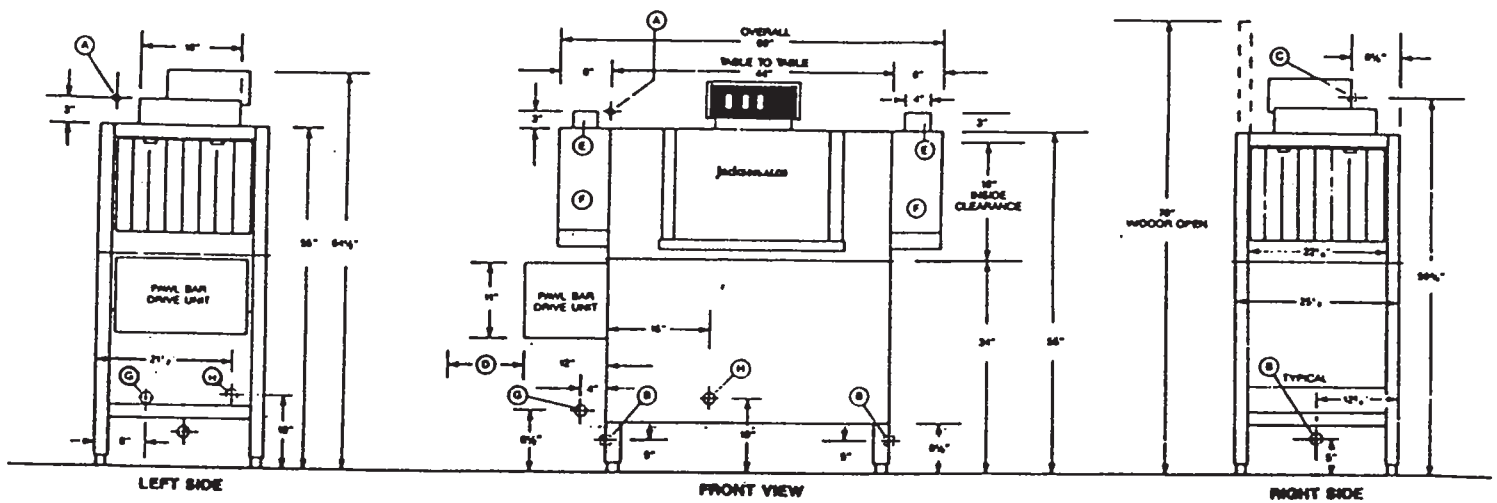
Shipping Weight (approx.)	700 Lbs.
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Shipping Dimensions (L x D x H)	93" x 41" x 77"
--	-----------------

Cubic Feet	170 ft. ³
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Model	66CERPW 66CELRPW	Approximate Total Load Amperes			
		Electric Tank Heat		Steam Tank Heat	
		1-Phase	3-Phase	1-Phase	3-Phase
208 Volts		63.4	45.9	15.3	15.3
230 Volts		58.4	42.4	14.9	14.9
380 Volts		N/A	24.5	N/A	9.3
440 Volts		N/A	20.4	N/A	7.3

All specifications subject to change without notice.

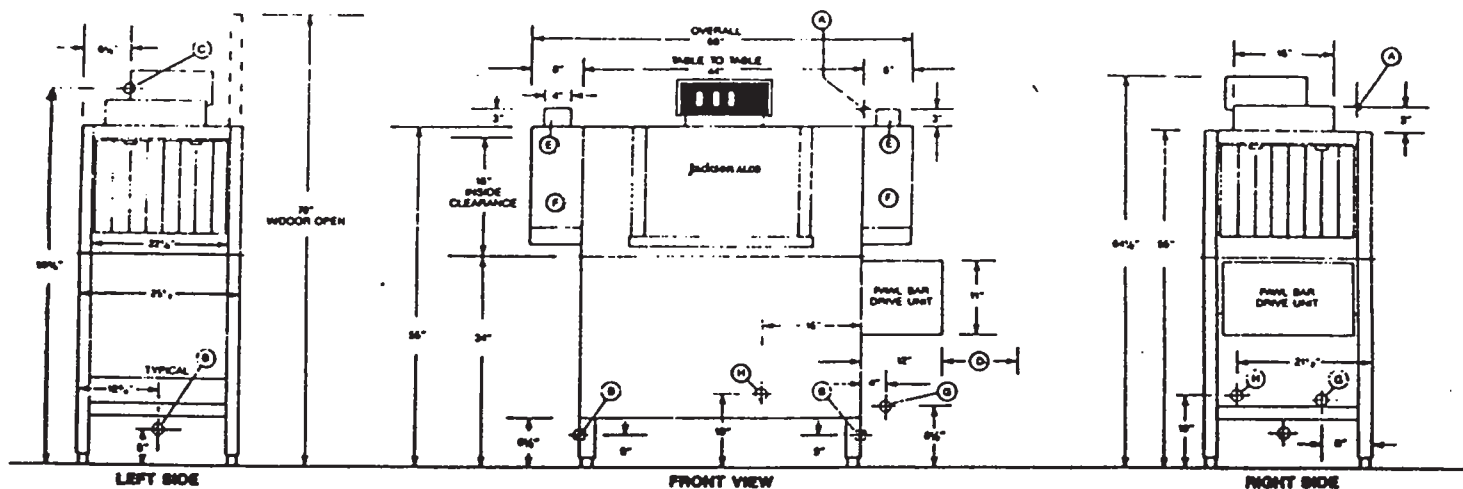


MODEL-44CE/44CEL

Right to Left

- A.) Machine water inlet 1/2" I.P.S., 180°F minimum.
- B.) Drain connection 2" I.P.S. Drain can be connected to either end.
- C.) Electrical connection
- D.) Allow 12" for removal of pawl bar drive unit cover.
- E.) Vent collar 4" x 16" x 3" tall, optional.
- F.) Vent cowl, standard.
- * G.) Incoming steam connection, optional. 3/4" FPT. (gate valve supplied).
- * H.) Condensate return connection 3/4" FPT. (Return to boiler or open drain.)

* - Steam Tank Heat only

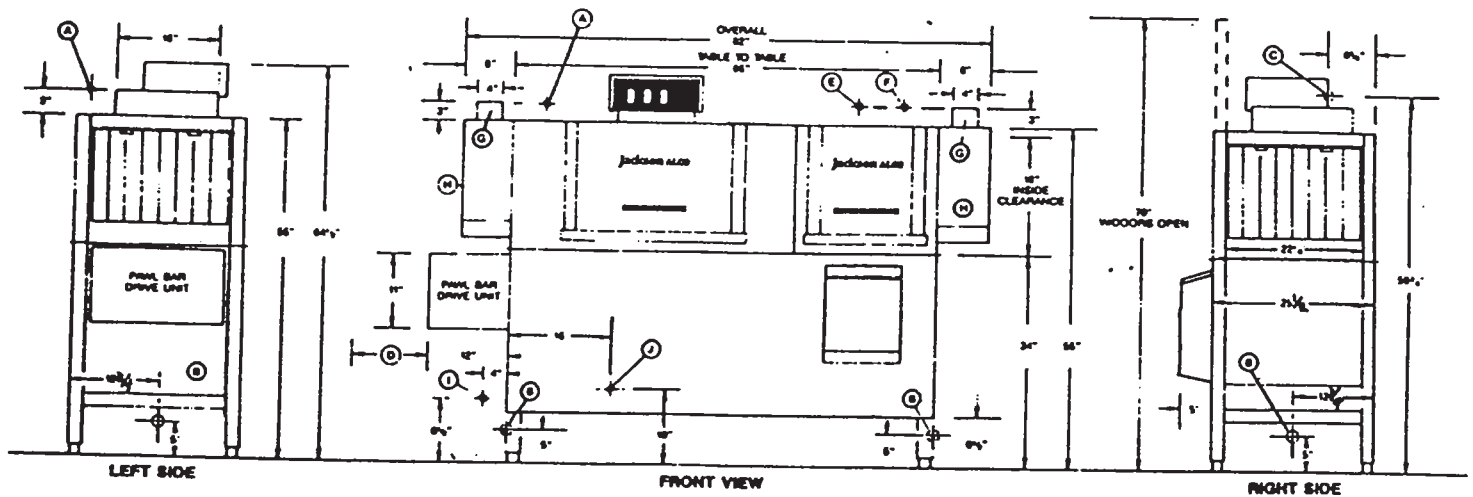


MODEL-44CE/44CEL

Left to Right

- A.) Machine water inlet 1/2" I.P.S., 180°F minimum
- B.) Drain connection 2" I.P.S. Drain can be connected to either end.
- C.) Electrical connection
- D.) Allow 12" for removal of pawl bar drive unit cover.
- E.) Vent collar 4" x 16" x 3" tall, optional.
- F.) Vent cowl, standard.
- * G.) Incoming steam connection, optional. 3/4" FPT (Gate valve supplied.)
- * H.) Condensate return connection 3/4" FPT. (Return to boiler or open drain.)

* - Steam tank heat only

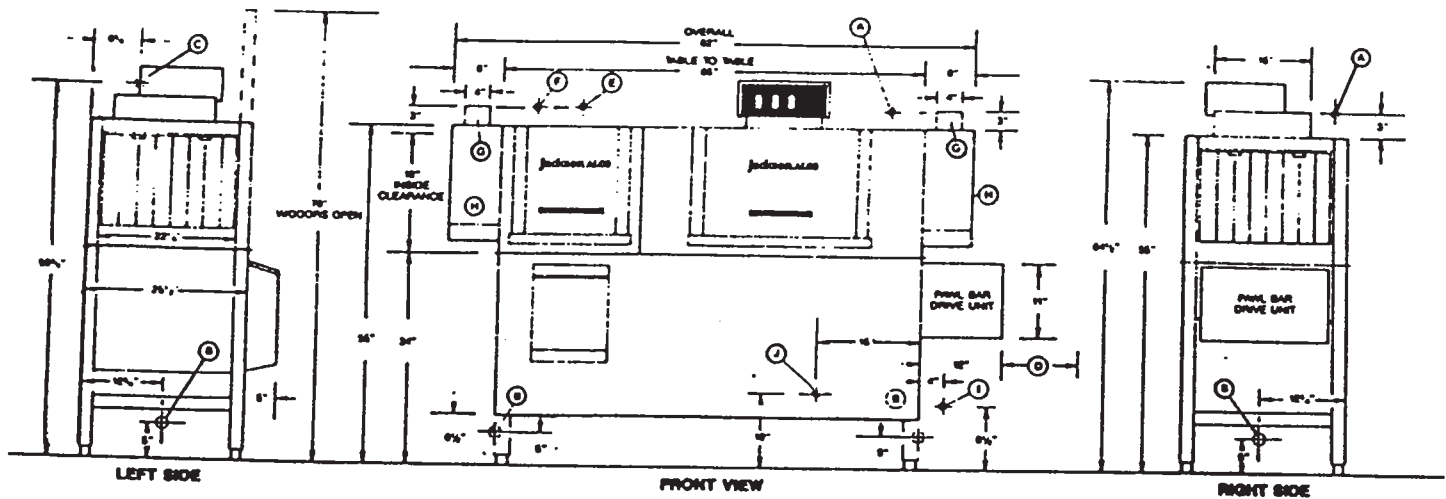


MODEL-66CERPW/66CEL RPW

Right to Left

- A.) Machine water inlet 1/2" I.P.S., 180°F minimum
- B.) Drain connection 2" I.P.S. Drain can be connected to either end.
- C.) Electrical connection
- D.) Allow 12" for removal of pawl bar drive unit cover.
- E.) Pre-wash water inlet 1/2" I.P.S. 140°F.
- F.) Cold water thermostat option - 1/2" I.P.S. ambient temperature water connection.
- G.) Vent collar 4" x 16" x 3" tall, optional.
- H.) Vent cowl, standard.
- * I.) Incoming steam connection, optional. 3/4" FPT (gate valve supplied).
- * J.) Condensate return connection 3/4" FPT. (Return to boiler or open drain.)

* - Steam tank heat only



MODEL-66CERPW/66CELRPW

Left to Right

- A.) Machine water inlet 1/2" I.P.S., 180°F minimum
- B.) Drain connection 2" I.P.S. Drain can be connected to either end.
- C.) Electrical connection
- D.) Allow 12" for removal of pawl bar drive unit cover.
- E.) Pre-wash water inlet 1/2" I.P.S., 140°F
- F.) Cold water thermostat option - 1/2" I.P.S. ambient temperature water connection:
- G.) Vent collar 4" x 16" x 3" tall, optional.
- H.) Vent cowl, standard.
- * I.) Incoming steam connection, optional. 3/4" FPT (gate valve supplied).
- * J.) Condensate return connection 3/4" FPT. (Return to boiler or open drain.)

* - Steam Tank Heat only

----- I N S T A L L A T I O N -----

U N P A C K I N G -----

BEFORE ANY CONNECTIONS ARE MADE, VISUALLY CHECK THE ENTIRE MACHINE FOR ANY POSSIBLE SHIPPING DAMAGE. IF ANY DAMAGE IS FOUND, SAVE ALL SHIPPING MATERIAL AND NOTIFY CARRIER AND DEALER AT ONCE.

S T E P S :

1. REMOVE ALL PROTECTIVE PACKING MATERIAL FROM MACHINE.
2. PLACE MACHINE IN ITS OPERATING LOCATION AND REMOVE SKID. CAUTION: INSURE WEIGHT OF MACHINE IS EVENLY DISTRIBUTED WHEN REMOVING FROM SKID INTO POSITION.
3. ADJUST ALL (4) ADJUSTABLE BULLET FEET SO CONTACT IS MADE TO FLOOR. SCREW BULLET FEET IN OR OUT TO LEVEL MACHINE WHILE USING LEVEL. LEVEL FRONT OF MACHINE FIRST, THEN REAR, AND SIDES.

----- E L E C T R I C A L C O N N E C T I O N S -----

W A R N I N G : ALL FIELD WIRING CONNECTIONS MUST CONFORM TO THE LOCAL AND NATIONAL ELECTRICAL CODES. INSTALL PROPER CIRCUIT BREAKER, WIRE AND CONDUIT SIZE.

M A C H I N E D A T A P L A T E is located at front of machine on vent cowl. Refer to data plate for machine voltage and amperage load.

REFER TO SPECIFICATION SECTION FOR FURTHER DETAILS IF NECESSARY

S T E P S : R E F E R T O F I G U R E 1

1. Remove the cover from the electrical control box and lay aside.
2. Install conduit into access hole at rear of electrical control box as shown in figure [1].
3. Route wires and connect to service disconnect switch and grounding lug as shown. WARNING: Insure that machine is properly grounded and complies to all local and national codes. Injury or death may occur from shock if machine is not properly grounded.
4. Make connections to service disconnect switch as marked, L1 and L2 for SINGLE PHASE, VOLTAGE MUST match specified voltage on DATA PLATE, either 208 VAC or 230 VAC.

For THREE PHASE, make connections to L1, L2 and L3, Voltage must match specified voltage on DATA PLATE, either 208 VAC, 230 VAC or 460 VAC.

DO NOT APPLY POWER AT THIS TIME - PROCEED TO VOLTAGE CHECK

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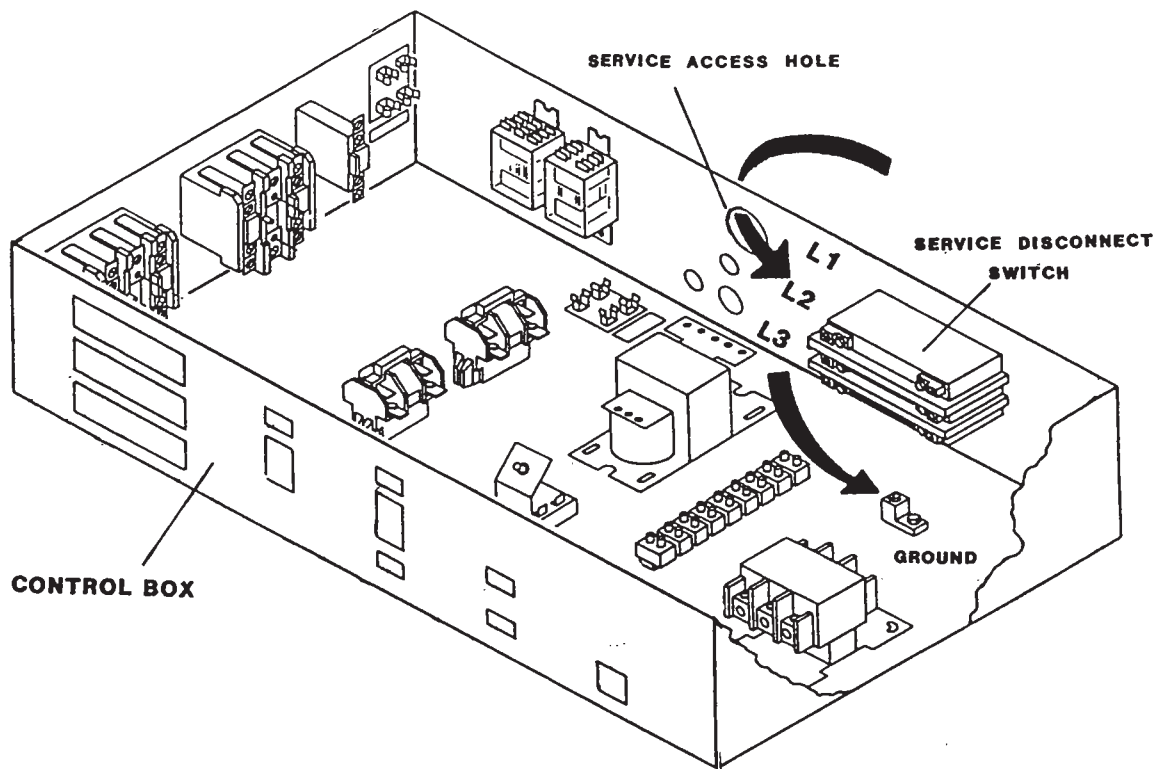


FIGURE 1

CONTROL BOX ELECTRICAL CONNECTIONS

----- I N S T A L L A T I O N -----

----- V O L T A G E C H E C K -----

S T E P S :

1. Place the machine service disconnect switch in the "OFF" position.
2. Apply line power to the machine from the service breaker.
3. Check incoming service lines at terminals of disconnect switch for proper voltage per data plate.

NOTE: If applicable, check voltage at L1 and L2 to ground individually to insure neither is connected to a HIGH or WILD leg. CAUTION: There is a possibility of damage to machine if not properly checked.

4. Turn off power at service breaker. NOTE: Mark breaker for dishwasher and advise proper personnel.

DO NOT APPLY POWER OR TURN MACHINE ON AT THIS TIME....
ALL PLUMBING AND WATER CONNECTIONS MUST BE COMPLETED
BEFORE MACHINE CAN BE OPERATED.

----- P L U M B I N G C O N N E C T I O N S -----

ALL PLUMBING CONNECTIONS MUST COMPLY WITH ALL SANITARY, SAFETY AND PLUMBING CODES.

REFER TO SPECIFICATION SECTION FOR FURTHER DETAIL IF NEEDED.

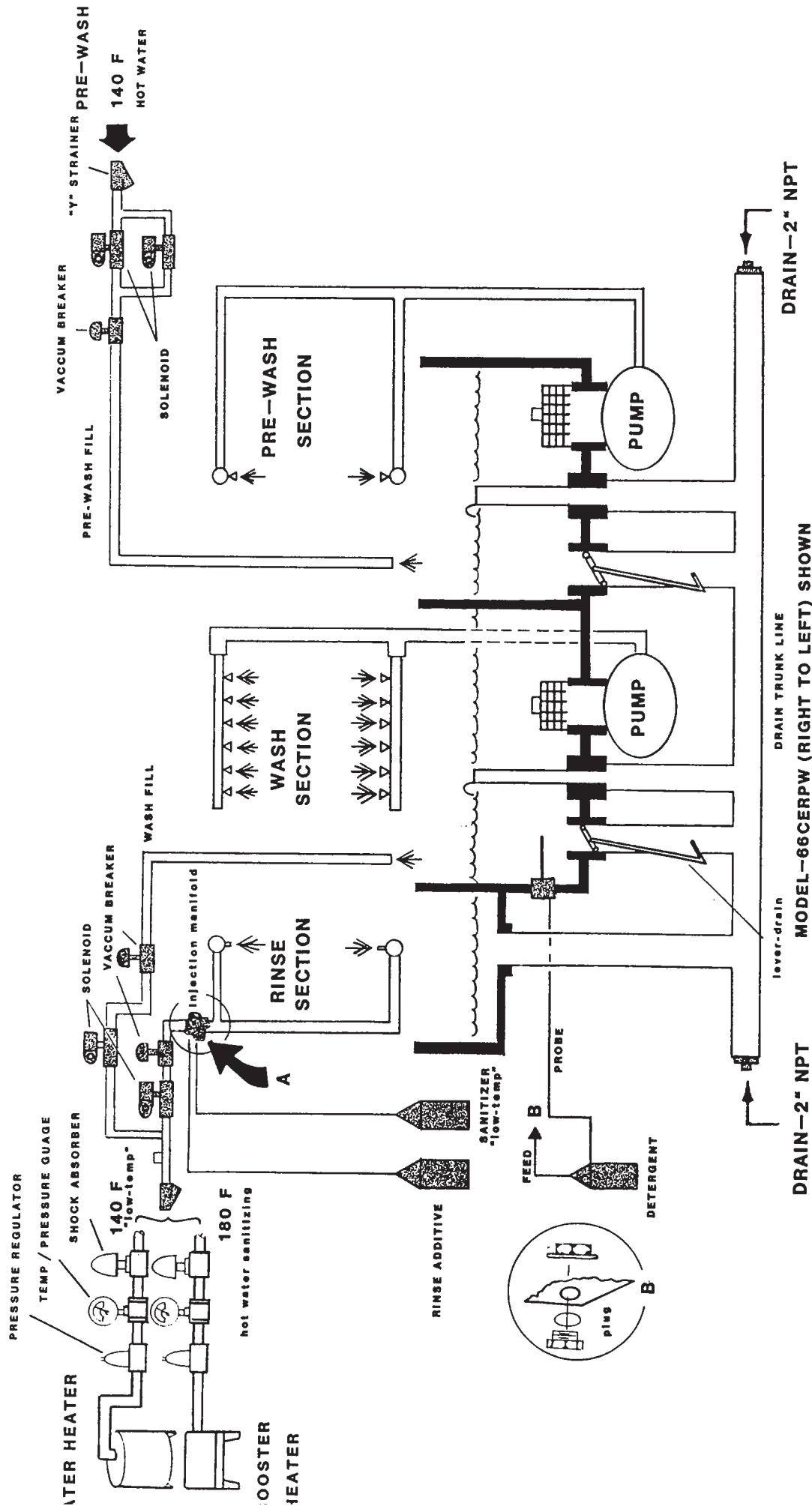
DRAIN CONNECTION

S T E P S :

REFER TO FIGURE [2]

1. Remove the 2" plug from drain trunk line at left or right end, only one connection is necessary.
2. Install a 2" DRAIN LINE with proper slope at this point.
NOTE: Drain is a GRAVITY FEED SYSTEM.

