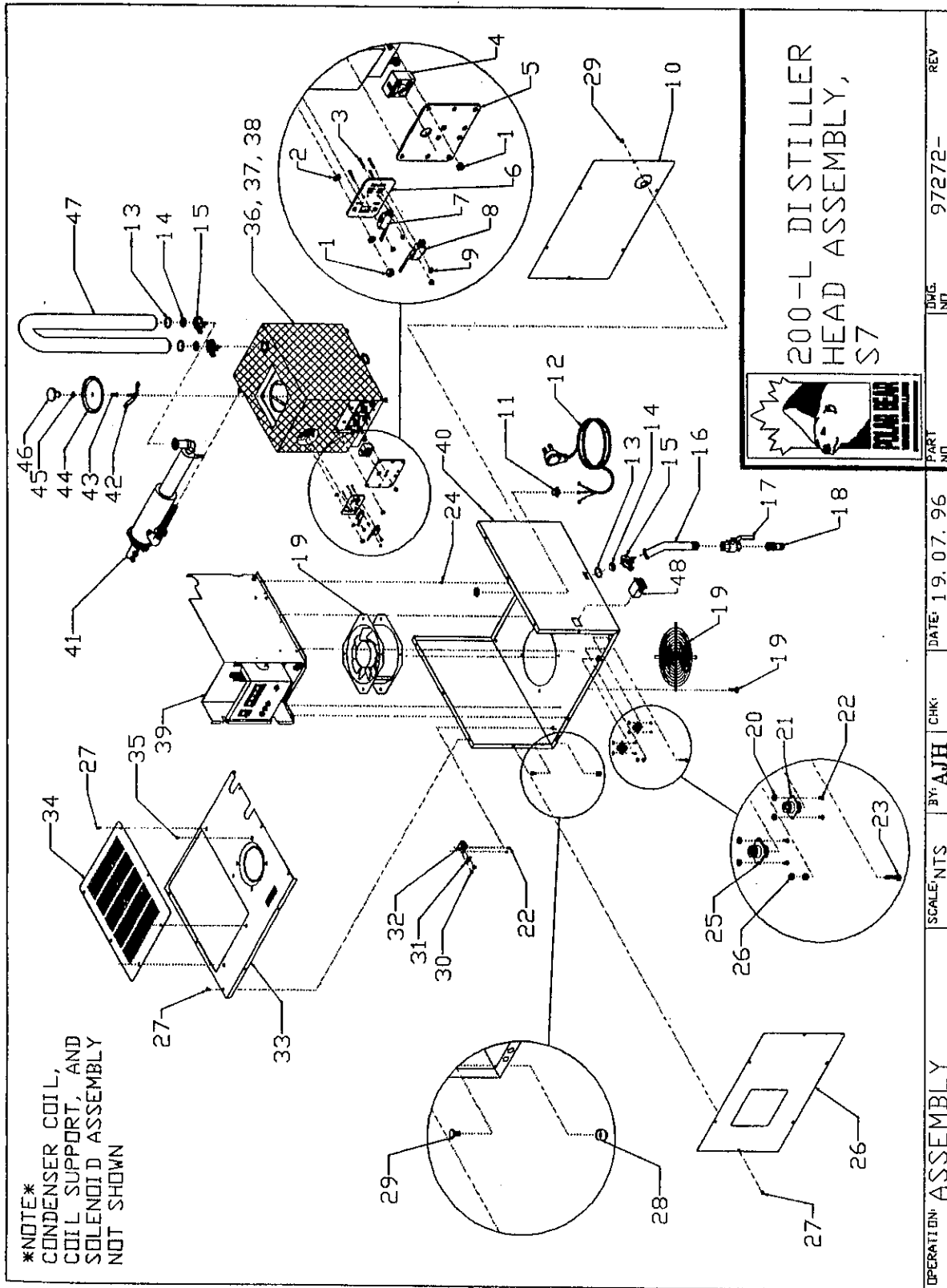


## Parts List: Head Assembly

| Line | Qty   | Item   | Description                          |
|------|-------|--------|--------------------------------------|
| 1    | 8 EA  | 15502  | NUT, HEX, 1/4" PLATED                |
| 2    | 4     | 15003  | WASHER, FLAT, S.S. 5/16" X 11/16"    |
| 3    | 1 EA  | 10105  | SCREW, MACH, RND, SLOT, #4-40 X 3/4  |
| 4    | 1 EA  | 100122 | SWITCH, BOILER TANK RESET            |
| 5    | 1     | 102155 | 200-L RESET PLATE, LEXAN             |
| 6    | 1     | 100428 | UNIVERSAL LEXAN SWITCH PLATE         |
| 7    | 1 EA  | 60005  | MICROSWITCH, H.T. FLOAT              |
| 8    | 1 EA  | 60005  | MICROSWITCH, H.T. FLOAT              |
| 9    | 4 EA  | 15504  | NUT, KEP, #4-40                      |
| 10   | 1     | 102391 | 200-L REAR COVER, SERIES 3           |
| 11   | 1 EA  | 102085 | STRAIN RELIEF, METAL CLAMP           |
| 12   | 1     | 102289 | 200-L POWER CORD ASSEM.              |
| 13   | 1 EA  | 80162  | O-RING, 3/16" X 1-1/8" ID, VITON     |
| 14   | 1 EA  | 102299 | FLANGE CENTERING RING                |
| 15   | 1     | 102305 | FLANGE RETAINING CLAMP               |
| 16   | 1     | 102326 | DRAIN LINE WELDED ASSEM. SER 3       |
| 17   | 1 EA  | 30081  | VALVE, BALL, BRASS, 3/4" FPT, FULL   |
| 18   | 1 EA  | 30085  | COUPLER, 3/4" BARB, 3/4" MPT         |
| 19   | 1 EA  | 102451 | MOTOR, FAN-TUBE AXIAL, 600 CFM 230V  |
| 20   | 4     | 15101  | WASHER, FLAT, ALUM, 0.140 X 3/8"     |
| 21   | 1 EA  | 100123 | CONNECTOR, 4 PIN RECEPT SHELL        |
| 22   | 11 EA | 80004  | RIVET, ALUMINUM, 1/8" X 1/4"         |