PROCEED TO PLUMBING AND HOT WATER REQUIREMENTS



MODEL-66CERPW (RIGHT TO LEFT) SHOWN
WATER FLOW DIAGRAM

FIGURE - 2

----- I N S T A L L A T I O N -----

DO NOT TAP any hot water supply lines for other hot water service. THIS WILL DROP THE REQUIRED FLOW PRESSURE.

RECIRCULATING PRE-WASH "RPW"

Models 66CERPW and 66CELRPW are equipped with a RECIRCULATING PRE-WASH "RPW".

2. Connect a 140 F. MAXIMUM constant HOT WATER 1/2" supply line to the PRE-WASH "Y" STRAINER as shown.

----- L O W T E M P E R A T U R E C H E M I C A L S A N I T I Z I N G -----

Models 44CEL and 66CELRPW are Low Temperature Chemical Sanitizing machines THESE MODELS REQUIRE CHEMICAL DISPENSING EQUIPMENT BE INSTALLED TO DISPENSE 50 PARTS PER MILLION OF CHLORINE INTO THE FINAL RINSE WATER FOR PROPER SANITIZING OF THE WARE. REFER TO CHEMICAL DISPENSING EQUIPMENT INSTALLATIO

FRESH WATER FINAL RINSE SUPPLY

1. Connect a 140 F. MAXIMUM constant HOT WATER 1/2" supply to the FINAL RINSE incoming water "Y" STRAINER as shown in FIGURE [2].

WASH TANK WATER SUPPLY

Wash tank water is recirculating and is initially filled by same supply line as final rinse and no additional connection is necessary.

RECIRCULATING PRE-WASH "RPW"

Model 66CELRPW is equipped with a RECIRCULATING PRE-WASH "RPW".

2. Connect a 140 F. MAXIMUM constant HOT WATER 1/2" supply line to the PRE-WASH "Y" STRAINER as shown.

PROCEED TO CHEMICAL DISPENSING EQUIPMENT INSTALLATION FOR DETERGENT, SANITIZER AND RINSE AID DISPENSING.

INSTALLATION

PLUMBING AND HOT WATER REQUIREMENTS

Models 44CE, 44CEL, 66CERPW and 66CELRPW DO NOT have an internal booster water heater to boost the regularly available hot water (usually 140 F.) up to 180F. Water at 180F. can be used as sanitizing rinse water.

ALL HOT-WATER SANITIZING machines MUST have an external supply of 180F. HOT WATER to the machine. All LOW-TEMPERATURE CHEMICAL SANITIZING machines will use the regularly available 140F. hot water along with SANITIZER for sanitizing the final rinse water.

Before any connections are made, determine if machine is a HOT WATER SANITIZING or a LOW-TEMPERATURE CHEMICAL SANITIZING machine.

This can easily be accomplished by comparing the MODEL NUMBER on the machine DATA PLATE to the lists below. REFER TO NOMENCLATURE IN SPECIFICATION SECTION IF NECESSARY FOR FURTHER DETAILS.

The following machines are LOW-TEMPERATURE CHEMICAL SANITIZING:

4 4 C E L
6 6 C E L R P W

The following machines are HOT-WATER SANITIZING:

4 4 C E
6 6 C E R P W

PROCEED TO THE APPROPRIATE HOT-WATER OR CHEMICAL SANITIZING INSTRUCTIONS THAT FOLLOW.

HOT WATER SANITIZING MACHINES

STEPS : REFER TO FIGURE [2]

FRESH WATER FINAL RINSE SUPPLY

1. Connect a 180 F. MINIMUM constant HOT WATER 1/2" supply to the FINAL RINSE incoming water "Y" STRAINER as shown in FIGURE [2].

WASH TANK WATER SUPPLY

Wash tank water is recirculating and is initially filled by same supply line as final rinse and no additional connection is necessary.

NOTE: ALL MACHINES require a MINIMUM of 20 PSI FLOW PRESSURE. DO NOT confuse STATIC PRESSURE with FLOW PRESSURE. FLOW PRESSURE is the pressure in the FINAL RINSE LINE when the rinse valve is OPEN, and machine is RINSING. STATIC PRESSURE is line pressure with no flowing, all valves and service CLOSED.

CONTINUE TO NEXT PAGE

----- I N S T A L L A T I O N -----

----- R E C O M M E N D E D E Q U I P M E N T -----

REFER TO FIGURE [2]

SHOCK ABSORBER

A SHOCK ABSORBER (NOT SUPPLIED) in the FINAL RINSE LINE as shown in FIGURE [2], prevents LINE HAMMER (hydraulic shock) induced by the final rinse solenoid valve as it operates. THIS SHOCK CAN CAUSE DAMAGE TO EQUIPMENT.

PRESSURE REGULATING VALVE

The FINAL RINSE SUPPLY LINE MUST have a PRESSURE REGULATING VALVE (NOT SUPPLIED) installed when flow pressure exceeds the specified 20 PSI. Pressures above 25 PSI will cause rinse spray to fog or atomize. Install regulator valve and adjust to 20 PSI FLOW PRESSURE.

PRESSURE / TEMPERATURE GAUGE

This gauge is recommended to be installed in the following lines:

FINAL RINSE SUPPLY LINE - Temperature and flow pressure of water supplied to machine for final rinse can be established.

PRE-WASH SUPPLY LINE - Temperature and flow pressure of water supplied to machine for pre-wash can be established.

----- C H E M I C A L D I S P E N S I N G E Q U I P M E N T I N S T A L L A T I O N -----

EQUIPMENT PLACEMENT

Mount all dispensing equipment at back of machine or on adjacent wall. DO NOT MOUNT EQUIPMENT ON TOP OR FRONT OF MACHINE.

ELECTRICAL CONNECTION

A electrical power connection is provided inside the electrical control box for dispensing equipment. Access is made at rear of control box through conduit hole provided, route wires to fuse block provided as shown in FIGURE [3]. Fuse block supplies constant power per specified voltage on DATA PLATE and MUST have properly rated fuse installed. This power connection does not provide a SIGNAL SOURCE for intermittent operation.

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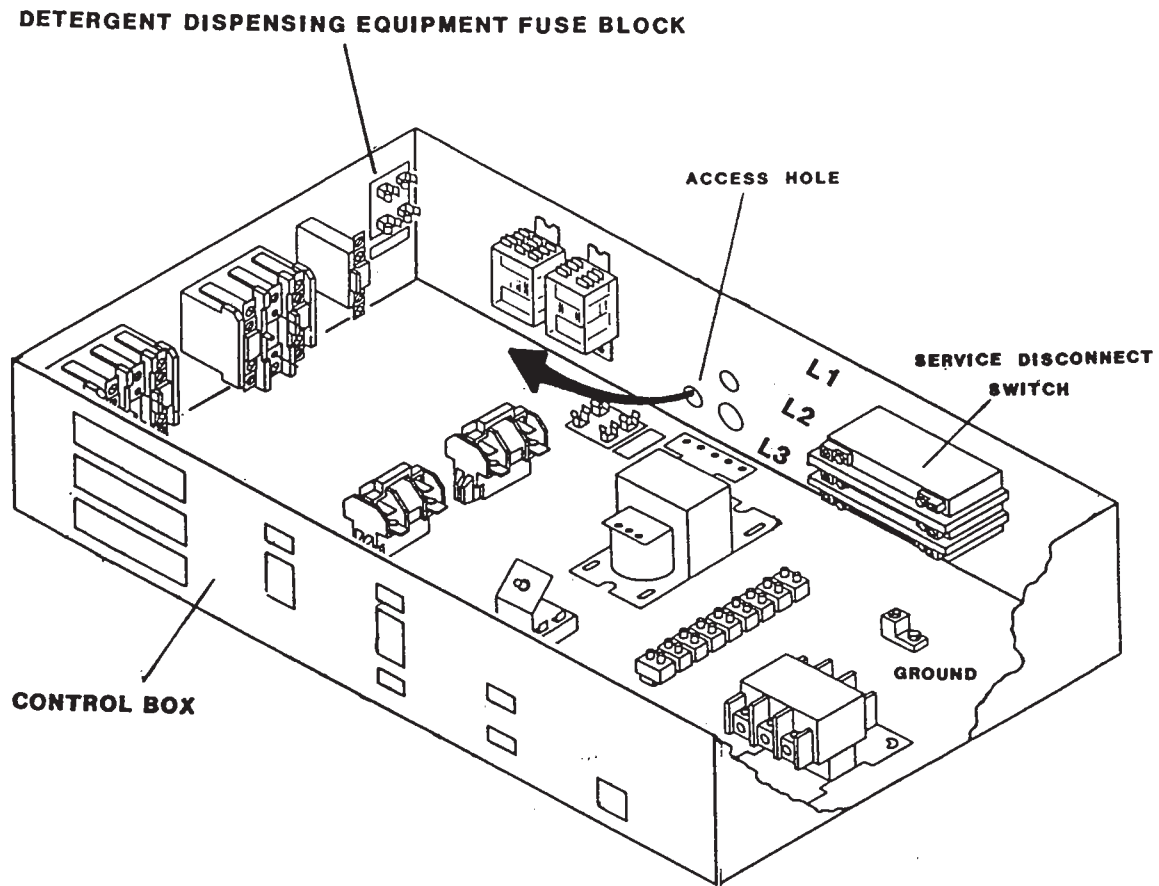


FIGURE 3

**CONTROL BOX ELECTRICAL CONNECTION
FOR CHEMICAL EQUIPMENT**

----- I N S T A L L A T I O N -----

DISPENSING INJECTION POINTS

RINSE AID AND SANITIZER (CHLORINE) CHEMICAL DISPENSING

Two 1/8" NPT injection points are provided at the incoming final rinse supply line as shown in FIGURE [2] ITEM "A". These injection points are provided for rinse aid and sanitizer chemical dispensing into the fresh water final rinse.

DETERGENT DISPENSING

A 7/8" hole is provided in the WASH TANK for installation of a detergent solution sensing probe. This hole is plugged with a large white plastic fastener as shown in FIGURE [2] ITEM "B". There are (2) additional 7/8" holes provided for dispensing detergent into wash tank, (1) hole is located in wash tank at back of machine and is located for dispensing of powdered detergent, the other hole is located on top of machine directly above wash tank and is located for dispensing liquid detergent.

----- C U R T A I N I N S T A L L A T I O N -----

There are (5) CURTAINS provided for each Model 44CE, 44CEL and (6) curtains provided for each Model 66CERPW and 66CELRPW. All curtains MUST be install in specified arrangement for machine to function properly. Curtain sizes are LONG, MEDIUM and SHORT. REFER TO FIGURE [4] FOR DETAILS.

CURTAIN PLACEMENT

S T E P S : MODELS 44CE AND 44CEL (5 CURTAINS -SUPPLIED)

1. Install (2) LONG CURTAINS, (1) to the outside vent cowl hooks at WASH side and (1) to the outside vent cowl hook at FINAL RINSE side. Install (2) MEDIUM CURTAINS, (1) to the INSIDE vent cowl hooks at the FINAL RINSE side and (1) to hooks between FINAL RINSE and WASH section as shown in FIGURE [4]. Install (1) SHORT CURTAIN to INSIDE vent cowl hooks at WASH side.

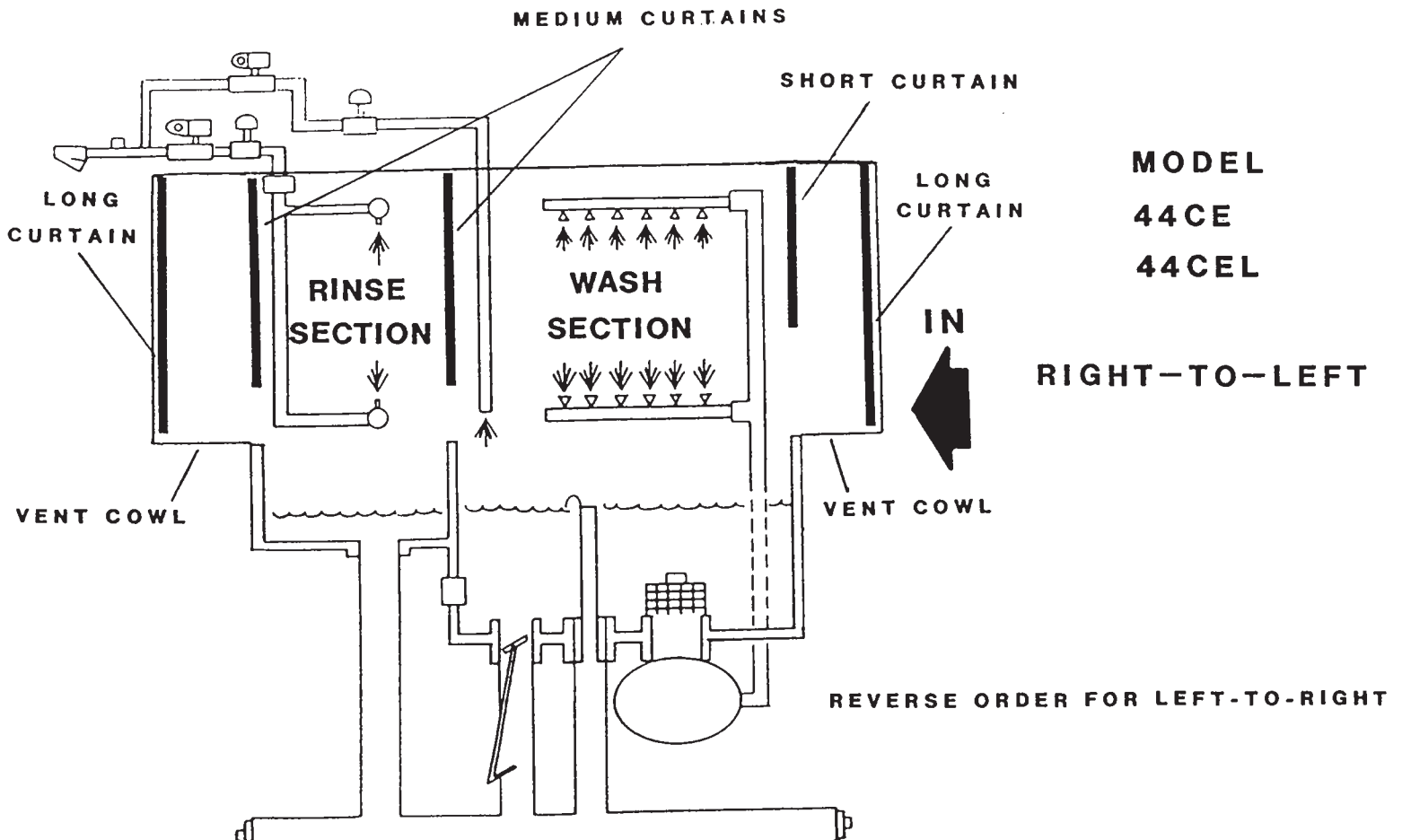
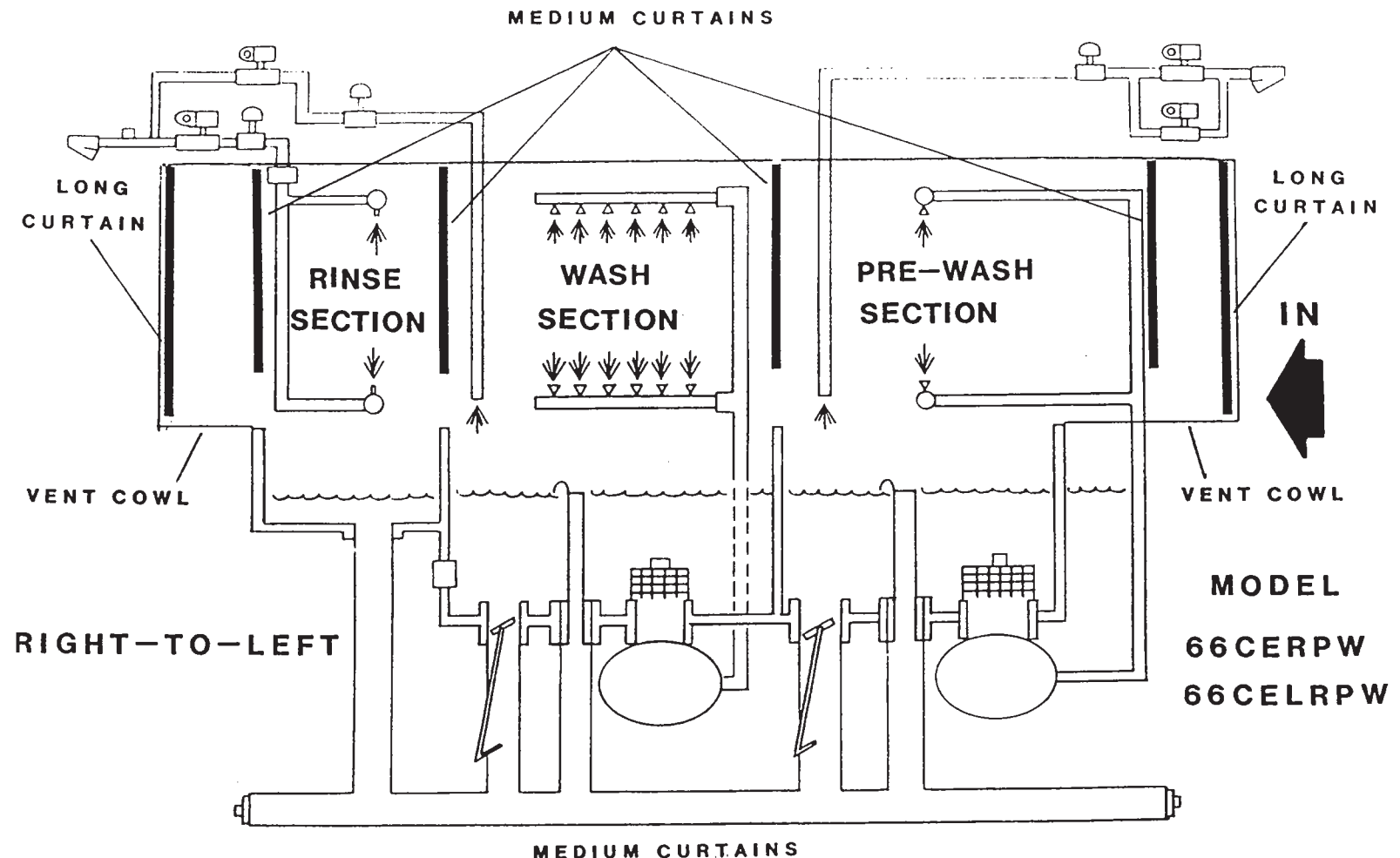
S T E P S : MODELS 66CERPW AND 66CELRPW (6 CURTAINS SUPPLIED)

1. Install (2) LONG CURTAINS, (1) to the outside vent cowl hooks at WASH side and (1) to the outside vent cowl hooks at FINAL RINSE side. Install (4) MEDIUM CURTAINS, (1) to the INSIDE vent cowl hooks at the FINAL RINSE side and (1) to hooks between FINAL RINSE and WASH section, (1) to hooks between WASH section and PRE-WASH section and (1) to the INSIDE vent cowl hooks at the PRE-WASH side as shown in FIGURE [4].

PROCEED TO INSTALLATION OF STRAINERS, OVERFLOW TUBES, WASH/PREWASH TUBES

CURTAIN INSTALLATION

FIGURE-4



----- I N S T A L L A T I O N -----

----- S T R A I N E R I N S T A L L A T I O N -----

S T E P S : WASH PUMP TANK INTAKE STRAINER

1. Install strainer into proper position as shown in FIGURE [5].

PAN STRAINERS WASH AND PREWASH SECTIONS

2. Install WASH strainers into tank as shown. Machines equipped with PRE-WASH "RPW", Install strainers into prewash tank.