| 23   | 2 EA  | 10103  | SCREW, MACH, SS, TRS/SKT #10-24 X 1" |
| 24   | 4 EA  | 15503  | NUT, KEP, #10-24                     |
| 25   | 1 EA  | 100124 | CONNECTOR, 7 PIN RECEPTACLE          |
| 26   | 1     | 102106 | 200-L FRONT COVER                    |
| 27   | 30 EA | 10109  | SCREW, SHTMTL, SS, #10-12 X 1/2"     |
| 28   | 4 EA  | 100199 | LEG, ALUMINUM, 1/4"                  |
| 29   | 4 EA  | 10133  | BOLT, HEX HEAD, PLATD, 1/4-20 X 1/2  |
| 30   | 2 EA  | 10109  | SCREW, SHTMTL, SS, #10-12 X 1/2"     |
| 31   | 1     | 100081 | CLIP, CONDENSER, ALUM, SECT.         |
| 32   | 1     | 100080 | CLIP, CONDENSER, S.S., SECT.         |
| 33   | 1     | 102310 | 200-L TOP COVER, SERIES 3            |
| 34   | 1     | 102298 | 200-L TOP GRATE                      |
| 35   | 4 EA  | 10123  | SCREW, SS, #10-24 X 3/8"             |
| 36   | 1     | 102448 | 208V BOILING TANK, COMPLETE, S3ON    |
| 37   | 1     | 102371 | 200-L - 220V BOILING TANK, S3ON      |
| 38   | 1     | 102449 | 240V BOILING TANK, COMPLETE, S3ON    |
| 39   | 1     | 102388 | 200-L MIDDLE DIVIDER ASSEM.          |
| 40   | 1     | 102456 | 200-L MAIN BODY, S6                  |
| 41   | 1     | 102439 | COMPLETE PREHEATER ASSEMBLY,         |
| 42   | 1     | 100302 | B.T. T-BAR ASSEM                     |
| 43   | 1 EA  | 100069 | SPRING, B.T. LID                     |
| 44   | 1     | 100070 | LID DISC, B.T. S.S.                  |
| 45   | 1 EA  | 100205 | ORING, RUBBER, 1/2" ID X 11/16" OD   |
| 46   | 1 EA  | 100071 | KNOB, LID, PLASTIC STAMPED           |
| 47   | 1     | 102372 | 200-L REGULAR TOWER W. INSUL.        |
| 48   | 1     | 60096  | 220 VOLT HOUR METER                  |

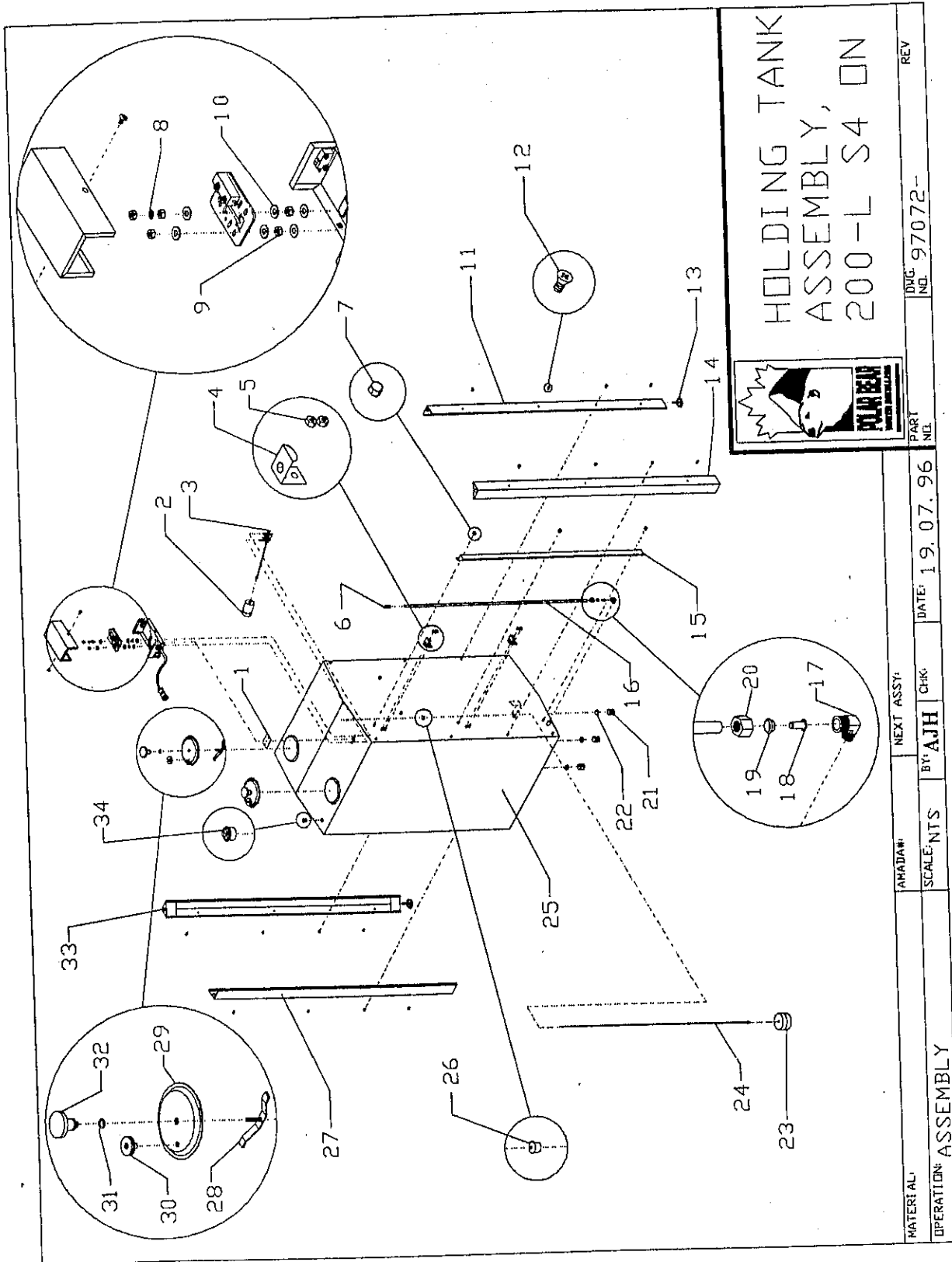
# Parts Diagram: Head Assembly



## Parts List: Holding Tank Assembly

| Line | Qty   | Item   | Description                         |
|------|-------|--------|-------------------------------------|
| 1    | 1     | 100066 | BOILER TANK FLOAT GASKET SILIC      |
| 2    | 1 EA  | 100162 | FLOAT, H.T., PF-29 1-1/2X2-5/8"     |
| 3    | 1     | 102201 | 200-L HLD TANK LEVEL FLOAT ASSEM    |
| 4    | 2     | 102104 | 200-L SIGHT TUBE BRACKET            |
| 5    | 4 EA  | 15501  | HEX NUT, SS, 1/4" - 20              |
| 6    | 1 EA  | 102103 | CAP, PLASTIC 3/8", 200-L            |
| 7    | 3 EA  | 15506  | NUT, ACORN, 1/4", S.S.              |
| 8    | 1 EA  | 15203  | WASHER, SS, LOCKTOOTH, EXT., 1/4"   |
| 9    | 5 EA  | 15501  | HEX NUT, SS, 1/4" - 20              |
| 10   | 6     | 15003  | WASHER, FLAT, S.S., 5/16"X11/16"    |
| 11   | 1     | 102431 | LEG. ASSY, REAR LEFT, SERIES 4      |
| 12   | 12 EA | 10123  | SCREW, SS, #10-24X3/8"              |
| 13   | 2 EA  | 80164  | FOOT APPLIANCE, 3/8" UNC X 1 1/2"   |
| 14   | 1     | 102428 | LEG. ASSEMBLY, FRONT LEFT,          |
| 15   | 1     | 102095 | 200-L SIGHT TUBE GUARD              |