----- O V E R F L O W T U B E I N S T A L L A T I O N -----

S T E P S :

1. Install the LONG overflow standoff tube into WASH TANK drain seat firmly. Insure "o" ring is properly seated. Machines equipped with PRE-WASH "RPW", Install SHORT overflow standoff tube into PREWASH drain seat firmly.

----- W A S H A R M T U B E I N S T A L L A T I O N -----

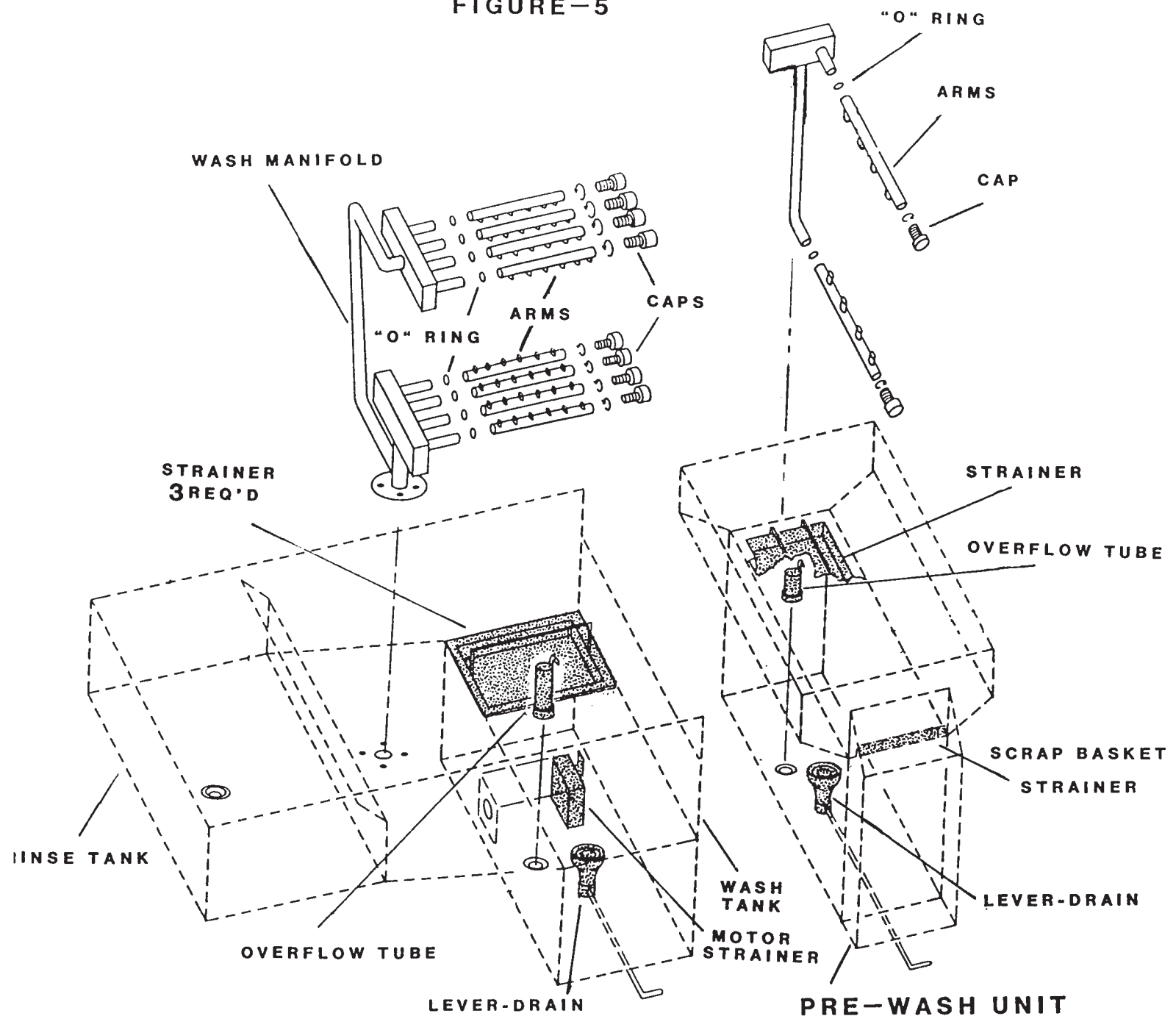
S T E P S :

1. Install all WASH ARM TUBES into UPPER AND LOWER WASH manifolds as shown in FIGURE [5]. Insure all tubes are properly seated into MANIFOLD "O" RING and all tubes are pointing straight.
2. Machines equipped with PRE-WASH "RPW", Install all WASH ARM TUBES into UPPER AND LOWER WASH manifolds as shown in FIGURE [5]. Insure all tubes are properly seated and straight.

P L E A S E C O M P L E T E T H E F O L L O W I N G
I N S T A L L A T I O N C H E C K L I S T C O M P L E T E L Y
B E F O R E P R O C E E D I N G T O M A C H I N E
O P E R A T I O N A L S T A R T - U P A N D C H E C K

INTERNAL COMPONENT LAYOUT

FIGURE-5



MODELS 44CE/44CEL ARE NOT EQUIPPED WITH PRE-WASH

MODELS 66CERPW/66CELRPW ARE EQUIPPED WITH PRE-WASH

I N S T A L L A T I O N C H E C K L I S T

PLEASE CHECK OFF THE FOLLOWING ITEMS AS THEY ARE COMPLETED, ALL ITEMS MUST BE COMPLETED AND CHECKED OFF BEFORE PROCEEDING TO MACHINE OPERATION.

IN THE EVENT THAT YOUR MACHINE CONTAINS DAMAGED OR MISSING PARTS, OR INSTALLATION INFORMATION IS NEEDED, PLEASE CALL ONE OF THE AUTHORIZED SERVICE AGENCIES, DEALERSHIP WHERE PURCHASED OR JACKSON PRODUCTS COMPANY, TAMPA , FLORIDA 33617, (813) 971-6262. PLEASE WRITE A LETTER IF NECESSA

- | | | | | |
|---|-----|--------------------------|----|--------------------------|
| 1. Is machine properly leveled | YES | ☐ | NO | ☐ |
| 2. Is drain connection installed | YES | ☐ | NO | ☐ |
| 3. Is line power connected to SERVICE DISCONNECT in CONTROL BOX | YES | ☐ | NO | ☐ |
| 4. Is machine properly GROUNDED INSIDE CONTROL BOX at GROUND terminal provided | YES | ☐ | NO | ☐ |
| 5. Is MACHINE VOLTAGE at L1, L2, and L3 (if applicable) correct to specified voltage on DATA PLATE | YES | ☐ | NO | ☐ |
| 6. Has MACHINE VOLTAGE been checked at L1 and L2 to insure a HIGH/WILD LEG is not connected to L1 OR L2 (VOLTAGE EXCEEDING 150 VAC TO GROUND WOULD INDICATE A HIGH LEG) | YES | ☐ | NO | ☐ |
| 7. Is machine SERVICE BREAKER properly SIZED for TOTAL LOAD AMPS specified on DATA PLATE | YES | ☐ | NO | ☐ |
| 8. Is machine SERVICE BREAKER properly marked to indicate DISHWASHING MACHINE | YES | ☐ | NO | ☐ |
| 9. Are the machine CURTAINS installed in proper arrangement as specified | YES | ☐ | NO | ☐ |
| 10. Is the STRAINER for the wash tank pump intake installed | YES | ☐ | NO | ☐ |
| 11. Is the OVERFLOW STANDOFF TUBE installed properly into the WASH TANK drain seat | YES | ☐ | NO | ☐ |
| 12. Is the OVERFLOW STANDOFF TUBE installed properly into the PRE-WASH TANK drain seat (MACHINES EQUIPPED WITH PRE-WASH ONLY) | YES | ☐ | NO | ☐ |
| 13. Are all pan strainers installed into tanks | YES | ☐ | NO | ☐ |
| 14. Are all WASH and PRE-WASH (MACHINES EQUIPPED WITH PRE-WASH) ARMS properly installed and straight | YES | ☐ | NO | ☐ |
| 15. Is a 180 F. HOT WATER supply line with proper capacity and at 20 PSI FLOW PRESSURE connected to FINAL RINSE INCOMING PLUMBING (FOR HOT WATER SANITIZING MACHINES ONLY) | YES | ☐ | NO | ☐ |
| 16. Is a 140 F. HOT WATER supply line connected to FINAL RINSE IMCOMING PLUMBING | | | | |
| 17. Is a 140 F. HOT WATER supply line with proper capacity and at 20 PSI FLOW PRESSURE connected to PRE-WASH INCOMING PLUMBING (FOR MACHINES EQUIPPED WITH PRE-WASH ONLY) | YES | ☐ | NO | ☐ |
| 18. Is CHEMICAL DISPENSING EQUIPMENT installed on LOW TEMPERATURE CHEMCIAL SANITIZING MACHINES with CHLORINE injection into FINAL RINSE LINE adjusted for 50 PART PER MILLION SOLUTION. | YES | ☐ | NO | ☐ |

PROCEED TO OPERATIONAL START - UP AND CHECK

JACKSON / ALCO PRODUCTS CO.

O P E R A T I O N

O P E R A T I O N A L S T A R T - U P A N D C H E C K

Complete the following OPERATIONAL START-UP AND CHECK only after all INSTALLATION requirements have been completed and the INSTALLATION CHECKLIST provided is marked "YES" for all items listed.

The OPERATIONAL START-UP AND CHECK will provide instructions for the OPERATOR to complete STEP-BY-STEP so machine may be started and checked for proper machine operation. These instructions will include machines equipped with RECIRCULATING PRE-WASH "RPW".

S T E P S :

1. Close door(s) to machine.
2. Close HAND OPERATED DRAIN VALVES completely.
3. Fill machine WASH TANK and PRE-WASH (if equipped) with hot water. NOTE: Machines are filled with HOT WATER by MANUALLY OPENING incoming water hand-valve (WASH and PRE-WASH, IF EQUIPPED) or AUTOMATICALLY on machines equipped with AUTO FILL feature. Machines with MANUAL FILL will have HAND VALVES and machines with AUTO FILL will have INDICATOR LIGHT on CONTROL PANEL labeled "AUTO FILL".

MACHINES EQUIPPED WITH MANUALLY OPERATED HAND-VALVE(S), PROCEED AS FOLLOWS:

(a) OPEN and latch door to WASH tank and PRE-WASH, if equipped. Remove closest PAN STRAINER in both WASH TANK and PRE-WASH, if equipped. This will allow visual observation of OVERFLOW standoff tubes in each tank, allow water to FILL to TOP of OVERFLOW TUBES and SHUT OFF hand valves.

(b) Manually OPEN hand-valves for WASH TANK and PRE-WASH TANK (if equipped) allow tanks to FILL to proper water level. CLOSE DOORS.

MACHINES EQUIPPED WITH AUTO-FILL FEATURE, PROCEED AS FOLLOWS:

Machines equipped with AUTO FILL will have indicator light on CONTROL PANEL labeled "AUTO FILL".

- (a) Turn POWER ON at MACHINE SERVICE DISCONNECT at back of CONTROL PANEL.
- (b) Turn POWER ON at MACHINE CONTROL PANEL. The MACHINE will AUTOMATICALLY FILL to proper water level and shut off incoming water, the AUTO FILL INDICATOR LIGHT will light as machine fills and go out when water level is reached. PROCEED TO NEXT PAGE.

O P E R A T I O N

WASH TANK, PRE-WASH TANK AND FINAL RINSE WATER TEMPERATURES

WASH TANK, PRE-WASH TANK (if equipped) and FINAL RINSE WATER temperatures MUST be reached BEFORE machine can be used to SANITIZE and WASH ware properly.

4. OBSERVE the WASH, PRE-WASH and FINAL RINSE DIGITAL GUAGES until proper temperatures are reached as follows:
 - (a) HOT WATER SANITIZING MACHINES will maintain the WASH TANK water at 165 F. and LOW TEMPERATURE CHEMICAL SANITIZING MACHINES will maintain the WASH TANK water at 142 F. NOTE: A small RED LIGHT at the RIGHT BOTTOM CORNER of the WASH TEMPERATURE GUAGE will indicate that the WASH TANK HEATER is "ON" but the REQUIRED temperature has not been reached, when this temperature is reached the RED LIGHT will go OUT.
 - (b) PRE-WASH TANK water temperature (if equipped) should read 140 F. MAXIMUM.
 - (c) FINAL RINSE HOT WATER temperature should read 180 F. MINIMUM for HOT WATER SANITIZING MACHINES and 140 F. for LOW TEMPERATURE CHEMICAL SANITIZING MACHINES.
- (5) AUTOMATIC OR MANUAL OPERATION: Machine may be operated either in AUTO or MANUAL MODES, in the AUTO MODE, the dishwasher will only run when a rack of dishes is placed on the CONVEYOR, as rack LEAVES MACHINES WASH SPRAY, PRE-WASH SPRAY (if equipped) and FINAL RINSE SPRAY will STOP.

In the MANUAL MODE, all dishwashing functions will RUN CONTINUOUSLY.

- (a) Place machine in AUTO or MANUAL MODE.
- (6) Place a rack of dishes onto conveyor and allow to WASH and EXIT machine at FINAL RINSE.

NOTE: When the rack leaves the FINAL RINSE end of the machine, it should be removed and not allowed to accumulate more than three racks on the table.

TABLE LIMIT SWITCH (OPTIONAL): The table limit switch will shut off machine as racks build up and as racks are removed, machine will RESTART AUTOMATICALLY.

WARNING: Should the HEATER OVERLOAD INDICATOR LIGHT come on, immediately turn off machine. This indicates a HEATER CIRCUIT MALFUNCTION, contact a authorized SERVICE AGENCY for assistance.

LUBRICATION INSTRUCTIONS

CONVEYOR DRIVE MOTOR GEAR-CASE LUBRICATION

WARNING: IMPROPER OIL LEVEL OR UNAPPROVED SUBSTITUTE OIL MAY CAUSE SERIOUS DAMAGE TO CONVEYOR GEAR DRIVE.

KEEP GEAR CASE FILLED TO PROPER LEVEL WITH AN OIL SUITABLE FOR BRONZE WORM GEARING. CHANGE OIL AFTER FIRST WEEK OF SERVICE AND TWICE YEARLY THEREAFTER. USE HOLE NEAREST HORIZONTAL CENTERLINE OF GEAR CASE AS OIL LEVEL.

AIR TEMPERATURE F.

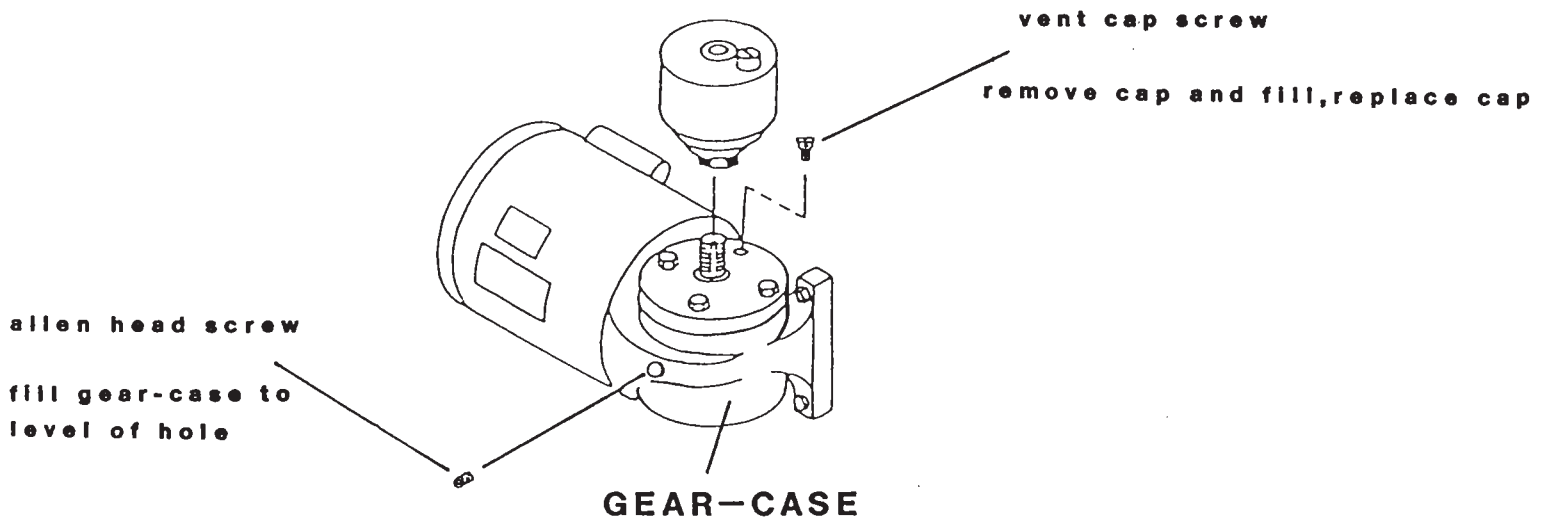
AGMA NO.

15 - 60
50 - 125

7 EP
8 EP

TEXACO INC. "MEROPA 680 CT JP 011485 gear-case oil has been factory filled to proper level and will not need servicing until after first week of service.

CONVEYOR MOTOR



GENERAL INSTRUCTIONS

Preventive Maintenance

(To be performed as needed)

Note: Read carefully. Proper maintenance of your Jackson Dishwasher will insure optimum service with a minimum of down time.

- 1.) Remove all lime and corrosion deposits.
 - a.) Fill the machine with water as normal.
 - b.) Open doors and place de-liming compound into the wash water in accordance with the directions on the label. Close doors.
 - c.) Turn on the machine in the manual mode and allow to run for 5 minutes.
 - d.) Turn off the machine, open doors and inspect the interior. All lime should be removed and parts should be removed and parts should appear shiny. If not, allow to run for a longer period.
 - e.) When the interior of the machine is clean, drain the water and refill.
 - f.) After refilling, allow machine to run for 2 minutes and drain again.
 - g.) Refill machine and resume normal operation.
- 2.) Clean strainers. (every meal period or more)
 - a.) Turn off unit and drain water.
 - b.) Remove and clean all strainers thoroughly.
 - c.) Replace strainers and refill machine. Resume normal operation.
- 3.) Clean wash tubes.
 - a.) Remove wash tubes by turning arms 45° and sliding tubes out.
 - b.) Remove end plugs by unscrewing.
 - c.) Flush tubes with water until clean.
 - d.) Reassemble and replace.

- 4.) Clean final rinse heads.
 - a.) Remove end plugs.
 - b.) Clear spray nozzles using a pointed tool.
 - c.) Close doors and activate manual cycle momentarily.
 - d.) Replace end plugs.
- 5.) Clean Y-strainer on incoming water line.
 - a.) Turn off water to the machine.
 - b.) Relieve line pressure by opening fill valve.
 - c.) Remove plug and strainer. Clean using a brush and de-limer.
 - d.) Replace strainer and plug.
- 6.) Clean exterior of the machine using a stainless steel polish.

R E P L A C E M E N T P A R T P R O C E D U R E S

----- REPLACEMENT PART PROCEDURES -----

The REPLACEMENT PART PROCEDURE SECTION will contain information necessary to REMOVE and REPLACE a MALFUNCTIONING or DEFECTIVE part which has been DIAGNOSED as a FAULTY PART. REFER to the TROUBLESHOOTING SECTION and WIRING SCHEMATICS to assure proper diagnosing of machine failure.

The REPLACEMENT PART PROCEDURE SECTION will also contain information on CALIBRATION and ADJUSTMENT of equipment, such as:

CONVEYOR SYSTEM CLUTCH

AUTO CYCLE TIMER

DIGITAL GUAGE CALIBRATION

CONTROL BOX ELECTRICAL COMPONENTS

The REPLACEMENT PART SECTION contains procedures for replacing the following parts:

WATER SOLENOIDS

WASH HEATER

WASH MOTOR AND PUMP

PRE-WASH MOTOR AND PUMP

CONVEYOR MOTOR

VACCUM BREAKER

PADDLE LIMIT SWITCHES

CONTROL BOX ELECTRICAL COMPONENTS

I L L U S T R A T E D P A R T S L I S T

----- ILLUSTRATED PARTS LIST -----

The ILLUSTRATED PARTS LIST SECTION will contain EXPLODED ASSEMBLY DRAWINGS illustrating a complete PARTS LIST for the SINGLE-TANK RACK CONVEYOR SERIES

WHEN ORDERING A REPLACEMENT PART: Call a JACKSON PRODUCTS PART DISTRIBUTOR from the PART DISTRIBUTOR LIST provided in the back of this manual.

PROVIDE THE FOLLOWING INFORMATION WHEN ORDERING:

MODEL NUMBER

MACHINE VOLTAGE AND PHASE

SERIAL NUMBER

REPLACEMENT PART NUMBER(S)

CAUTION: NEVER SUBSTITUTE A JACKSON PRODUCT PART WITH AN UNAUTHORIZED PART.

SERVICE INSTRUCTIONS

(INCOMING WATER SOLENOID VALVE)

To Take The Valve Apart

Disassembly - These valves may be taken apart by unscrewing the bonnet and the enclosing tube assembly from the valve body assembly. See Fig. 3. After unscrewing, carefully lift off the bonnet and enclosing tube assembly. Don't drop the plunger. The "O" ring seal and diaphragm cartridge can now be lifted out.

Be careful not to damage the machined faces while the valve is apart.

To Reassemble - Place the diaphragm cartridge in the body with the pilot port extension UP. Hold the plunger with synthetic seat against the pilot port. Make sure the "O" ring is in place, then lower the bonnet and enclosing tube assembly over the plunger. Screw bonnet assembly snugly down on the body assembly.