| 16   | 1     | 102102 | 200-L SIGHT TUBE, ACRYLIC           |
| 17   | 1     | 30064  | ELBOW, 90, 3/8" TUBE-1/8" MPT, PLTD |
| 18   | 1 EA  | 30021  | INSERT, BRASS, 0.25" ID             |
| 19   | 1 EA  | 30003  | SLEEVE, COMPRESSION, 3/8"           |
| 20   | 1     | 30002  | NUT, COMPRESSION, PLTD, BRASS       |
| 21   | 3 EA  | 30076  | CAP, 1/2 NPT PLASTIC                |
| 22   | 3     | 100535 | GASKET, DRAIN NIPPLE, 1 1/2"        |
| 23   | 1 EA  | 102169 | FLOAT, H.T., PF-24                  |
| 24   | 1     | 102197 | PUMP FLOAT ROD ASSEM                |
| 25   | 1     | 102367 | HOLDING TANK WAS, S4 USE 102367     |
| 26   | 1     | 100165 | NYLON PLUG, 7/16" DRILLED           |
| 27   | 1     | 102429 | LEG. ASSEMBLY, FRONT RIGHT,         |
| 28   | 1     | 100302 | B.T. T-BAR ASSEM                    |
| 29   | 1     | 100054 | H.T. LID DISC                       |
| 30   | 1 EA  | 100117 | FILTER CANNISTER, 2U, PTFE, 2uM     |
| 31   | 1 EA  | 100205 | ORING, RUBBER, 1/2" ID x 11/16" OD  |
| 32   | 1 EA  | 100071 | KNOB, LID, PLASTIC STAMPED          |
| 33   | 1     | 102430 | LEG. ASSEMBLY, REAR RIGHT,          |
| 34   | 1 EA  | 100115 | BUSHING, WIRE, 5/8"                 |