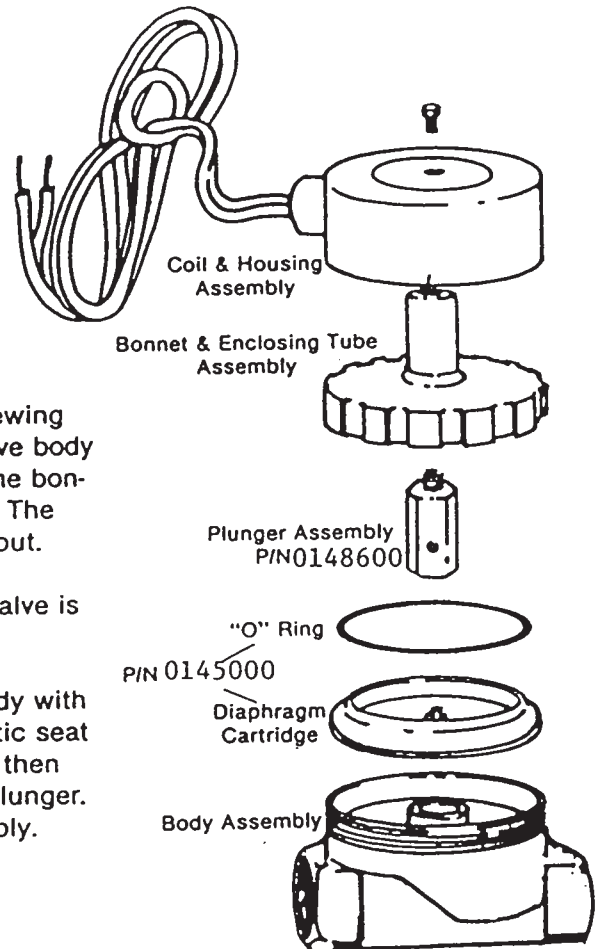
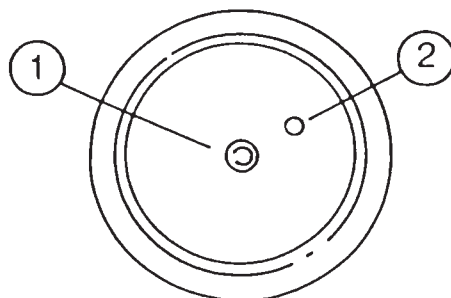


FIG. 3

DIAPHRAGM CARTRIDGE P/N 0145000



Possible Problems

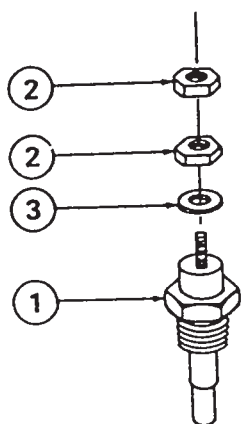
Pilot Port extension #1 clogged

Hole #2 clogged

Remedy

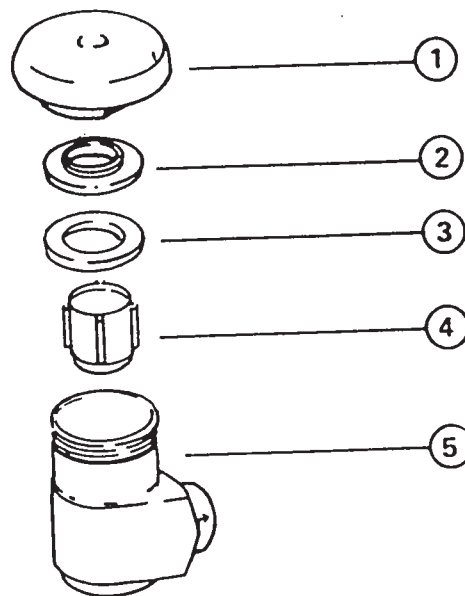
Pass heated straight pin through hole #2 or clean hole #1

**WATER LEVEL
PROBE ASSEMBLY
P/N 0084500**

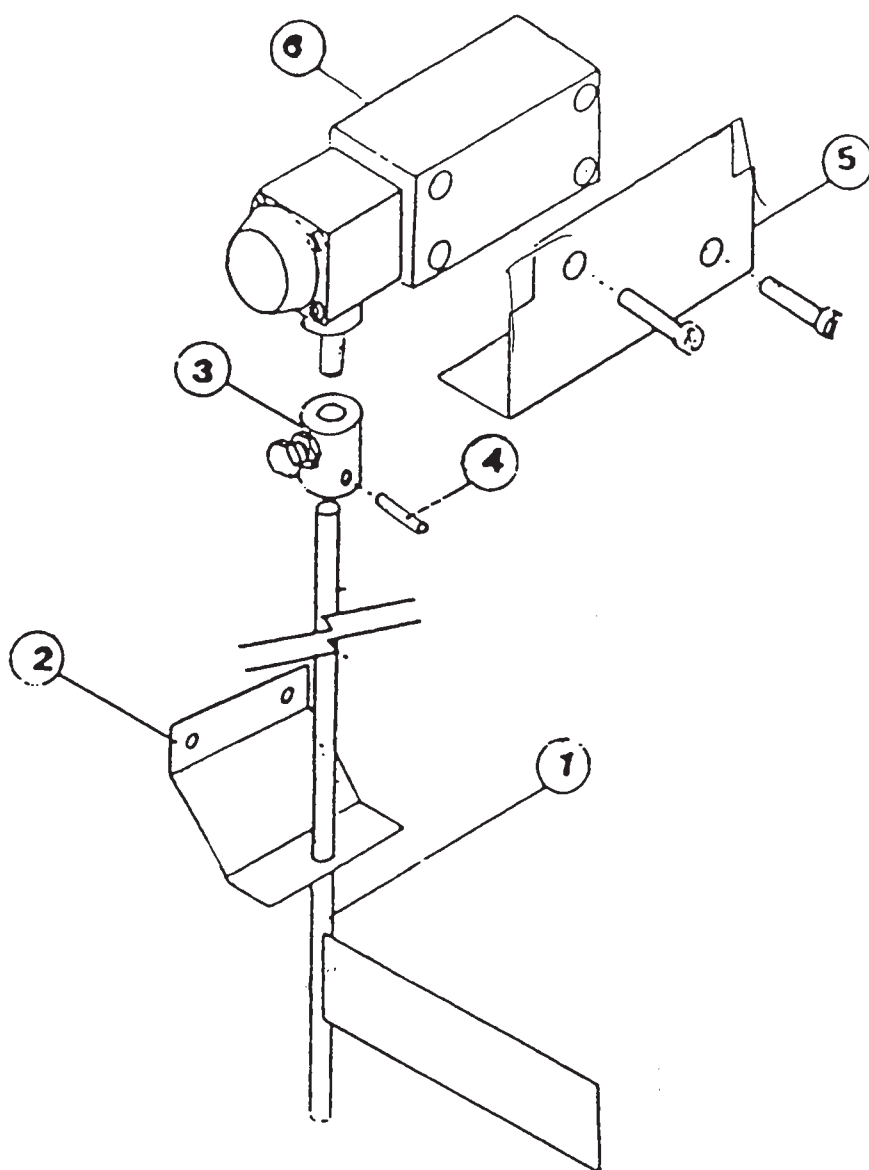


- 1. PROBE BODY
- 2. NUTS
- 3. LOCKWASHER

**VACUUM BREAKER ASSEMBLY
P/N 0184101**



ITEM	P/N	DESCRIPTION
1.		BONNET
2.	0184200	DISK
3.	0184200	GASKET
4.	0184200	POPPET
5.		BODY

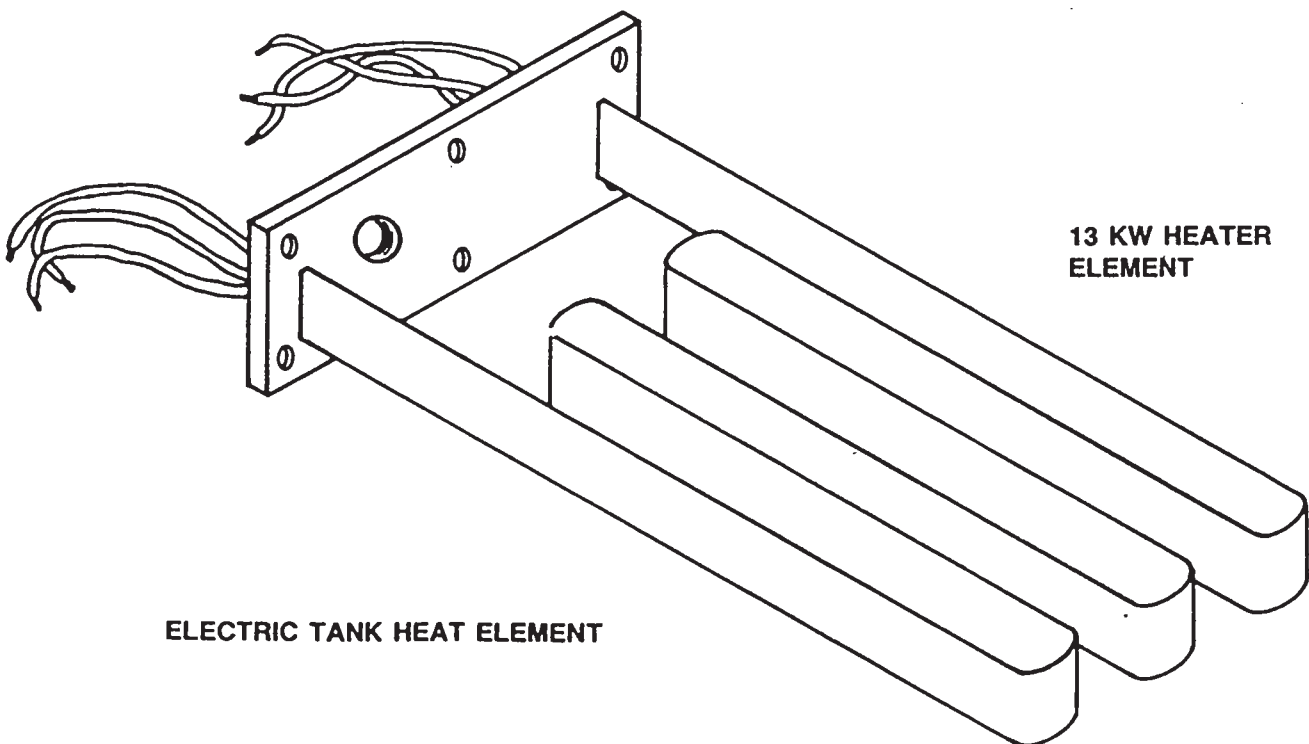
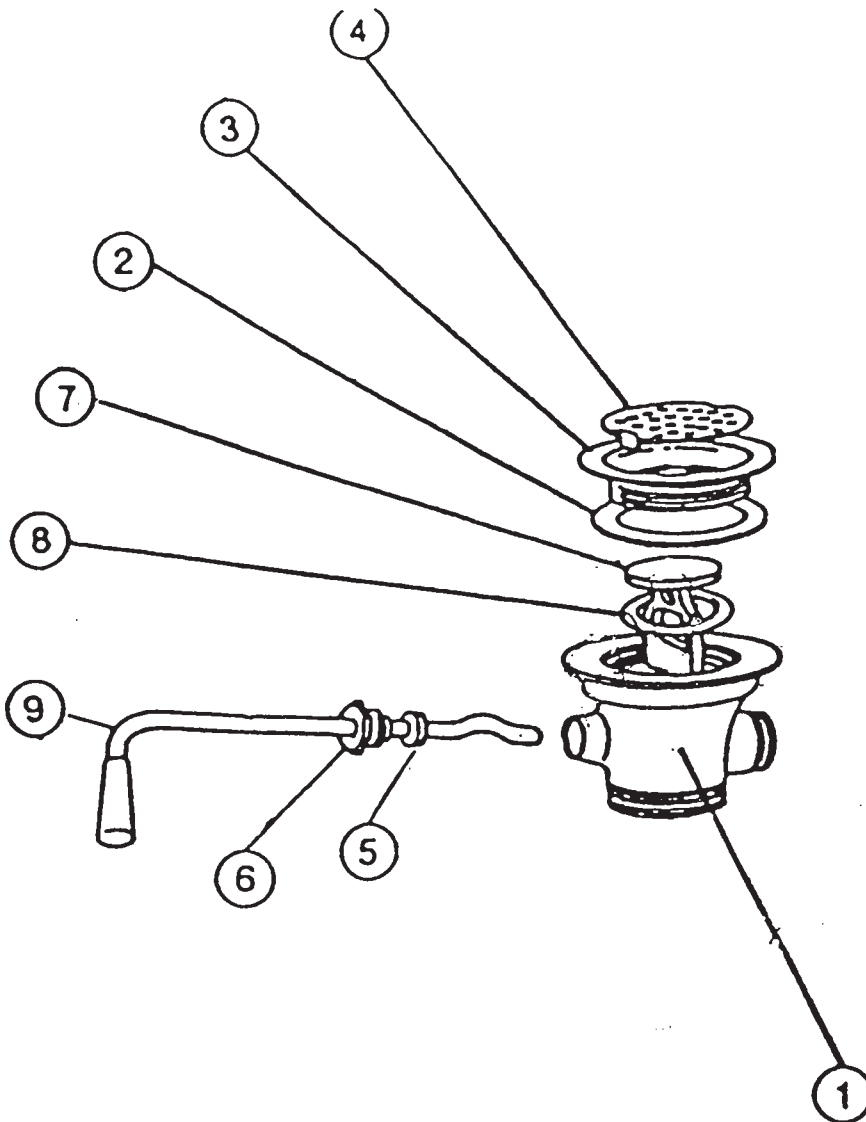


PADDLE SWITCH ASSEMBLY

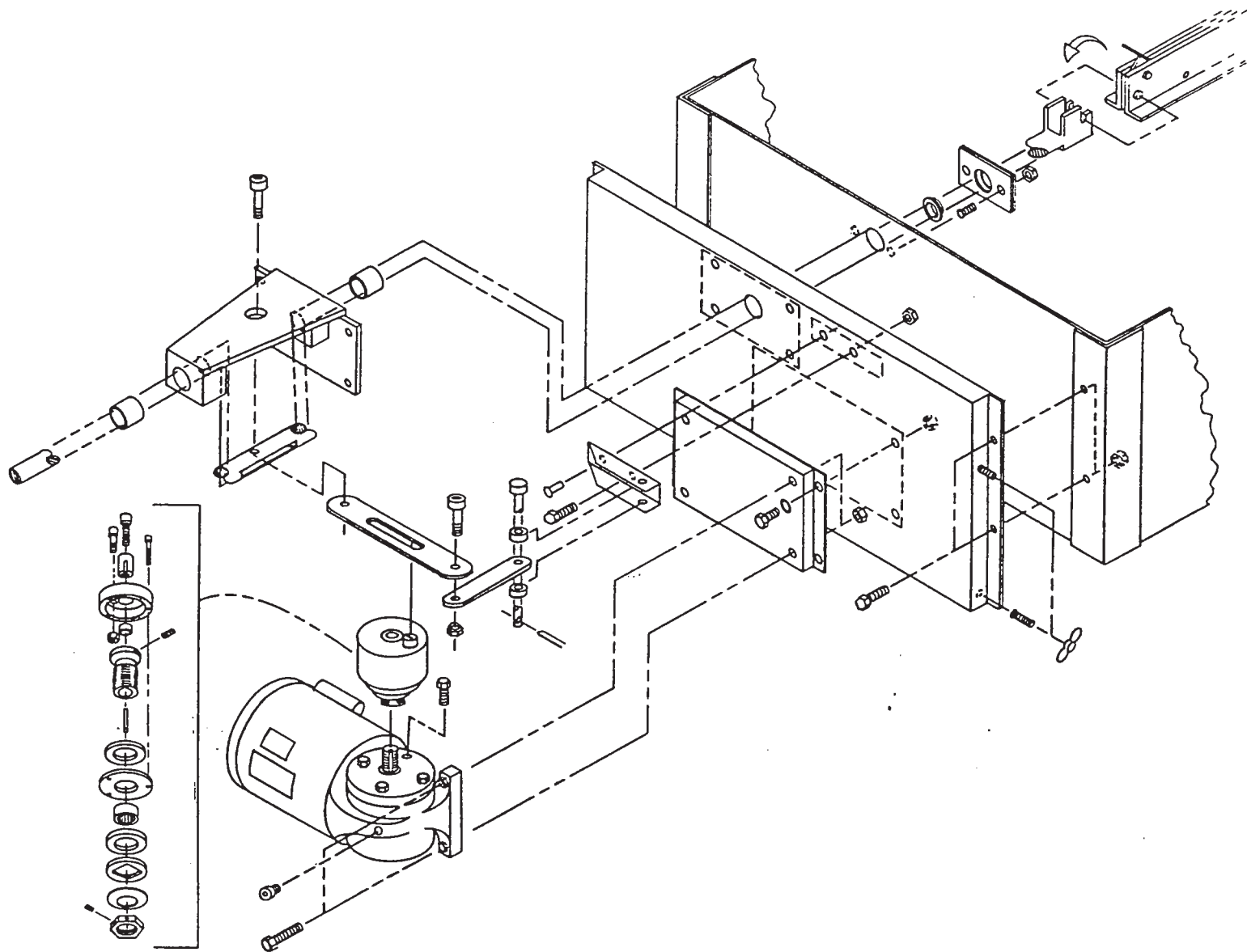
- 1 - 0137600 ACTUATOR ROD & PADDLE
- 2 - 0137900 ACTUATOR ROD BRACKET
- 3 - 0137800 ACTUATOR COUPLING
- 4 - 0137801 ACTUATOR COUPLING ROLLED PIN
- 5 - 0137702 ACTUATOR LIMIT SWITCH BRACKET
- 6 - 0163500 SWITCH (L-P OPERATION)
0163600 SWITCH (R-L OPERATION)

SHORT HANDLE
LEVER OPERATED
DRAIN ASSEMBLY
P/N 0054003

1. VALVE BODY
2. DRAIN VALVE GASKET
3. FLANGE
4. STRAINER
5. "O" RING
6. RETAINING NUT
7. STOPPER
8. "O" RINGS, STOPPER
9. HANDLE, SHORT



ELECTRIC TANK HEAT ELEMENT



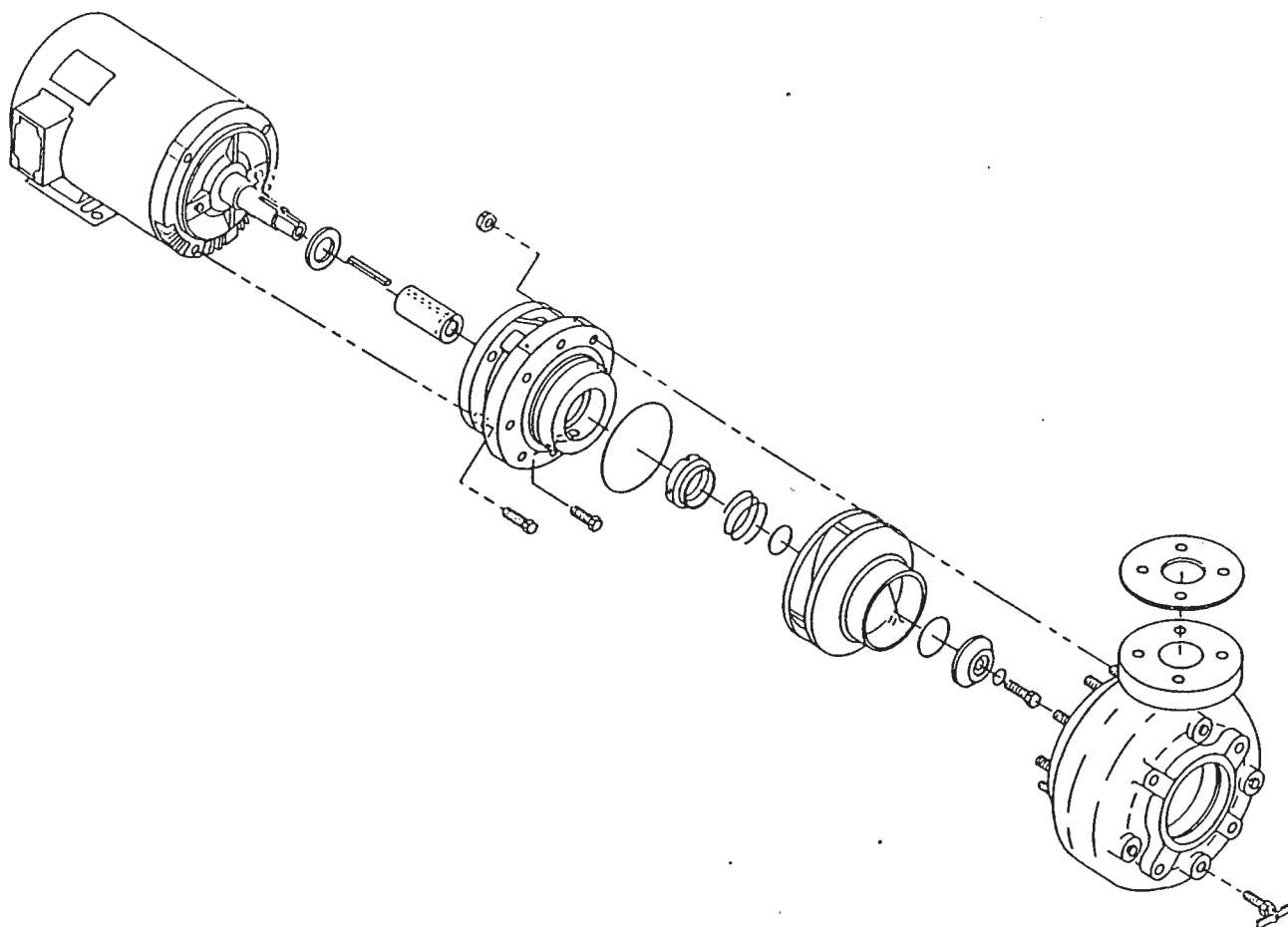
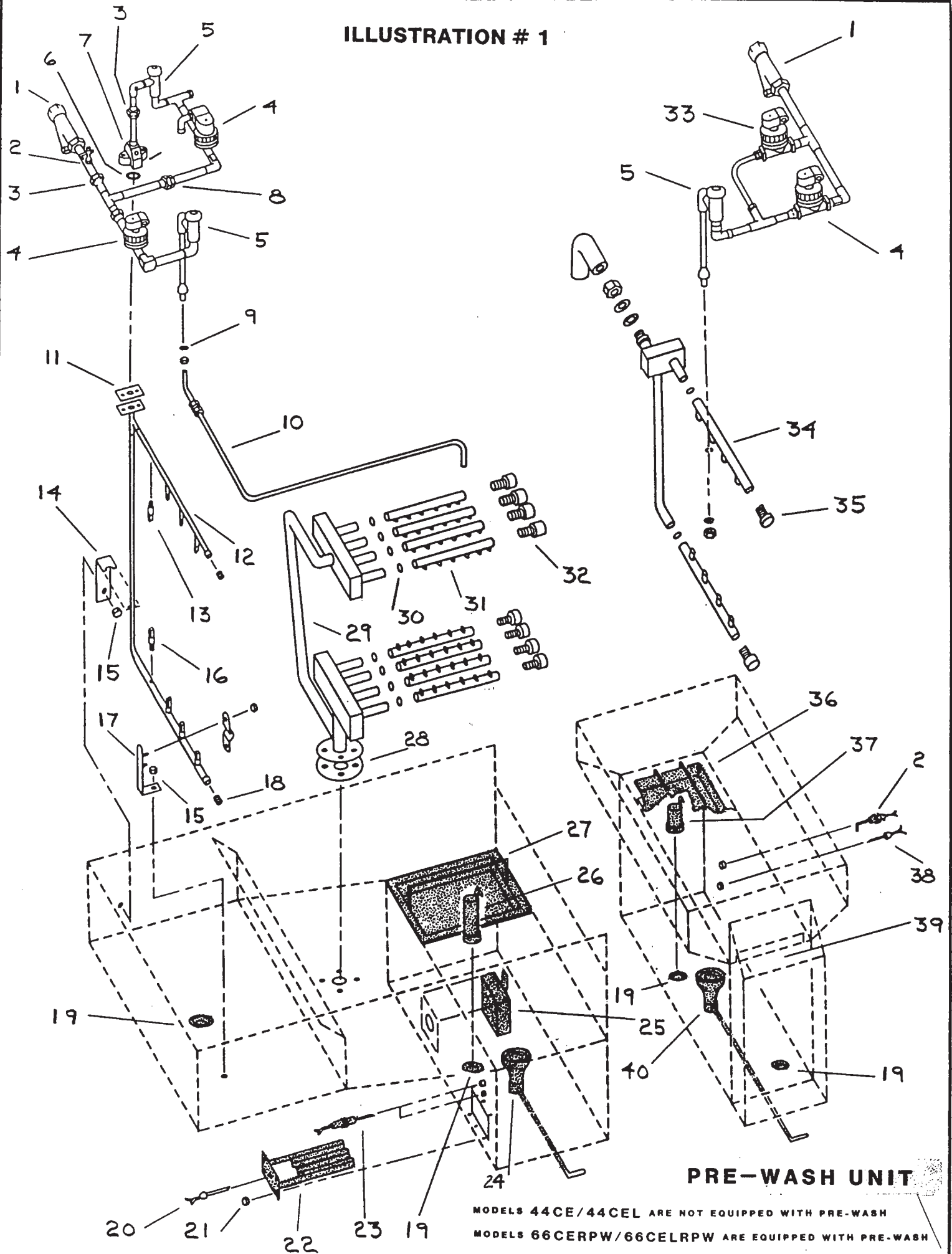


ILLUSTRATION # 1



PRE-WASH UNIT

MODELS 44CE/44CEL ARE NOT EQUIPPED WITH PRE-WASH

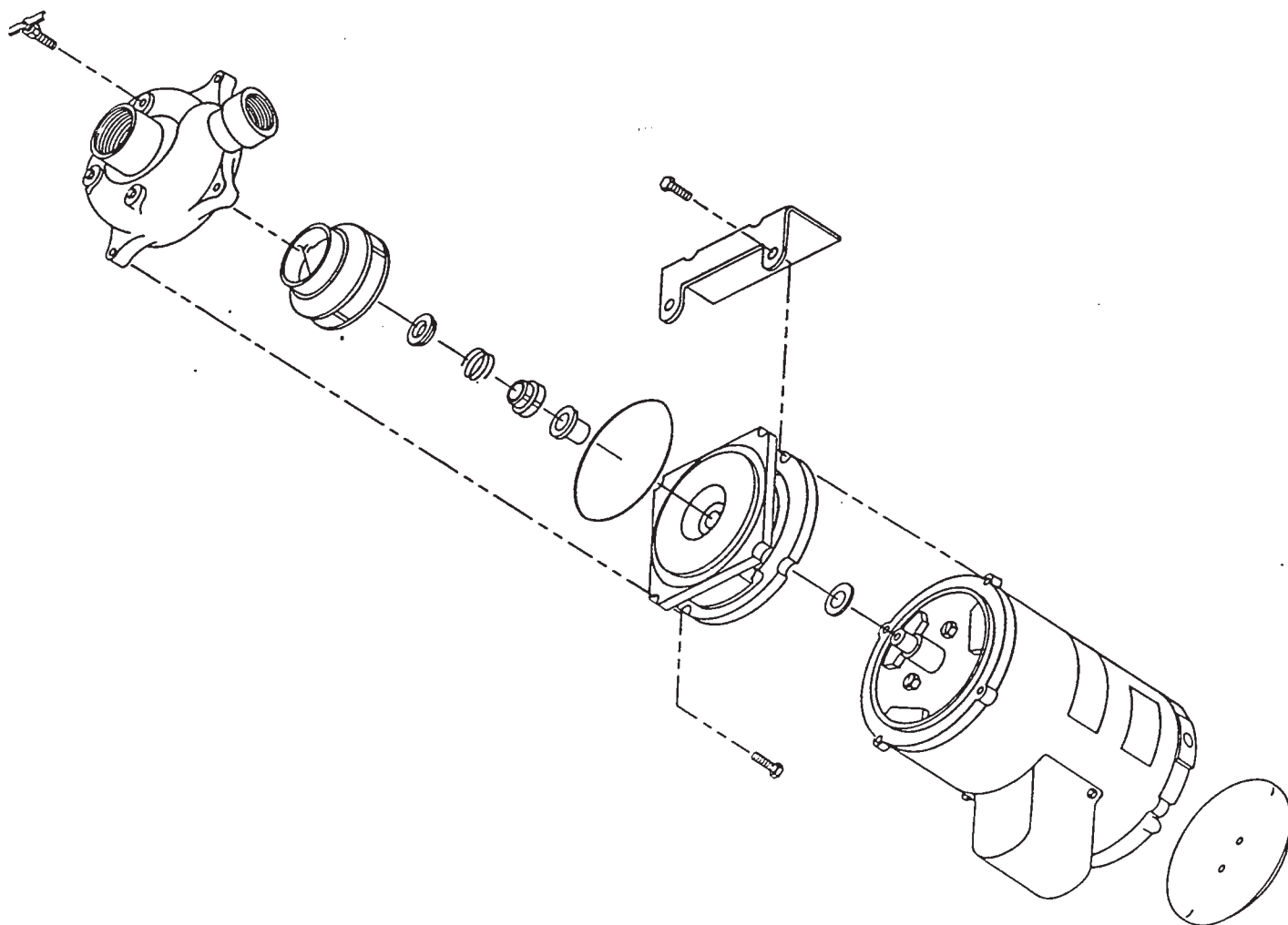
MODELS 66CERPW/66CELRPW ARE EQUIPPED WITH PRE-WASH

ILLUSTRATED PARTS FOR MODEL 44CE AND 66CERPW

(MODEL 44CE AND 22" PREWASH SECTION SHOWN)

ALL PARTS ARE COMMON FOR LEFT-TO-RIGHT OR RIGHT-TO-LEFT

ITEM	SERVICE PART NO.	DESCRIPTION	QTY	ITEM	SERVICE PART NO.	DESCRIPTION	QTY
1		Y-STRAINER 1/2" INCOMING WATER LINE - WASH/RINSE - PREWASH	1	20		WASH HEATER OVERLOAD	1
2		PET COCK	1	21		5/16-18 SS HEX NUT	
3		ADAPTER 1/2" FPT x 1/2" MSOC		22		MODIFIED FIREBAR HEATER 230V, 13 KW	1
4		SOLENOID VALVE 1/2" 24V INCOMING WATER LINE - FINAL RINSE - WASH TANK - PREWASH TANK	1	23		WATER LEVEL PROBE - WASH TANK - PREWASH TANK	2
5	0184101	VACUUM BREAKER INCOMING WATER LINE - FINAL RINSE - WASH TANK - PREWASH TANK	1	24		LEVER OPERATED DRAIN - WASH TANK	1
6		O-RING - INJECTION MANIFOLD	1	25		INTAKE PUMP STRAINER - WASH MOTOR	1
7		FINAL RINSE INJECTION MANIFOLD	1	26		WASH OVERFLOW TUBE - WASH TANK	1
8		UNION 1/2"		27		STRAINER BASKET - WASH TANK	1
9		NEOPRENE WASHER		28		WASH MANIFOLD GASKET	1
10		INTERNAL FILL LINE	1	29		WASH MANIFOLD	1
11		FINAL RINSE TEE GASKET	1	30	0199302	O-RING - WASH ARM	8
12		UPPER RINSE TUBING	1	31		WASH ARM	8
13		SPRAY JET UPPER RINSE H 1/4 SS6508	4	32		WASH ARM END CAPS	8
14		RINSE MANIFOLD SUPPORT VERTICAL	1	33		1/4" SOLENOID VALVE - PREWASH	1
15		10-24 SS NUT w/NYLON INSERT		34		PREWASH WASH ARM	2
16		SPRAY JET LOWER RINSE H 1/8 VV65Q	4	35		PREWASH ARM END CAPS	2
17		RINSE MANIFOLD SUPPORT HORIZONTAL	1	36		PREWASH STRAINER	1
18		BRASS CAP PLUG RINSE ARMS	2	37		OVERFLOW TUBE - PREWASH TANK	1
19		DRAIN SEAT - PREWASH	4	38		TEMPERATURE PROBE - PREWASH TANK	1
				39		SCRAP BASKET - PREWASH TANK	1
				40		LEVER OPERATED DRAIN - PREWASH	1



COMPLETE REPLACEMENT PART LIST
FOR
MODEL-44CE/66CERPW

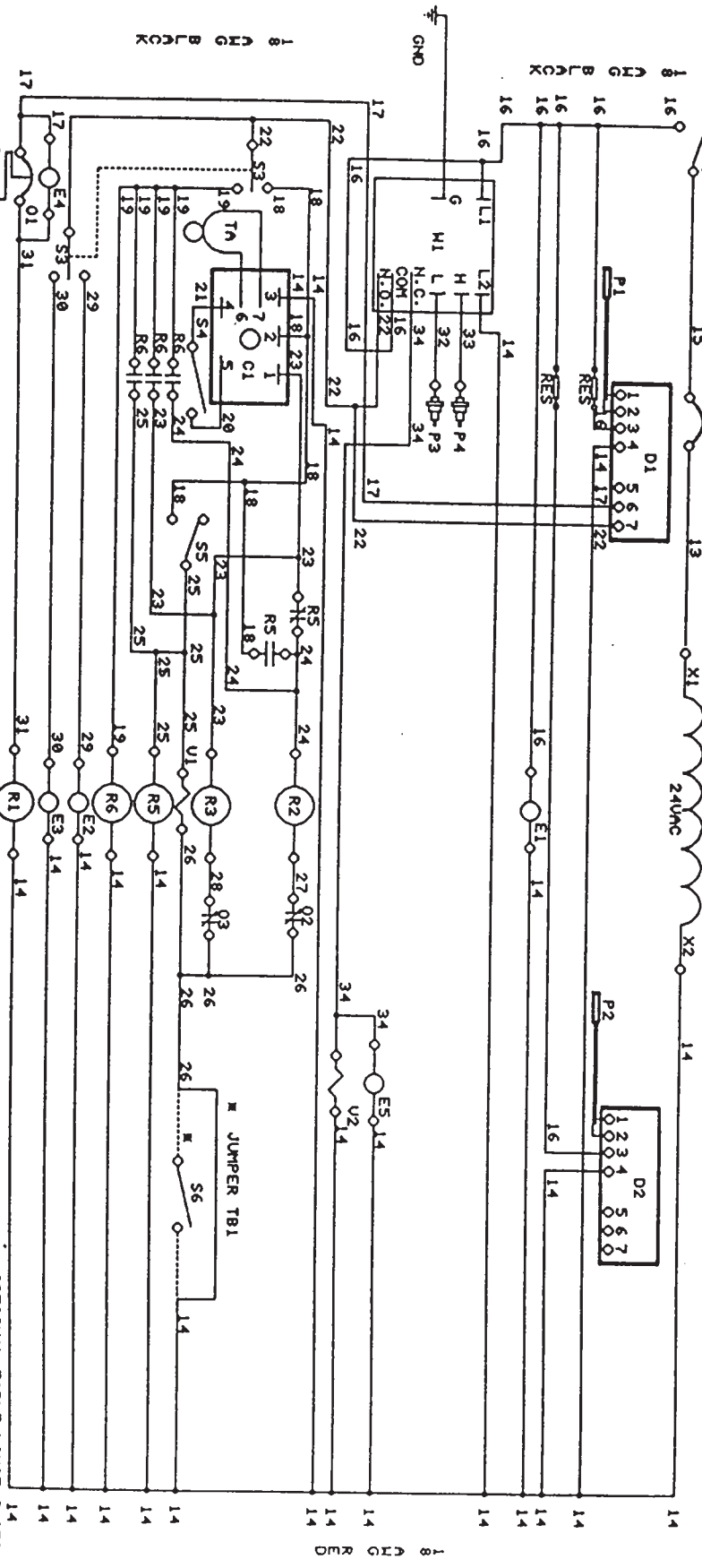
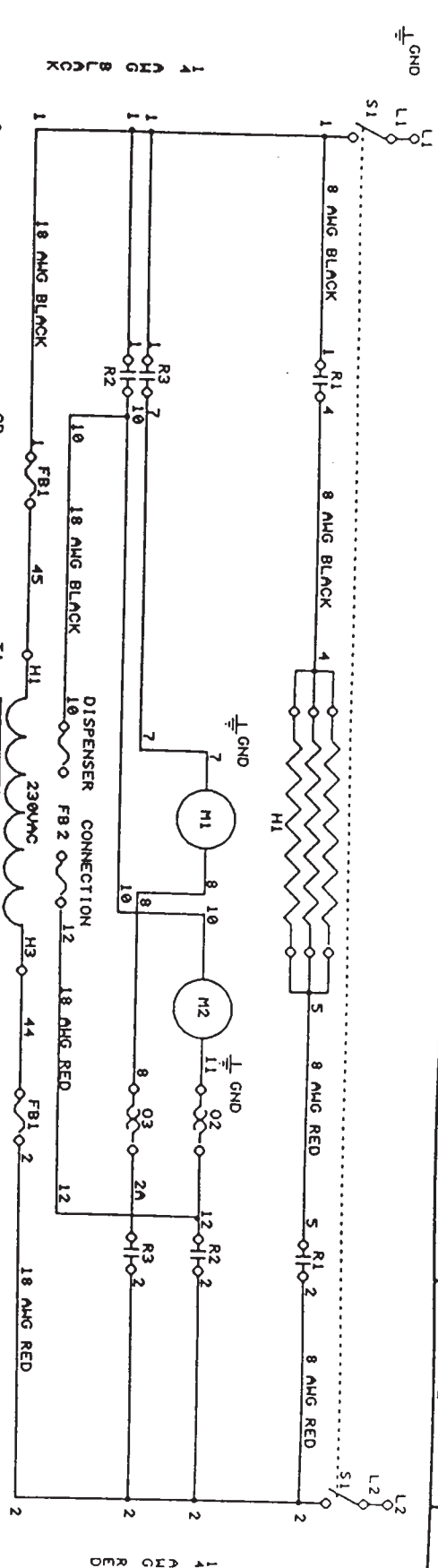
<u>PART NO.</u>	<u>DESCRIPTION</u>
0012600	CIRCUIT BREAKER, 5 AMP, PUSH BUTTON RESET
0029800	CONTROL BOX, LOCK
0034900	CONVEYOR DRIVE MOTOR, 1/4 HP, 220V, 60 CY, 1 PH, 30 RPM
0035001	CONVEYOR DRIVE SHAFT ADAPTER, FOR MOTOR
0035300	CONVEYOR DRIVE ARM
0035500	CONVEYOR DRIVE ARM LINKAGE
0036000	CONVEYOR DRIVE ROD
0036100	CONVEYOR DRIVE ROD, BEARING BRACKET ASSEMBLY
0036503	CONVEYOR DRIVE CAM WHEEL
0037501	CONVEYOR DRIVE, SOCKET HEAD BOLT
0038001	CONVEYOR DRIVE CAM, FOLLOWER BEARING
0038100	CONVEYOR DRIVE CAM, FOLLOWER BEARING LOCKNUT
0038501	CONVEYOR DRIVE CLUTCH, TORQUE LIMITER
0039001	CONVEYOR DRIVE CLUTCH, ADAPTER PLATE
0039501	CONVEYOR DRIVE BUSHING, FOR CAM WHEEL
0040000	CONVEYOR DRIVE ROD BEARING
0040500	CONVEYOR DRIVE ROD WIPER
0041000	CONVEYOR DRIVE SHOULDER SCREW, 1/4"
0041500	CONVEYOR DRIVE SHOULDER SCREW, 3/8"
0042300	CONVEYOR PAWL BAR IDLER ROLLER
0042400	CONVEYOR PAWL BAR IDLER ROLLER BUSHING
0042500	CONVEYOR PAWL BAR ASSEMBLY COMPLETE 44"
0042900	CONVEYOR PAWL BAR, DRIVE CONNECTOR PIN
0043001	CONVEYOR PAWL BAR PAWL (DOG)
0043300	CONVEYOR PAWL BAR ASSEMBLY 66"
0043500	CONVEYOR PAWL BAR SPACER PIN
0044000	CONVEYOR PAWL BAR SPACER BUSHING
0044600	CONVEYOR PAWL BAR BOLTS
0044700	CONVEYOR PAWL BAR NUT (NYLON INSERT)
0045200	CURTAIN ROD
0045300	CURTAIN, MEDIUM
0045301	CURTAIN, SHORT
0045302	CURTAIN, LONG

<u>PART NO.</u>	<u>DESCRIPTION</u>
0050100	DOOR ASSEMBLY, PREWASH
0050200	DOOR STRIP, NYLATRON
0050300	DOOR CATCH
0050400	DOOR ASSEMBLY, WASH
0053001	DOOR HANDLE
0053202	DRAIN STOPPER 'O' RING
0053205	DRAIN OVERFLOW STOPPER, WASH
0053207	DRAIN OVERFLOW STOPPER, PREWASH
0054002	DRAIN 'O' RING (FOR LEVER OPERATED DRAIN)
0054003	DRAIN, LEVER OPERATED (SHORT HANDLE)
0054006	DRAIN, LEVER OPERATED (LONG HANDLE)
0055800	FEED WATER TROUGH (BETWEEN WASH & PREWASH)
	HEATER ELEMENT, WASH, 380V, KW
	HEATER ELEMENT, WASH, 440V, KW
0059201	HEATER ELEMENT, GASKET
0059503	HEATER ELEMENT, WASH, 230V, 13 KW
0059502	HEATER ELEMENT, WASH, 208V, 13 KW
0083105	LEG, LEVELING FOOT
0083502	LIGHT INDICATOR, 24 V
0084500	PROBE, WARRICK
0087702	PUMP SEAL (22" PW)
0087703	PUMP GASKET (22" PW)
0087704	PUMP & MOTOR ASSY, 1/2 HP, 220V, 60 CY, 1 PH, 3450 RPM (22" PW)
0087707	PUMP MOTOR, 1/2 HP, 220V, 60 CY, 1 PH, 3450 RPM (22" PW)
0087708	PUMP & MOTOR ASSY, 1/2 HP, 380V, 50 CY, 3 PH, 2850 RPM (22" PW)
0087709	PUMP MOTOR, 1/2 HP, 380V, 50 CY, 3 PH, 2850 RPM (22" PW)
0087710	PUMP & MOTOR ASSY, 1/2 HP, 220V, 60 CY, 3 PH, 3450 RPM (22" PW)
0087711	PUMP MOTOR, 1/2 HP, 220V, 60 CY, 3 PH, 3450 RPM (22" PW)
0087712	PUMP & MOTOR ASSY, 1/2 HP, 440V, 60 CY, 3 PH, 3450 RPM (22" PW)
0087713	PUMP MOTOR, 1/2 HP, 440V, 60 CY, 3 PH, 3450 RPM (22" PW)
0087804	PUMP & MOTOR ASSY, 1 1/2 HP, 220V, 60 CY, 1 PH, 1745 RPM
0087805	PUMP MOTOR, 1 1/2 HP, 220V, 60 CY, 1 PH, 1745 RPM
0087806	PUMP & MOTOR ASSY, 1 1/2 HP, 220V, 60 CY, 3 PH, 1745 RPM