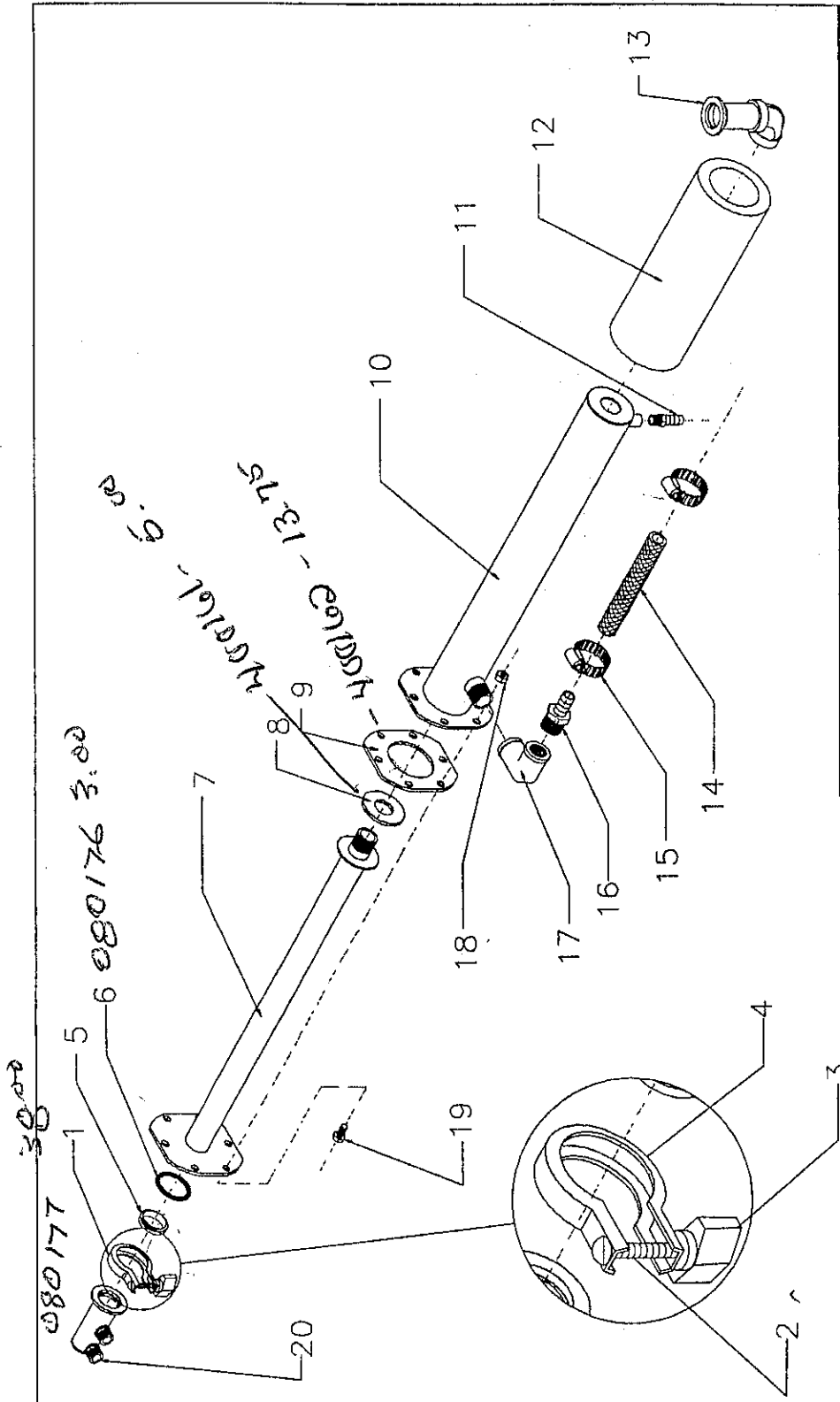
# Parts Diagram: Holding Tank Assembly



## Parts List: Preheater Assembly

| Line | Qty  | Item   | Description                    |
|------|------|--------|--------------------------------|
| 1    | 1    | 102305 | FLANGE RETAINING CLAMP         |
| 2    | 1    | 10141  | BOLT, CARRIAGE, SS, #10-24x2"  |
| 3    | 1 EA | 80187  | KNOB, #10-24, BLACK            |
| 4    | 1    | 102450 | V-RETAINING CLAMP FLANGE BLANK |
| 5    | 1 EA | 102299 | FLANGE CENTERING RING          |
| 6    | 1 EA | 80162  | O-RING, 3/16"X1-1/8"ID, VITON  |
| 7    | 1    | 102435 | TUBE, PREHEATER INNER, W.A.    |
| 8    | 1    | 102374 | 200-L PREHTR INNER SEAL GASKET |
| 9    | 1    | 102364 | 200-L PREHTR OUTER FLANGE GASK |
| 10   | 1    | 102343 | 200-L OUTER PREHEATER TUBE     |
| 11   | 1 EA | 30079  | COUPLER, 3/8" BARB - 1/8" MPT  |
| 12   | 1    | 102418 | 200-L PREHTR INSULATION, 8.5"  |
| 13   | 1    | 102334 | 200-L INNER TOWER, WELD ASSEM. |
| 14   | 1    | 102375 | 200-L BOILER TANK FILL LINE    |
| 15   | 2 EA | 80014  | GEAR CLAMP, 5/8", S.S.         |
| 16   | 1 EA | 30035  | COUPLER, 1/2" BARB - 1/2" MPT  |
| 17   | 1 EA | 30015  | ELBOW, 90DEG, 1/2" FPT, BRASS  |
| 18   | 6 EA | 15501  | HEX NUT, SS, 1/4" - 20         |
| 19   | 6 EA | 10121  | BOLT, HEX, SS, 1/4"-20 X 1/2"  |
| 20   | 1    | 102437 | PREHEATER QUICK CONNECT STEAM  |

# Parts Diagram: Preheater Assembly



|                     |  |             |  |             |  |         |            |                |
|---------------------|--|-------------|--|-------------|--|---------|------------|----------------|
| No.                 |  | Part Number |  | Description |  | Qty.    | NEXT ASSY: |                |
| MATERIAL:           |  | AMADA#:     |  | SCALE: NTS  |  | BY: AJH | CHK:       | DATE: 17.06.96 |
| OPERATION: ASSEMBLY |  |             |  |             |  |         |            |                |

|                               |             |           |       |
|-------------------------------|-------------|-----------|-------|
| ALL DIMENSIONS IN INCHES (mm) |             |           |       |
| TOLERANCES                    |             | FRACTIONS |       |
| DECIMALS                      | RMS         | XX-X/X    | ±1/16 |
| .X ±0.05                      | 500         | X-X/X     | ±1/32 |
| .XX ±0.02                     | 250         | X/X       | ±1/64 |
| .XXX ±0.005                   | 125         | X/X       | ±1/64 |
| T.I.R. ±0.010                 | THD ±1 TURN | / ±1°     |       |