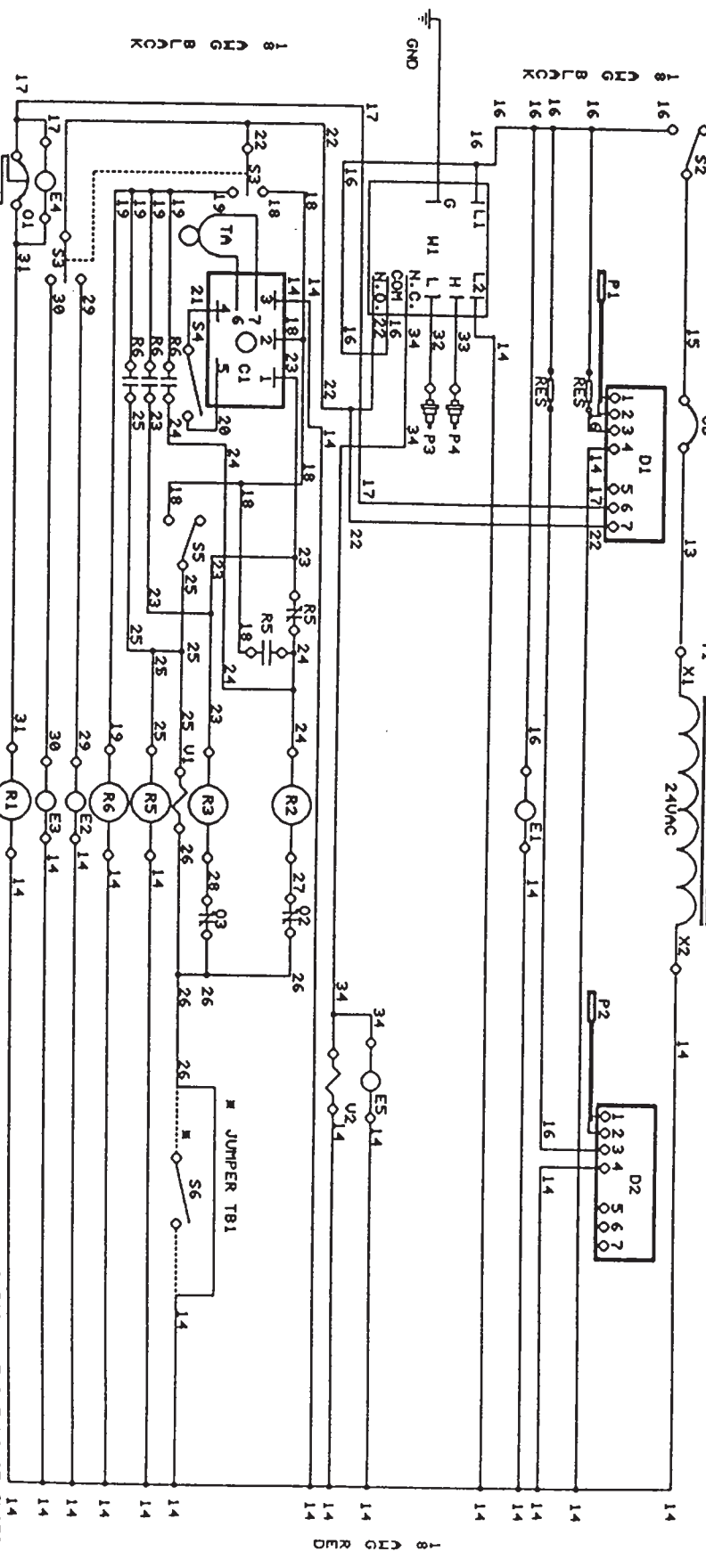
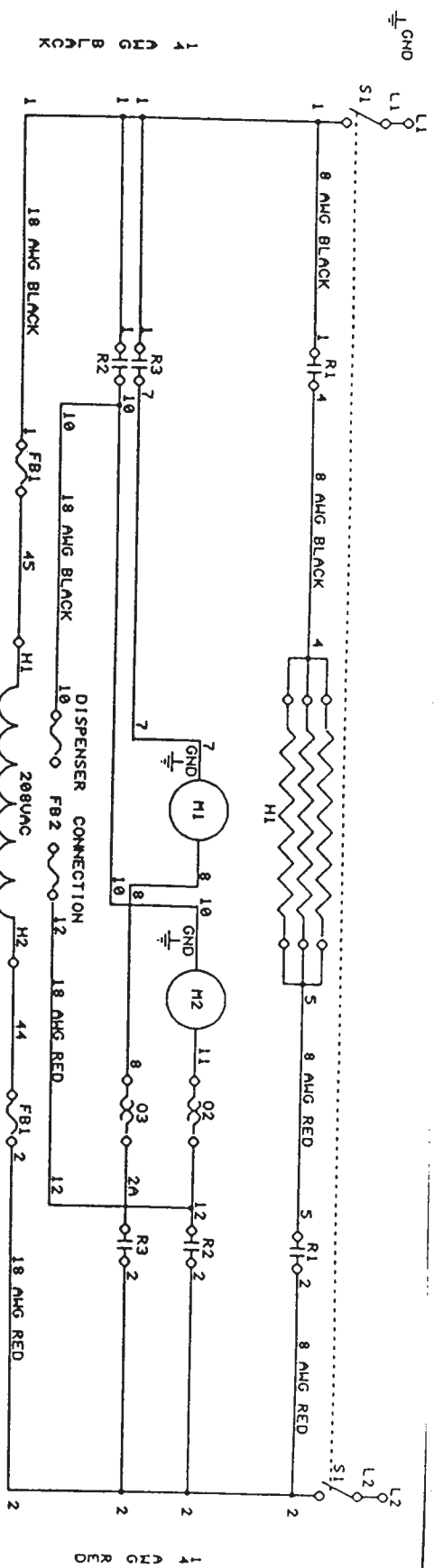
<u>PART NO.</u>	<u>DESCRIPTION</u>
0087807	PUMP MOTOR, 1 1/2 HP, 220V, 60 CY, 3 PH, 1745 RPM
0087808	PUMP & MOTOR ASSY, 1 1/2 HP, 380V, 50 CY, 3 PH, 1450 RPM
0087809	PUMP MOTOR, 1 1/2 HP, 380V, 50 CY, 3 PH, 1450 RPM
0087810	PUMP & MOTOR ASSY, 1 1/2 HP, 440V, 60 CY, 3 PH, 1745 RPM
0087811	PUMP MOTOR, 1 1/2 HP, 440V, 60 CY, 3 PH, 1745 RPM
0087812	PUMP SEAL
0087813	PUMP 'O' RING (GASKET)
0122800	RELAY, OVERLOAD, 3 POLE
0122801	RELAY, OVERLOAD, 1 POLE
0122900	RELAY, OVERLOAD HEATER, E-23 (FOR PREWASH PUMP, 440V, 3 PH)
0122901	RELAY, OVERLOAD HEATER, E-31 (FOR PREWASH PUMP, 220V, 3 PH)
0122902	RELAY, OVERLOAD HEATER, E-34 (FOR CONVEYOR MOTOR, ALL)
0122903	RELAY, OVERLOAD HEATER, E-36 (FOR WASH PUMP, 440V, 3 PH)
0122904	RELAY, OVERLOAD HEATER, E-42 (FOR PREWASH PUMP, 220V, 1 PH)
0122905	RELAY, OVERLOAD HEATER, E-46 (FOR WASH PUMP, 220V, 3 PH)
0122906	RELAY, OVERLOAD HEATER, E-52 (FOR WASH PUMP, 220V, 1 PH)
0123200	RELAY, 3 POLE, 24 V, 60 AMP
0123201	RELAY, 3 POLE, 24 V, 25 AMP
0123202	RELAY, 2 POLE, 24 V, 75 AMP
0123203	RELAY, 2 POLE, 24 V, 25 AMP
0123400	RESISTOR, 5 WATT, 82 OHM
0137600	RINSE OR CYCLE ACTUATOR ROD & PADDLE
0137700	RINSE OR CYCLE ACTUATOR ROD BUSHING
0137701	RINSE OR CYCLE ACTUATOR HELPER SPRING
0137702	RINSE OR CYCLE ACTUATOR LIMIT SWITCH BRACKET
0137800	RINSE OR CYCLE ACTUATOR COUPLING
0137801	RINSE OR CYCLE ACTUATOR COUPLING ROLLED PIN
0137900	RINSE OR CYCLE ACTUATOR ROD BRACKET
0138200	RINSE HEAD ASSEMBLY, FINAL
0138201	RINSE SPRAY NOZZLES, FINAL, UPPER, 1/4"
0138202	RINSE END PLUGS, 3/8" (PIPE PLUG)
0139500	RINSE SPRAY NOZZLES, FINAL, LOWER, 1/8"
0142700	SOLENOID VALVE, 1/2", 24V

<u>PART NO.</u>	<u>DESCRIPTION</u>
0142701	SOLENOID VALVE COIL, 24V, JE
0145000	SOLENOID VALVE DIAPHRAGM KIT, 1/2"
0148600	SOLENOID VALVE PLUNGER, JE GP
0152500	STRAINER, PUMP INTAKE
0152800	STRAINER, BASKET (22" PW)
0152801	STRAINER, PAN (22" PW)
0153400	STRAINER, PAN (WASH)
0153600	STRAINER, 'Y', 1/2"
0156301	SWITCH, DPDT, 3 POSITION, ROCKER TYPE (BLACK ROCKER)
0156600	SWITCH, SERVICE DISCONNECT, 3 POLE, 100AMP
0156601	SWITCH, SERVICE DISCONNECT, 2 POLE, 100 AMP
0159700	SWITCH, SPDT, 2 POSITION, ROCKER TYPE
0163400	SWITCH, TABLE LIMIT
0163500	SWITCH, LIMIT (LEFT TO RIGHT OPERATION)
0163600	SWITCH, LIMIT (RIGHT TO LEFT OPERATION)
0166600	TERMINAL BOARD, 12 POLE
0166601	TERMINAL BOARD JUMPERS
0168700	THERMOMETER, DIGITAL DISPLAY (RINSE & 22" PW)
0168701	THERMOMETER, DIGITAL DISPLAY & TEMP. CONTROL (WASH)
0168702	THERMOMETER PROBE
0168800	THERMOSTATIC OVERLOAD (HI LIMIT) FOR HEATER
0174800	TIMER, 24V, 5 AMP
0174801	TIMER ADJUSTING POT
0180403	TRACK ASSEMBLY, FRONT OR BACK 44"
0180404	TRACK ASSEMBLY, FRONT OR BACK 66"
0180602	TRANSFORMER, MULTITAP, 24V SECONDARY
0180900	TRANSFORMER, 1 KVA, 440/100 (440V UNIT ONLY)
0184101	VACUUM BREAKER, 1/2" CONBRACO
0184200	VACUUM BREAKER REPAIR KIT, 1/2" CONBRACO
0184900	VALVE, 1/2", FILL
0185000	VALVE, 1/4" (FOR PRESSURE GAUGE)
0199100	WASH HEAD TUBE ASSEMBLY (22" PW)
0199201	WASH HEAD END PLUG

<u>PART NO.</u>	<u>DESCRIPTION</u>
0199202	WASH HEAD TUBE, RELEASE MECHANISM (22" PW)
0199300	WASH HEAD TUBE ASSEMBLY, UPPER
0199301	WASH HEAD TUBE ASSEMBLY, LOWER
0199302	WASH HEAD TUBE 'O' RING
0205600	WATER LEVEL CONTROL, 24V
0123204	RELAY, DPTT, 24 VAC (R6)
0123205	RELAY, TPDT, 24 VAC (R5)



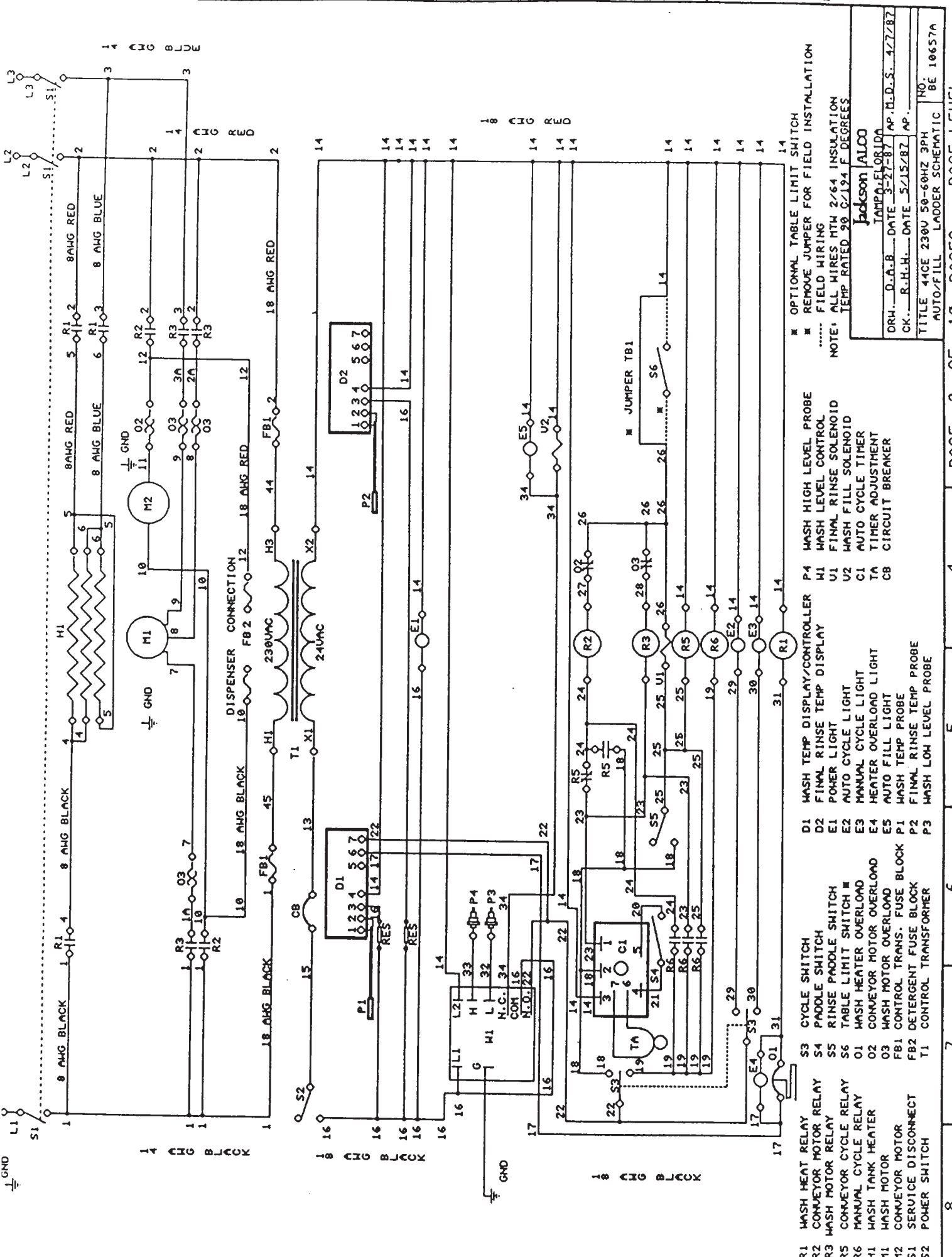
- R1 WASH HEAT RELAY
- R2 CONVEYOR MOTOR RELAY
- R3 WASH MOTOR RELAY
- R4 CONVEYOR CYCLE RELAY
- R5 MANUAL CYCLE RELAY
- R6 WASH TANK HEATER
- R7 WASH MOTOR
- R8 CONVEYOR MOTOR
- R9 SERVICE DISCONNECT
- R10 POWER SWITCH
- S1 CYCLE SWITCH
- S2 PADDLE SWITCH
- S3 RINSE PADDLE SWITCH
- S4 TABLE LIMIT SWITCH
- S5 WASH HEATER OVERLOAD
- S6 CONVEYOR MOTOR OVERLOAD
- S7 WASH MOTOR OVERLOAD
- S8 F81 CONTROL TRANS. FUSE BLOCK
- S9 F82 DETURGENT FUSE BLOCK
- S10 T1 CONTROL TRANSFORMER
- D1 WASH TEMP DISPLAY/CONTROLLER
- D2 FINAL RINSE TEMP DISPLAY
- D3 POWER LIGHT
- D4 AUTO CYCLE LIGHT
- D5 MANUAL CYCLE LIGHT
- D6 HEATER OVERLOAD LIGHT
- D7 AUTO FILL LIGHT
- D8 FINAL RINSE TEMP PROBE
- D9 WASH LOW LEVEL PROBE
- P1 WASH HIGH LEVEL PROBE
- P2 WASH LEVEL CONTROL
- P3 FINAL RINSE SOLENOID
- P4 FINAL RINSE SOLENOID
- P5 WASH FILL SOLENOID
- P6 AUTO CYCLE TIMER
- P7 TIMER ADJUSTMENT
- P8 CIRCUIT BREAKER



- R1 WASH HEAT RELAY
- R2 CONVEYOR MOTOR RELAY
- R3 WASH MOTOR RELAY
- R5 CONVEYOR CYCLE RELAY
- R6 MANUAL CYCLE RELAY
- H1 WASH TANK HEATER
- H2 CONVEYOR MOTOR
- S1 SERVICE DISCONNECT
- S2 POWER SWITCH
- S3 CYCLE SWITCH
- S4 PADDLE SWITCH
- S5 RINSE PADDLE SWITCH
- S6 TABLE LIMIT SWITCH
- O1 WASH HEATER OVERLOAD
- O2 CONVEYOR MOTOR OVERLOAD
- O3 WASH MOTOR OVERLOAD
- FB1 CONTROL TRANS. FUSE BLOCK
- FB2 DETERGENT FUSE BLOCK
- T1 CONTROL TRANSFORMER
- D1 WASH TEMP DISPLAY/CONTROLLER
- D2 FINAL RINSE TEMP DISPLAY
- E1 POWER LIGHT
- E2 AUTO CYCLE LIGHT
- E3 MANUAL CYCLE LIGHT
- E4 HEATER OVERLOAD LIGHT
- E5 AUTO FILL LIGHT
- P1 WASH TEMP PROBE
- P2 FINAL RINSE TEMP PROBE
- P3 WASH LOW LEVEL PROBE
- P4 WASH HIGH LEVEL PROBE
- M1 WASH LEVEL CONTROL
- U1 FINAL RINSE SOLENOID
- U2 WASH FILL SOLENOID
- C1 WASH CYCLE TIMER
- T1 TIMER ADJUSTMENT
- C8 CIRCUIT BREAKER

NOTE: ALL WIRES WITH 2/64 INSULATION
TEMP RATED 90 C/194 F DEGREES

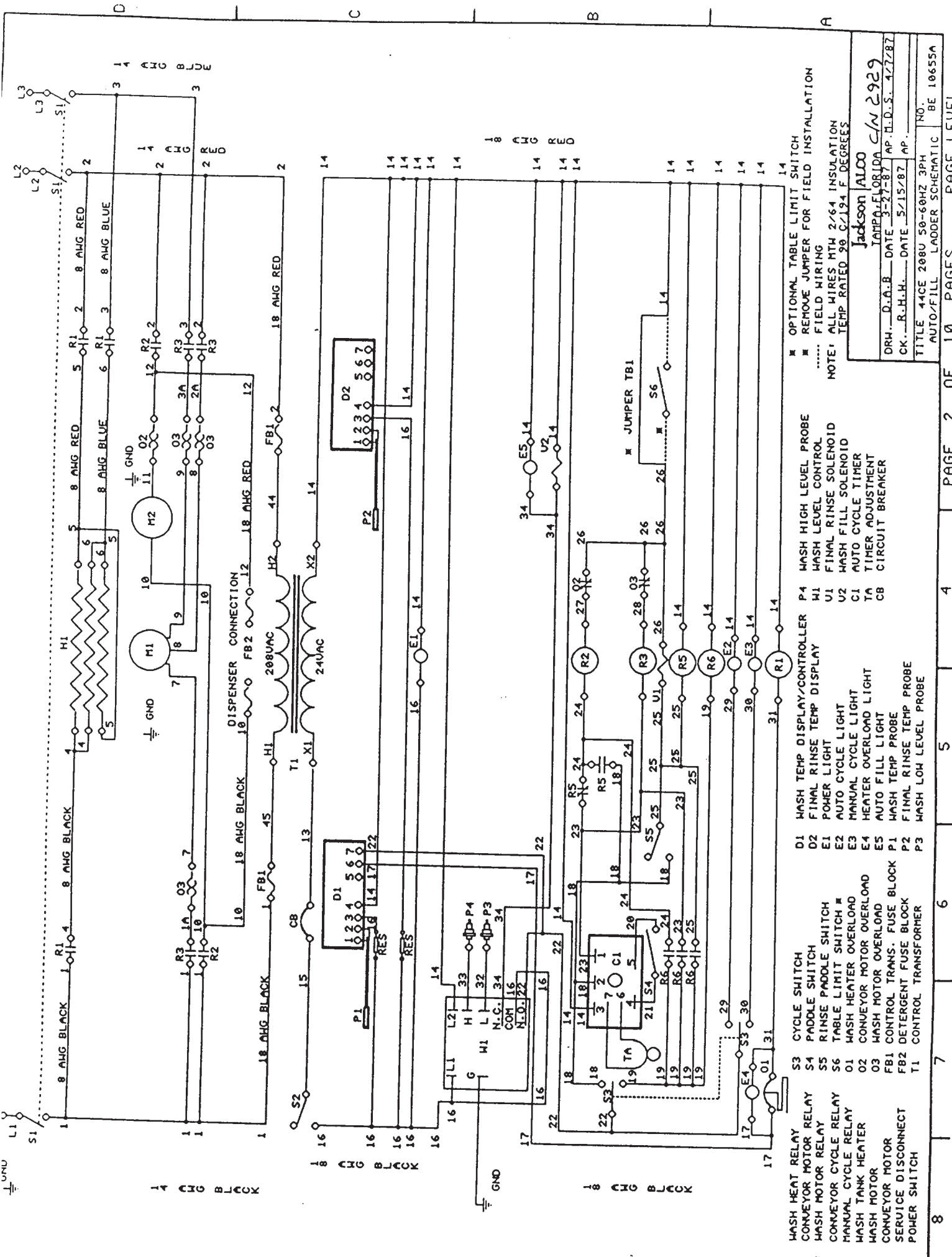
Jackson AUTO
DATE 3-27-87
DRH... DATE 5/15/87
CK... DATE 5/15/87
TITLE 44CE 208V 50-60HZ 1PH
AUTO/FILL LAODER SCHEMATIC



OPTIONAL TABLE LIMIT SWITCH
REMOVAL JUMPER FOR FIELD INSTALLATION
FIELD WIRING
NOTE: ALL WIRES WITH 2/64 INSULATION
TEMPERATURE 90 C/194 F DEGREES

Jackson ALCO
TABLE FLORIDA
DRW. D.A.B. DATE 3-27-87 AP.M.D.S. 4/7/87
CK. R.H.H. DATE 5/15/87 AP.
TITLE 44CE 230V 50-60HZ 3PH
AUTO/FILL LADDER SCHEMATIC BE 10657A

- R1 WASH HEAT RELAY
- R2 CONVEYOR MOTOR RELAY
- R3 WASH MOTOR RELAY
- R4 CONVEYOR CYCLE RELAY
- R5 WASH CYCLE RELAY
- R6 MANUAL CYCLE RELAY
- H1 WASH TANK HEATER
- M1 WASH MOTOR
- M2 CONVEYOR MOTOR
- S1 SERVICE DISCONNECT
- S2 POWER SWITCH
- S3 CYCLE SWITCH
- S4 PADLOCK SWITCH
- S5 RINSE PADLOCK SWITCH
- S6 TABLE LIMIT SWITCH
- O1 WASH HEATER OVERLOAD
- O2 CONVEYOR MOTOR OVERLOAD
- O3 WASH MOTOR OVERLOAD
- FBI CONTROL TRANS. FUSE BLOCK
- T1 CONTROL TRANSFORMER
- D1 WASH TEMP DISPLAY/CONTROLLER
- D2 FINAL RINSE TEMP DISPLAY
- E1 POWER LIGHT
- E2 AUTO CYCLE LIGHT
- E3 MANUAL CYCLE LIGHT
- E4 HEATER OVERLOAD LIGHT
- E5 AUTO FILL LIGHT
- P1 WASH TEMP PROBE
- P2 WASH LOW LEVEL PROBE
- P3 WASH HIGH LEVEL PROBE
- P4 WASH RINSE SOLENOID
- U1 WASH RINSE SOLENOID
- U2 WASH FILL SOLENOID
- C1 AUTO CYCLE TIMER
- TA TIMER ADJUSTMENT
- CB CIRCUIT BREAKER



1 WASH HEAT RELAY
2 CONVEYOR MOTOR RELAY
3 WASH MOTOR RELAY
5 CONVEYOR CYCLE RELAY
6 MANUAL CYCLE RELAY
1 WASH TANK HEATER
2 WASH MOTOR
1 CONVEYOR MOTOR
1 SERVICE DISCONNECT
2 POWER SWITCH

3 CYCLE SWITCH
S3 PADDLE SWITCH
S4 RINSE PADDLE SWITCH
S5 TABLE LIMIT SWITCH
S6 WASH HEATER OVERLOAD
O1 CONVEYOR MOTOR OVERLOAD
O2 WASH MOTOR OVERLOAD
O3 WASH MOTOR OVERLOAD
FB1 CONTROL TRANS. FUSE BLOCK
FB2 DETONER FUSE BLOCK
T1 CONTROL TRANSFORMER

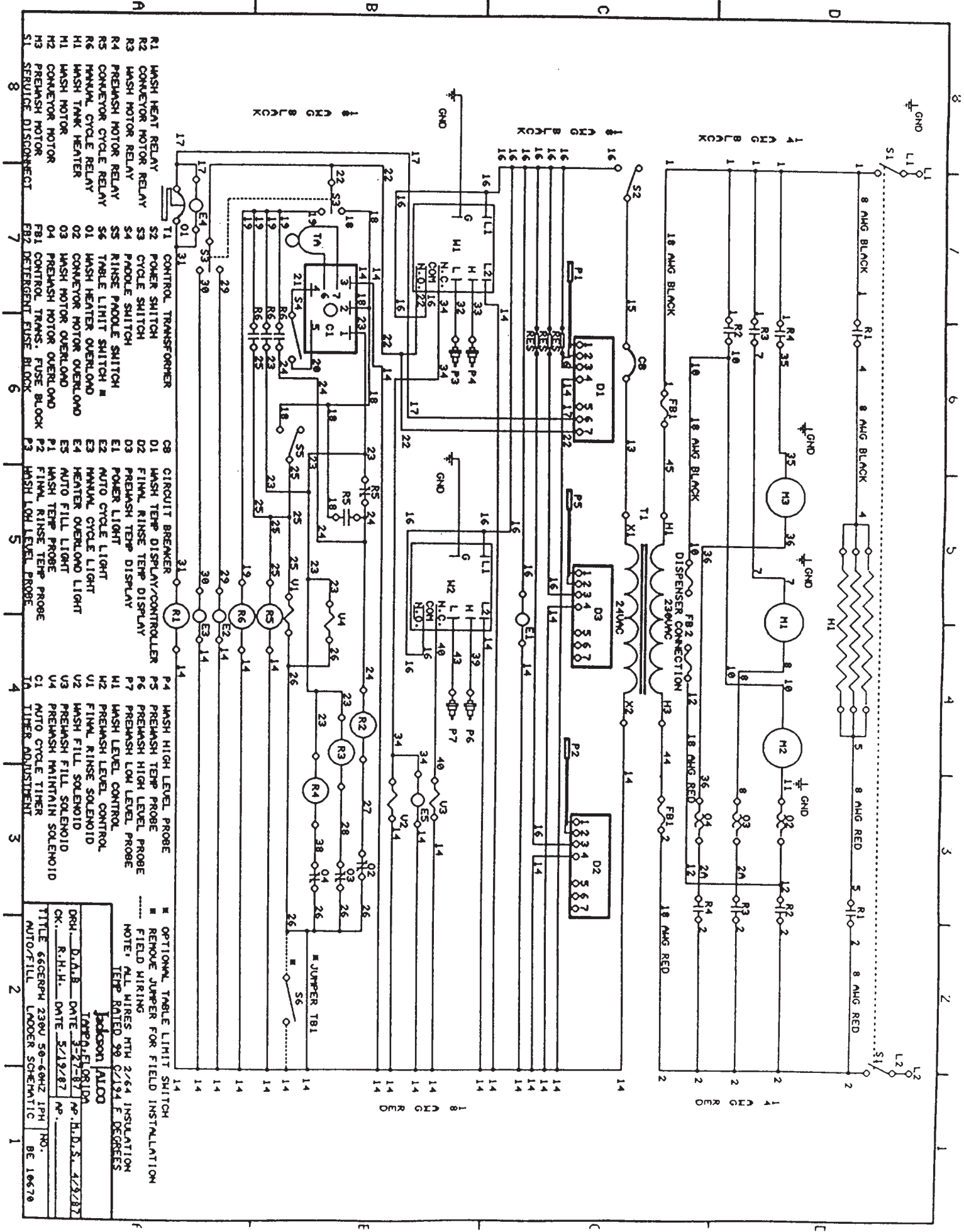
D1 WASH TEMP DISPLAY/CONTROLLER
D2 FINAL RINSE TEMP DISPLAY
E1 POWER LIGHT
E2 AUTO CYCLE LIGHT
E3 MANUAL CYCLE LIGHT
E4 HEATER OVERLOAD LIGHT
E5 AUTO FILL LIGHT
P1 WASH TEMP PROBE
P2 FINAL RINSE TEMP PROBE
P3 WASH LOW LEVEL PROBE

P4 WASH HIGH LEVEL PROBE
W1 WASH SOLENOID
U1 FINAL RINSE SOLENOID
U2 WASH FILL SOLENOID
C1 AUTO CYCLE TIMER
TA TIMER ADJUSTMENT
CB CIRCUIT BREAKER

OPTIONAL TABLE LIMIT SWITCH
REMOVE JUMPER FOR FIELD INSTALLATION
FIELD WIRING
NOTE: ALL WIRES MTH 2/64 INSULATION
TEMP RATED 90 C/194 F DEGREES

JACKSON ALCO
TAMPA, FLORIDA C/N 2929
DRW. D.A.B. DATE 3-27-87 AP. D.D.S. 4/7/87
CK. R.H.H. DATE 5/15/87 AP.
TITLE 44CE 208U 50-60HZ 3PH
AUTO/FILL LADDER SCHEMATIC BE 10655A
NO.

8 7 6 5 4 3 2 1 10 PAGES PAGE LEVEL



OPTIONAL TABLE LIMIT SWITCH
REMOVED JUMPER FOR FIELD INSTALLATION
FIELD WIRING
NOTE: ALL WIRES MUST BE 24 AWG INSULATION
TEMPERATURE RATED 90°C (194°F) DEGREES

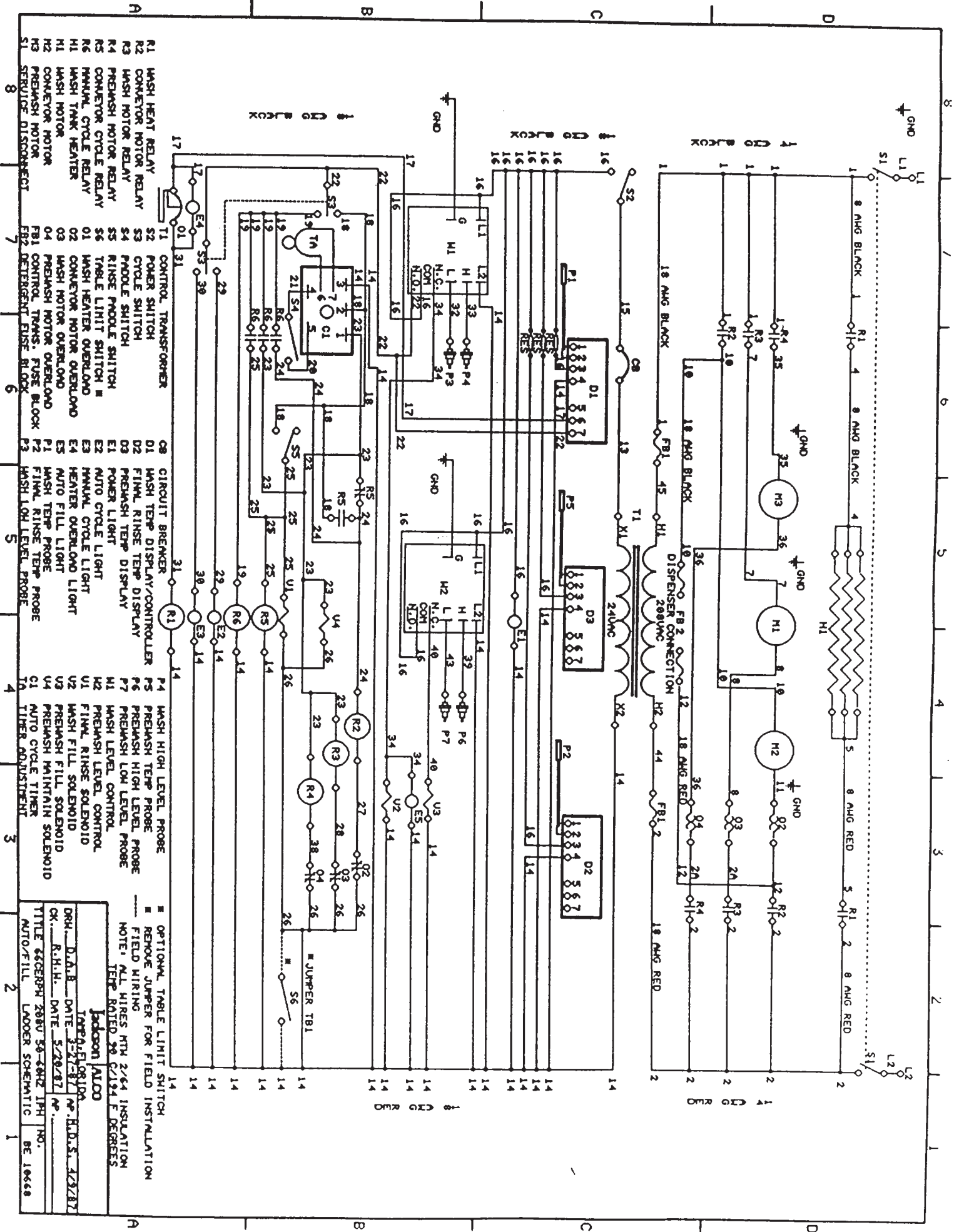
Jackson JACO

DATE 3-27-81 BY H.D.S. 4/2/87

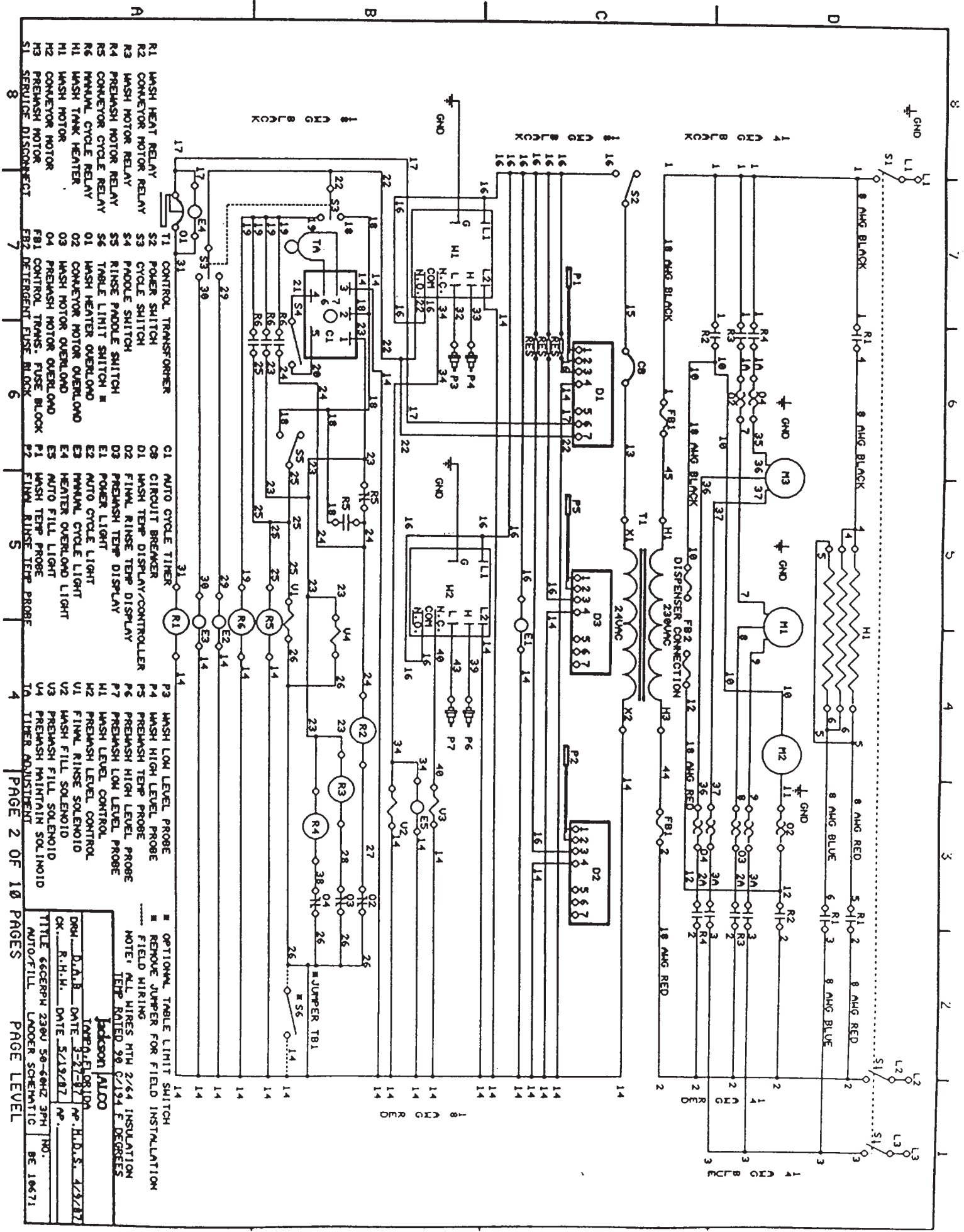
DRN B.A.B. DATE 3-27-81 BY H.D.S. 4/2/87