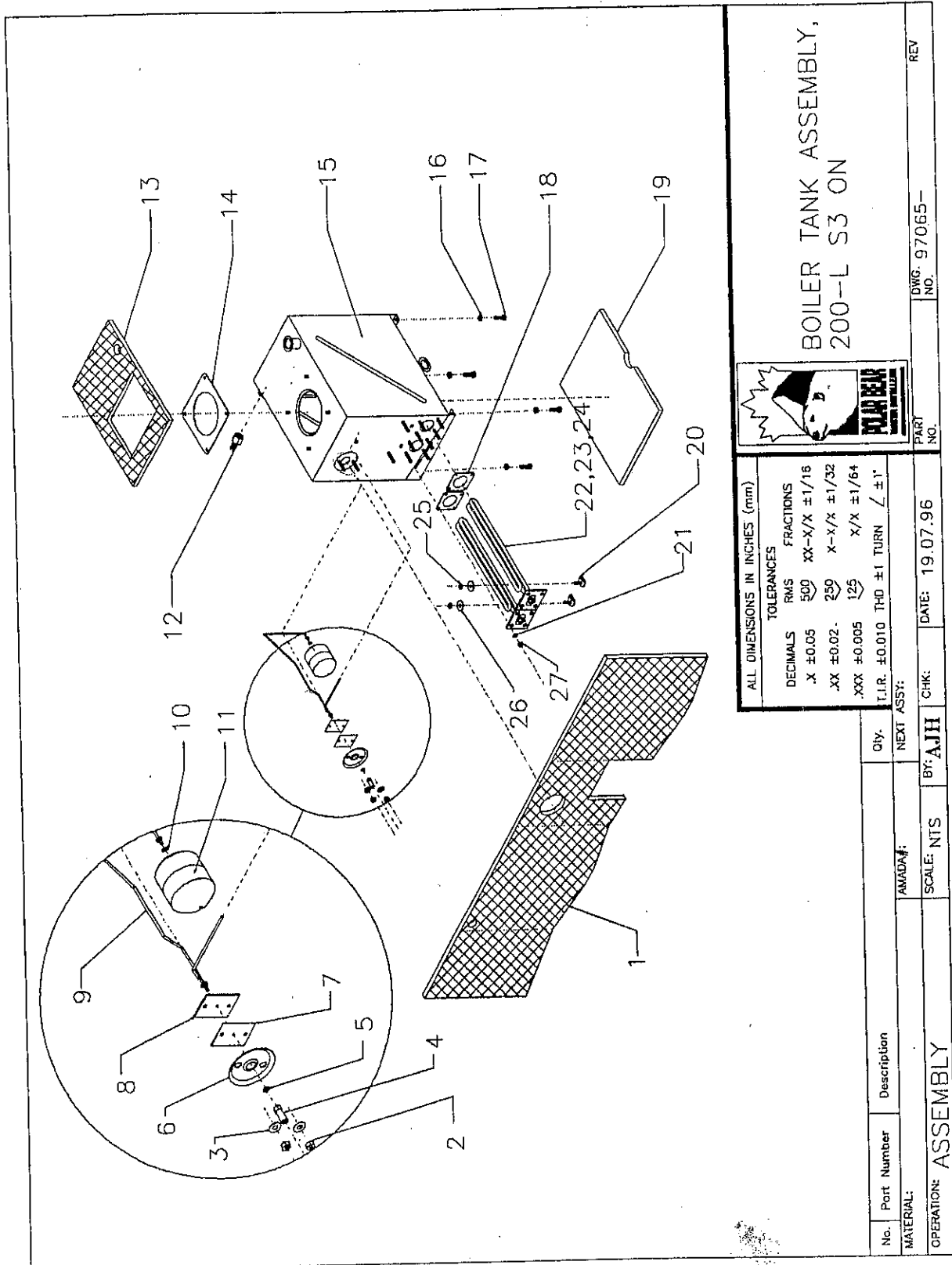
  

|                                                |                 |
|------------------------------------------------|-----------------|
| PREHEATER ASSEMBLY,<br>200-L S5-S6<br>100-L S7 |                 |
| PART NO.                                       | DWG. NO. 97073- |
| REV                                            |                 |

# Parts List: Boiler Tank Assembly

| Line | Qty  | Item   | Description                     |
|------|------|--------|---------------------------------|
| 1    | 1    | 102362 | 200-L INSULATION, BOILER SIDES  |
| 2    | 2 EA | 15501  | HEX NUT, SS, 1/4" - 20          |
| 3    | 2    | 15004  | WASHER, FLAT, SS, 1/4"X1/2"     |
| 4    | 1 EA | 100060 | FLOAT, BRASS CONTACT            |
| 5    | 1    | 15001  | WASHER, FLAT, SS, 5/32 X 3/8"   |
| 6    | 1    | 100062 | BOILER TANK FLOAT WASHER        |
| 7    | 1    | 100067 | BOILER TANK FLOAT GASKET, NTEAR |
| 8    | 1    | 100066 | BOILER TANK FLOAT GASKET, SILIC |
| 9    | 1    | 102410 | ASSEMBLY, 200L B.T. FLOAT ROD   |
| 10   | 1 EA | 15203  | WASHER, SS, LOCKTOOTH EXT. 1/4" |
| 11   | 1 EA | 100058 | FLOAT BALL, 2.5" S.S.           |
| 12   | 1 EA | 30078  | COUPLER, 1/2" BARB - 1/2" FPT   |
| 13   | 1    | 102363 | 200-L INSULATION, BOILER TOP    |
| 14   | 1    | 100068 | BOILING TANK LID GASKET, SILICO |
| 15   | 1    | 102337 | 200-L BOILING TANK, SERIES 3    |
| 16   | 4 EA | 15513  | NUT, HEX, SS, 5/16"             |
| 17   | 4 EA | 10128  | BOLT, HEX HEAD, SS, 5/16"X 1"   |
| 18   | 2    | 100065 | HEATING ELEMENT GASKET, SILICO  |
| 19   | 1    | 102301 | 200-L INSULATION, BOILER BOTTOM |
| 20   | 2    | 100063 | HEATING ELEMENT CLIP WELD ASSE  |
| 21   | 8    | 15004  | WASHER, FLAT, SS, 1/4"X1/2"     |
| 22   | 2 EA | 102075 | HEATING ELEMENT, 2500W, 208V    |
| 23   | 2 EA | 102076 | HEATING ELEMENT, 2500W, 220V    |
| 24   | 2 EA | 102077 | HEATING ELEMENT, 2500W, 240V    |
| 25   | 2 EA | 15501  | HEX NUT, SS, 1/4" - 20          |
| 26   | 2    | 15002  | WASHER, FLAT, SS, 5/16"X 1"     |
| 27   | 8 EA | 15501  | HEX NUT, SS, 1/4" - 20          |

# Parts Diagram: Boiler Tank Assembly



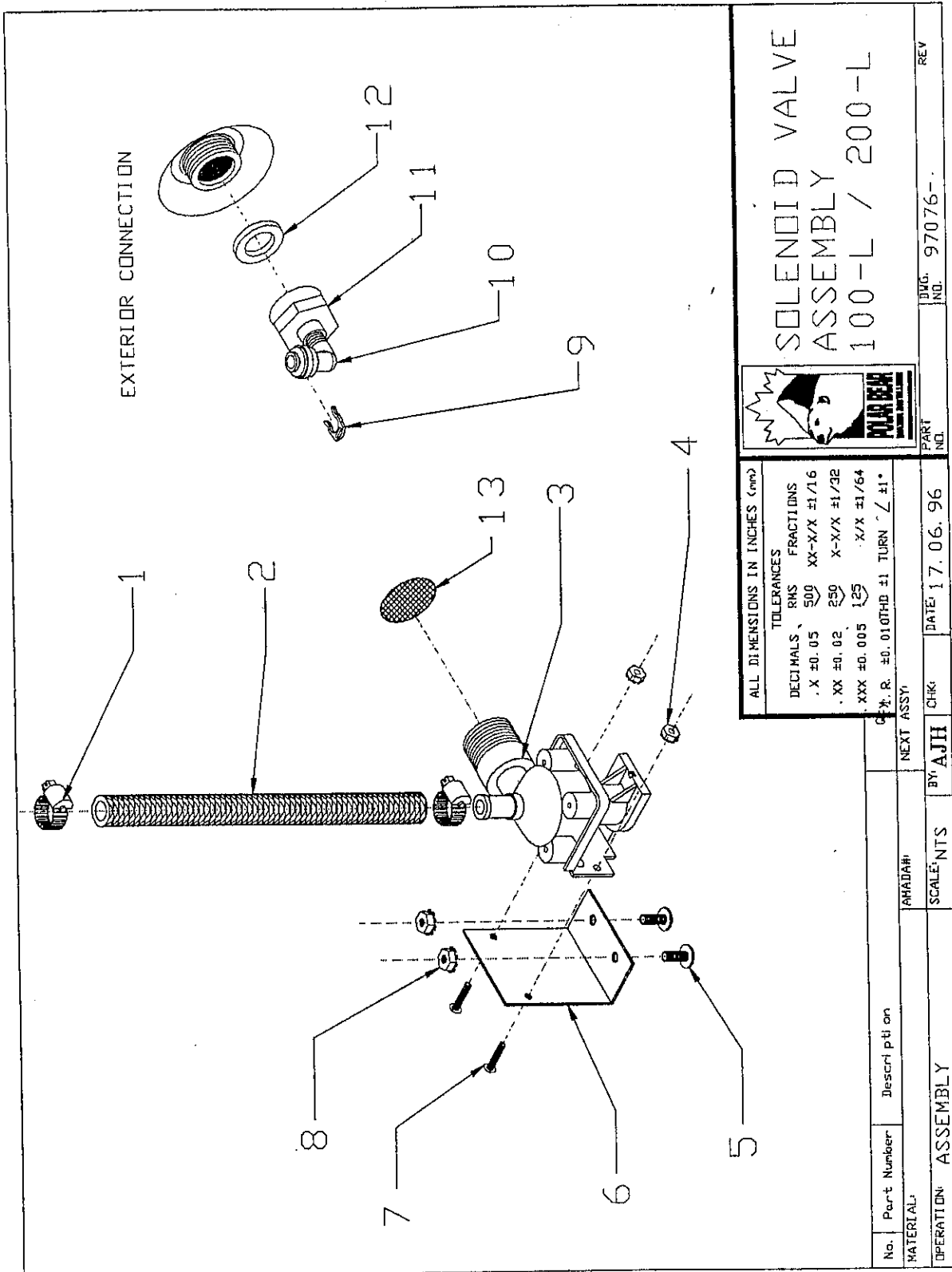
|                     |  |                 |  |             |  |      |  |                |  |
|---------------------|--|-----------------|--|-------------|--|------|--|----------------|--|
| No.                 |  | Port Number     |  | Description |  | Qty. |  | NEXT ASSY:     |  |
| MATERIAL:           |  | SCALE: NTS      |  | BY: AJH     |  | CHK: |  | DATE: 19.07.96 |  |
| OPERATION: ASSEMBLY |  | SCALE: NTS      |  | BY: AJH     |  | CHK: |  | DATE: 19.07.96 |  |
| PART NO.            |  | DWG. NO. 97065- |  | REV         |  | REV  |  | REV            |  |

**BOILER TANK ASSEMBLY, 200-L S3 ON**

**TOLERANCES**

| DECIMALS                        | RMS | FRACTIONS    |
|---------------------------------|-----|--------------|
| .X ±0.05                        | 500 | XX-X/X ±1/16 |
| .XX ±0.02                       | 250 | X-X/X ±1/32  |
| .XXX ±0.005                     | 125 | X/X ±1/64    |
| T.I.R. ±0.010 THD ±1 TURN / ±1° |     |              |