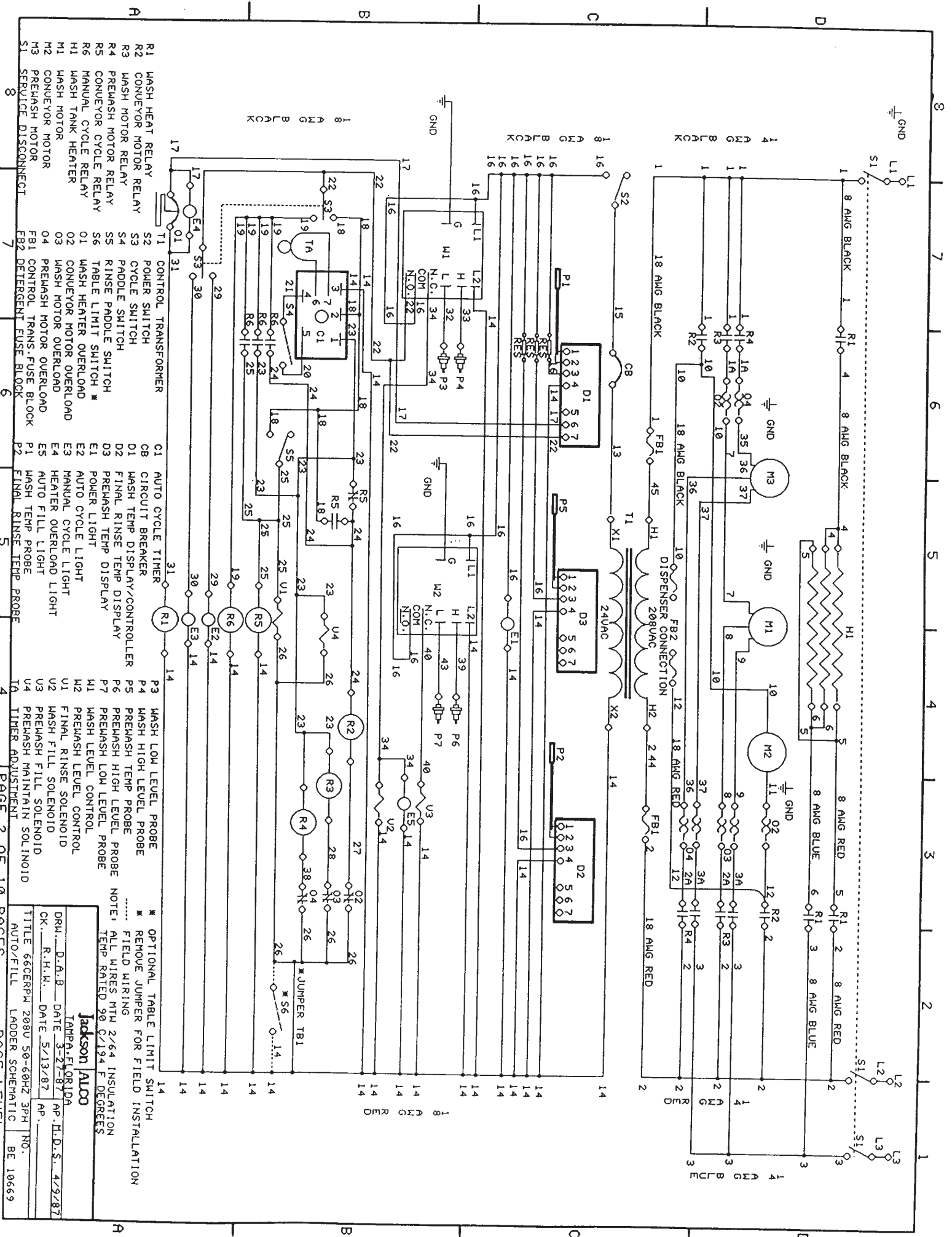
CK R.H.H. DATE 5/19/87 BY

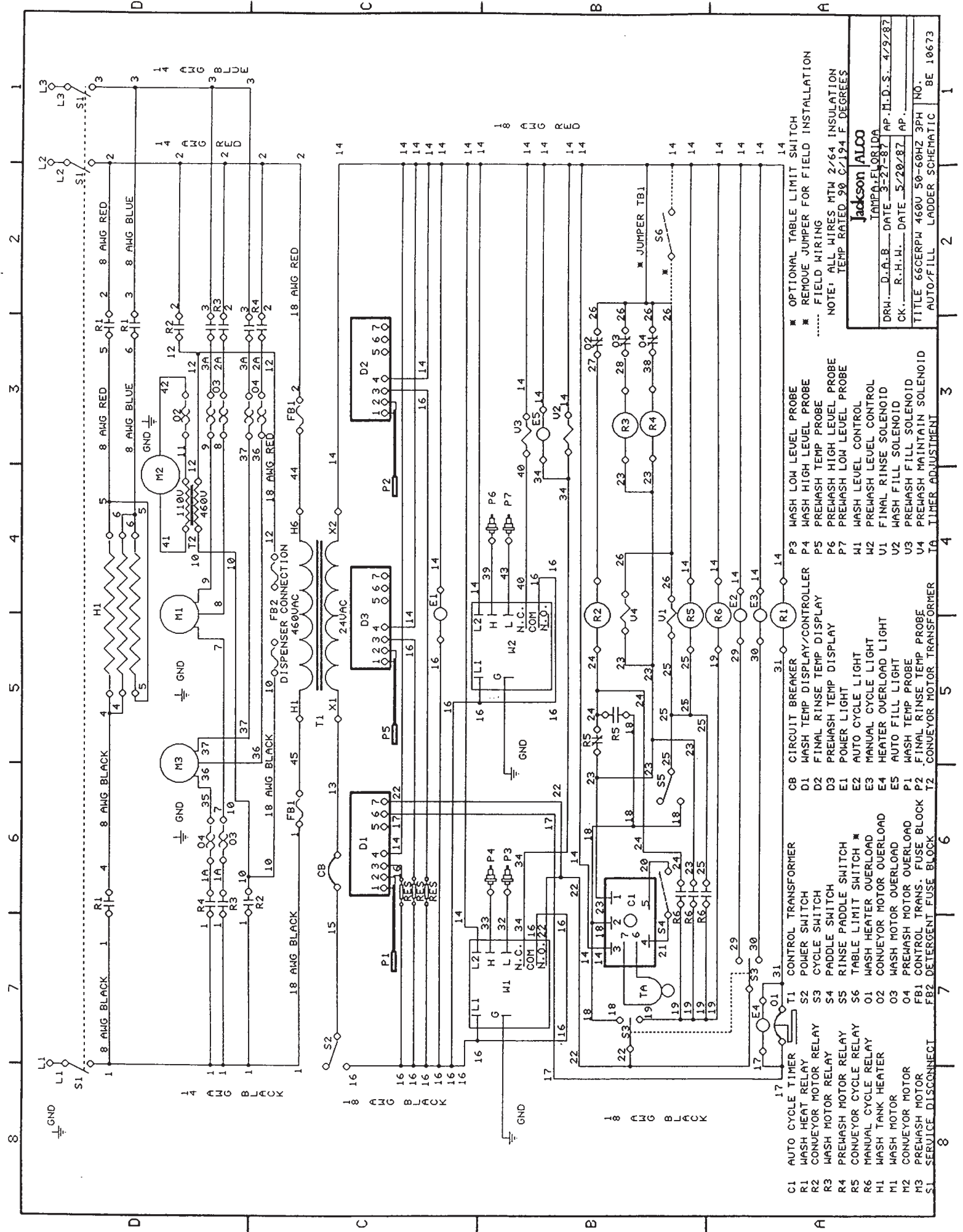
TITLE 660RPM 230V 50-60HZ 1PH NO. AUTO/FILL LOOPER SCHEMATIC BE 10670



- R1 WASH HEAT RELAY
R2 CONVEYOR MOTOR RELAY
R3 WASH MOTOR RELAY
R4 PREWASH MOTOR RELAY
R5 CONVEYOR CYCLE RELAY
R6 MANUAL CYCLE RELAY
M1 WASH MOTOR
M2 PREWASH MOTOR
M3 PREWASH MOTOR
S1 SERVICE DISCONNECT
- C8 CIRCUIT BREAKER
D1 WASH TEMP DISPLAY/CONTROLLER
D2 FINAL RINSE TEMP DISPLAY
D3 PREWASH TEMP DISPLAY
E1 POWER LIGHT
E2 AUTO CYCLE LIGHT
E3 HEATER OVERLOAD LIGHT
E4 HEATER OVERLOAD LIGHT
E5 AUTO FILL LIGHT
E6 WASH TEMP PROBE
E7 FINAL RINSE TEMP PROBE
E8 WASH LOH LEVEL PROBE
E9 WASH HIL LEVEL PROBE
E10 PREWASH HIL LEVEL PROBE
E11 PREWASH LOH LEVEL PROBE
E12 WASH LEVEL CONTROL
E13 PREWASH LEVEL CONTROL
E14 WASH FILL SOLENOID
E15 WASH RINSE SOLENOID
E16 PREWASH FILL SOLENOID
E17 PREWASH RINSE SOLENOID
E18 AUTO CYCLE TIMER
E19 JUMPER T81
- OPTIONAL TABLE LIMIT SWITCH
REMOVE JUMPER FOR FIELD INSTALLATION
FIELD WIRING
NOTE: ALL WIRES HTW 2/64 INSULATION
TEMP RATED 90 C/194 F DEGREES
- | | | | | | | | | | |
|-------------------------------|---------|----|--------|---------|---------|------|---------|----|--------|
| DATE | 3-27-87 | BY | R.H.H. | CHECKED | 5/28/87 | DATE | 3-27-87 | BY | R.H.H. |
| TITLE WASHER 288V 50-60HZ 1PH | | | | | | | | | |
| NO. BE 10668 | | | | | | | | | |







OPTIONAL TABLE LIMIT SWITCH
* REMOVE JUMPER FOR FIELD INSTALLATION
..... FIELD WIRING
NOTE: ALL WIRES MTW 2/64 INSULATION
TEMP RATED 90 C/194 F DEGREES

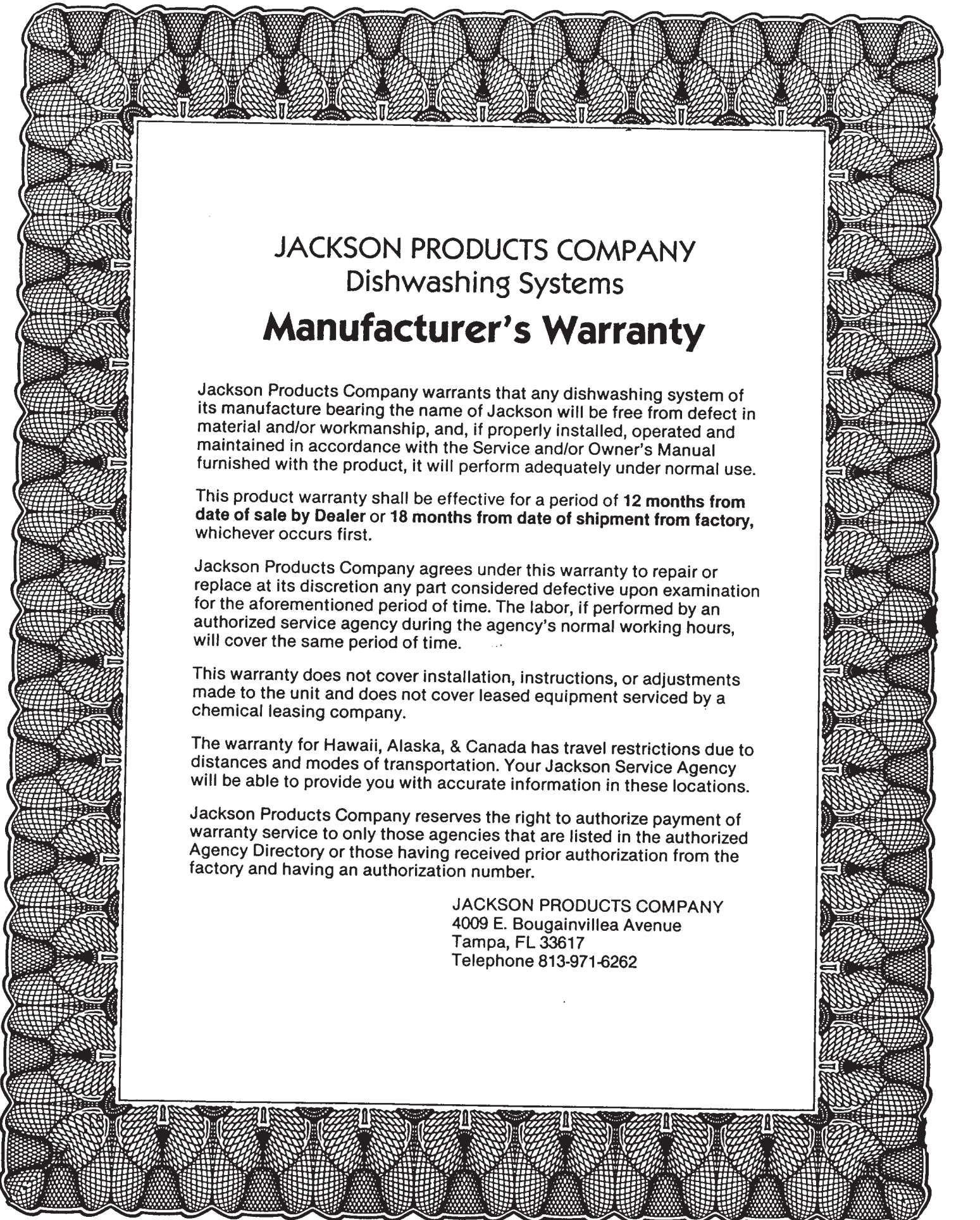
Jackson ALCO
TAMPA, FLORIDA
DRW. D.A.B. DATE 3-27-87 AP. M.D.S. 4/9/87
OK. R.H.W. DATE 5/20/87 AP.
TITLE 66CERPH 460V 50-60HZ 3PH NO.
AUTO/FILL LADDER SCHEMATIC BE 10673

- C1 AUTO CYCLE TIMER
- R1 WASH HEAT RELAY
- R2 CONVEYOR MOTOR RELAY
- R3 WASH MOTOR RELAY
- R4 PREWASH MOTOR RELAY
- R5 CONVEYOR CYCLE RELAY
- R6 MANUAL CYCLE RELAY
- H1 WASH TANK HEATER
- M1 WASH MOTOR
- M2 CONVEYOR MOTOR
- M3 PREWASH MOTOR
- S1 SERVICE DISCONNECT
- S2 POWER SWITCH
- S3 CYCLE SWITCH
- S4 PADDLE SWITCH
- S5 RINSE PADDLE SWITCH
- S6 TABLE LIMIT SWITCH
- O1 WASH HEATER OVERLOAD
- O2 CONVEYOR MOTOR OVERLOAD
- O3 WASH MOTOR OVERLOAD
- O4 PREWASH MOTOR OVERLOAD
- F1 CONTROL TRANS. FUSE BLOCK
- F2 DETERGENT FUSE BLOCK
- T1 CONTROL TRANSFORMER
- T2 CONVEYOR MOTOR TRANSFORMER
- U1 FINAL RINSE SOLENOID
- U2 WASH FILL SOLENOID
- U3 PREWASH FILL SOLENOID
- U4 PREWASH MAINTAIN SOLENOID
- W1 WASH LEVEL CONTROL
- W2 PREWASH LEVEL CONTROL
- W3 PREWASH HIGH LEVEL PROBE
- W4 PREWASH LOW LEVEL PROBE
- W5 WASH HIGH LEVEL PROBE
- W6 WASH LOW LEVEL PROBE
- W7 WASH TEMP PROBE
- W8 PREWASH TEMP PROBE
- W9 PREWASH HIGH LEVEL PROBE
- W10 PREWASH LOW LEVEL PROBE
- W11 WASH LEVEL CONTROL
- W12 PREWASH LEVEL CONTROL
- W13 FINAL RINSE SOLENOID
- W14 WASH FILL SOLENOID
- W15 PREWASH FILL SOLENOID
- W16 PREWASH MAINTAIN SOLENOID
- W17 WASH TEMP PROBE
- W18 PREWASH TEMP PROBE
- W19 FINAL RINSE TEMP PROBE
- W20 CONVEYOR MOTOR TRANSFORMER
- W21 WASH TEMP PROBE
- W22 PREWASH TEMP PROBE
- W23 WASH TEMP PROBE
- W24 PREWASH TEMP PROBE
- W25 WASH TEMP PROBE
- W26 PREWASH TEMP PROBE
- W27 WASH TEMP PROBE
- W28 PREWASH TEMP PROBE
- W29 WASH TEMP PROBE
- W30 PREWASH TEMP PROBE
- W31 WASH TEMP PROBE
- W32 PREWASH TEMP PROBE
- W33 WASH TEMP PROBE
- W34 PREWASH TEMP PROBE
- W35 WASH TEMP PROBE
- W36 PREWASH TEMP PROBE
- W37 WASH TEMP PROBE
- W38 PREWASH TEMP PROBE
- W39 WASH TEMP PROBE
- W40 PREWASH TEMP PROBE
- W41 WASH TEMP PROBE
- W42 PREWASH TEMP PROBE
- W43 WASH TEMP PROBE
- W44 PREWASH TEMP PROBE
- W45 WASH TEMP PROBE
- W46 PREWASH TEMP PROBE
- W47 WASH TEMP PROBE
- W48 PREWASH TEMP PROBE
- W49 WASH TEMP PROBE
- W50 PREWASH TEMP PROBE

A P P E N D I X S E C T I O N

----- APPENDIX SECTION -----

THE APPENDIX SECTION IN THIS MANUAL WILL CONTAIN AND COLLECT SUPPLEMENTAL INFORMATION ADDED TO UP-DATE AND KEEP THIS MANUAL CURRENT TO THE PRODUCT IT REPRESENTS. IT ALSO PROVIDES PERTINENT INFORMATION REGARDING ALL PRODUCT CHANGES AND NEW PRODUCT DEVELOPMENTS. PLEASE READ THESE SUPPLEMENT CAREFULLY AND COMPLETELY FOR THEY MAY REPLACE OR SUPERCEDE INSTRUCTIONS ALREADY CONTAINED IN THIS MANUAL.



JACKSON PRODUCTS COMPANY Dishwashing Systems **Manufacturer's Warranty**

Jackson Products Company warrants that any dishwashing system of its manufacture bearing the name of Jackson will be free from defect in material and/or workmanship, and, if properly installed, operated and maintained in accordance with the Service and/or Owner's Manual furnished with the product, it will perform adequately under normal use.

This product warranty shall be effective for a period of **12 months from date of sale by Dealer or 18 months from date of shipment from factory**, whichever occurs first.

Jackson Products Company agrees under this warranty to repair or replace at its discretion any part considered defective upon examination for the aforementioned period of time. The labor, if performed by an authorized service agency during the agency's normal working hours, will cover the same period of time.

This warranty does not cover installation, instructions, or adjustments made to the unit and does not cover leased equipment serviced by a chemical leasing company.

The warranty for Hawaii, Alaska, & Canada has travel restrictions due to distances and modes of transportation. Your Jackson Service Agency will be able to provide you with accurate information in these locations.

Jackson Products Company reserves the right to authorize payment of warranty service to only those agencies that are listed in the authorized Agency Directory or those having received prior authorization from the factory and having an authorization number.

JACKSON PRODUCTS COMPANY
4009 E. Bougainvillea Avenue
Tampa, FL 33617
Telephone 813-971-6262

PARTS DISTRIBUTORS

ALABAMA

JONES-McLEOD APPLIANCE
1616 North 7th Avenue
Birmingham 35203
PH: 205/252-0532

ARIZONA

AUTHORIZED COMMERCIAL SERVICE
1938 E. Osborn
Phoenix 85106
PH: 602/234-2443

CALIFORNIA

GOLDEN STATE APPLIANCE
15014 Staff Court
Gardena 90248
PH: 213/515-0207
800/421-5080
CA (only) 800/262-1312

CALIFORNIA

SCHNEIDER BROTHERS
2410 Harrison St.
San Francisco 94110
PH: 415/431-8561

COLORADO

METRO APPLIANCE SERVICE
1640 S. Broadway
Denver 80210
PH: 303/778-1126
CO (only) 800/525-3532
WY, NE, KS, NM, UT (only) 800/331-5838

CONNECTICUT

DRICO CORPORATION
31 Prospect Avenue
West Hartford 06106
PH: 203/236-4541
800/243-0193
CT (only) 800/633-7426

FLORIDA

COMMERCIAL APPLIANCE SERVICE
2101 West Hillsborough Avenue
Tampa 33603
PH: 813/879-2461 (Pinellas: 822-8550)
(Sarasota: 955-1666)
FL (only) 800/282-4718

GEORGIA

SOUTHEASTERN RESTAURANT SERVICES
4025 Pleasantdale Road, Suite 540
Atlanta 30340
PH: 404/446-6177
800/235-6516
GA (only) 800/431-1986

HAWAII

FOOD EQUIPMENT PARTS & SERVICE CO.
300 Puuhale Rd.
P.O. Box 17789
Honolulu 96817
PH: 808/847-4871

ILLINOIS

CONE'S REPAIR SERVICE, INC.
2408 - 40th Avenue
Moline 61265
PH: 309/797-5323
800/447-6761
IL (only) 800/322-6793

MARYLAND

ELECTRIC MOTOR REPAIR
700 E. 25th Street
Baltimore 21218
PH: 301/467-8080
MD (only) 800/492-2524
VA, WV, PA, NJ, DE, DC (only) 800/638-1009

MASSACHUSETTS

ACE SERVICE COMPANY
39 Highland Circle
Needham 02194
PH: 617/449-4220

MICHIGAN

JACKSON DISHWASHER SERVICE
3980 Benstein Road
Milford 48042
PH: 313/363-4159

MINNESOTA

GENERAL PARTS & SUPPLY CO. INC.
720 E. Lake Street
Minneapolis 55407
PH: 612/827-5581 (24 Hr.)
800/328-5032
MN (only) 800-582-5165

MISSOURI

GENERAL PARTS, INC.
1101 E. 13th Street
Kansas City 64106
PH: 816/421-5400 (24 Hr.)
800/255-6303

NEBRASKA

J.L. TUCKER COMPANY
815 North 19th St.
Omaha 68102
PH: 402/345-7400
402/554-9767 (Emergency)
NE (only) 800/248-4429
IA, MN, SD, ND (only) 800/228-0342

NEW JERSEY

JACKSON FASPRAY SERVICE
155 Sargeant Avenue
Clifton 07013
PH: 201/471-8000

NEW YORK

DUFFY'S EQUIPMENT SERVICE
3138 Oneida Street
Sauquoit 13456
PH: 315/737-9401

NEW YORK

TAYCO SERVICE COMPANY
2186 South Park Avenue
Buffalo 14220
PH: 716/826-5858
716/941-3261 (Emergency)

OKLAHOMA

KRUEGER, INC.
100 N.E. 24th Street
Oklahoma City 73105
PH: 405/528-8883
405/528-4436 (24 Hr. Emergency)
OK (only) 800/522-8069
TX, NM, CO, KS, NE, MO, AR, LA, MS
(only) 800/654-8621

OREGON

RON'S SERVICE
4703 North Albina
Portland 97217
PH: 503/288-9241

PENNSYLVANIA

AUTHORIZED FACTORY SERVICE
1010 First Ave., P.O. Box 31
Coraopolis 15108
PH: 412/262-2330 (24 Hr.)
800/223-2862
PA (only) 800/222-8767

PENNSYLVANIA

FOOD SERVICE EQUIP.
2101 Parkway South
Broomall 19008
PH: 215/356-6900

PENNSYLVANIA

K & D SERVICE COMPANY
1833-41 North Cameron
Harrisburg 17103
PH: 717/236-9039 (24 Hr.)
PA (only) 800/932-0503 (24 Hr.)

SOUTH CAROLINA

WHALEY ELECTRICAL SERVICE
500 Orchard Drive, P.O. Box 4023
West Columbia 29171
PH: 803/791-4420
800/845-9382
SC (only) 800/922-0658

TEXAS

STOVE PARTS SUPPLY
2120 Solana Street
Fort Worth 76117
PH: 817/831-0381
800/433-1804
TX (only) 800/772-7420

VIRGINIA

G.C.S. SERVICES, INC.
P.O. Box 13969
6301-B Warwick Road
Richmond 23225
PH: 804/276-1919
800/621-0232
VA (only) 800/552-7744

WASHINGTON

RESTAURANT APPLIANCE SERVICE
7219 Roosevelt NE
Seattle 98115
PH: 206/524-8200

CANADA

H.R.D. KITCHEN SERVICES
4573 St. Catherine, E.
Montreal, PQ H1V 1Y8
PH: 514/254-9956

CANADA

V.A.S. RESTAURANT
EQUIPMENT SERVICE
377 Munster Avenue
Toronto, Ontario M8Z 3C8
PH: 416/236-1129

CANADA

FAIRCHILD REFRIGERATION
#108 8475 Ontario Street
Vancouver, BC V5X 3E8
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INTERNATIONAL

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