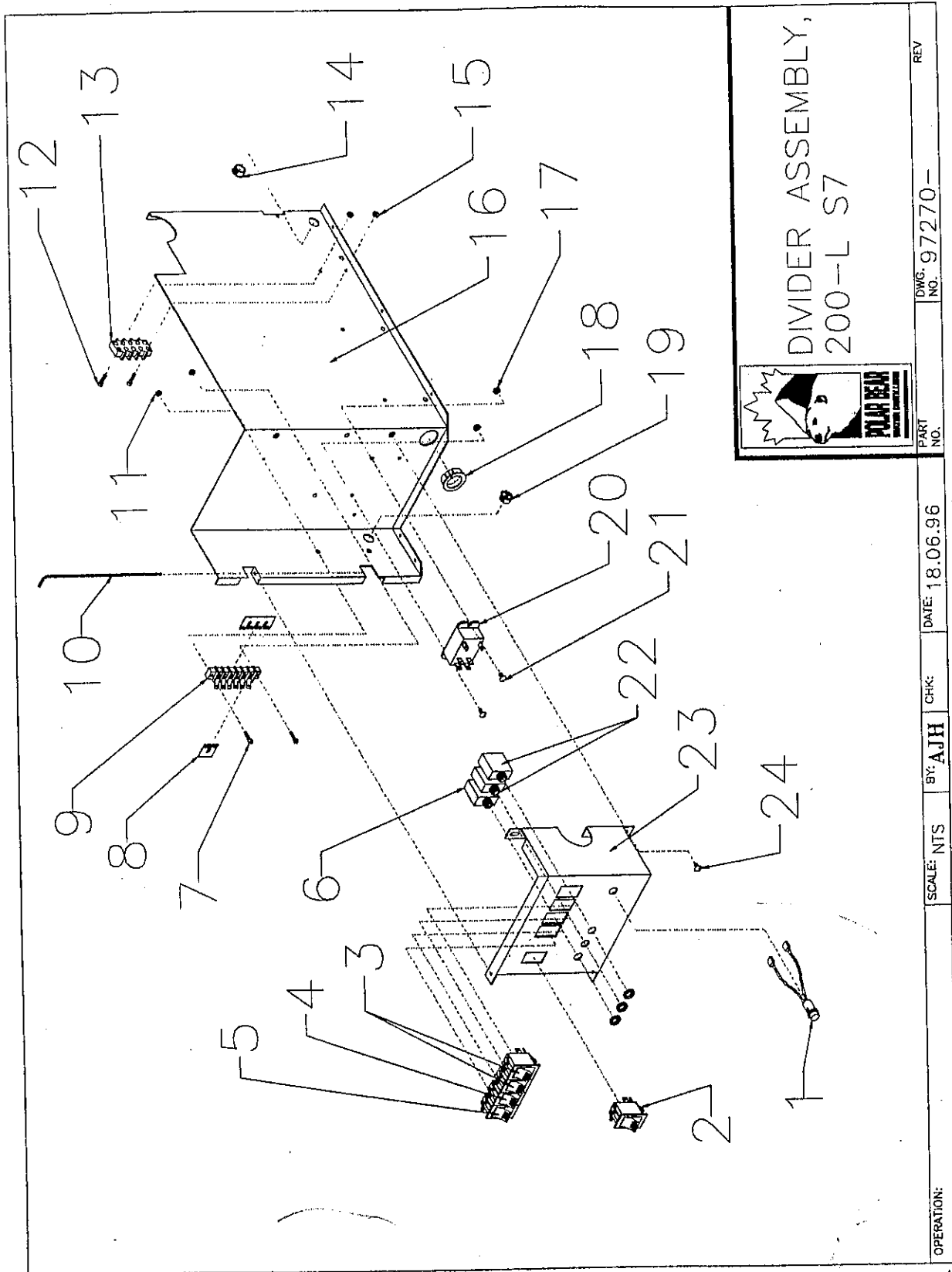
# Parts Diagram: Solenoid Valve Assembly



## Parts List: Divider Assembly

| Line | Qty  | Item   | Description                    |
|------|------|--------|--------------------------------|
| 1    | 1 EA | 102288 | INDICATOR,RED,220V,ALARM ASSM  |
| 2    | 1 EA | 102091 | SWITCH,ROCKER,RED,DPST,220V    |
| 3    | 2 EA | 102094 | SWITCH,ROCK,BLU,SPST120 220V   |
| 4    | 1 EA | 102093 | SWITCH,ROCK,CLR,SPST120 220V   |
| 5    | 1 EA | 102092 | SWITCH,ROCKER,RED,SPST120 220V |
| 6    | 1 EA | 102159 | BREAKER, 5 AMP                 |
| 7    | 2 EA | 10120  | SCREW,MACH,PLTD,PAN,6-32x5/8   |
| 8    | 1    | 102182 | JUMPER STRIP,ALUMINUM          |
| 9    | 1 EA | 102160 | TERM BLOCK,1x6POS,DBL-TAB@45   |
| 10   | 1    | 102152 | 200-L DOOR HINGE PIN           |
| 11   | 2 EA | 15507  | NUT,KEP,#6-32                  |
| 12   | 2 EA | 10120  | SCREW,MACH,PLTD,PAN,6-32x5/8   |
| 13   | 1 EA | 102161 | TERMINAL BLOCK,2 x 3 POS       |
| 14   | 1 EA | 100115 | BUSHING,WIRE,5/8"              |
| 15   | 2 EA | 15507  | NUT,KEP,#6-32                  |
| 16   | 1    | 102355 | 200-L SERIES 3 MIDDLE DIVIDER  |
| 17   | 2 EA | 15505  | NUT,KEP #8-32                  |
| 18   | 1 EA | 100146 | BUSHING,SNAP,NYLON,1.25"HOLE   |
| 19   | 1 EA | 100115 | BUSHING,WIRE,5/8"              |
| 20   | 1 EA | 102445 | RELAY,DPST,P&B T92, 240V, 30A  |
| 21   | 2 EA | 10102  | SCREW,MACH,SS,TRUSPHLP8-32X3/8 |
| 22   | 2 EA | 102158 | BREAKER, 30 AMP                |
| 23   | 1    | 102153 | 200-L SWITCH DOOR              |
| 24   | 2 EA | 10109  | SCREW,SHTMTL,SS,#10-12x1/2"    |

# Parts Diagram: Divider Assembly



DIVIDER ASSEMBLY,  
200-L S7



REV

DWG. NO. 97270-

PART NO.

DATE: 18.06.96

CHK:

BY: AJH

SCALE: NTS

OPERATION: