| TIEM | | | | PART | NUMBER | | | | PART N | IUMBER |
|--|-------------|-----|--------------------------------|---------------|---------------|-------------|---------------|------------------------------|---------------|---------------|
| 2 | <u>ITEM</u> | QTY | DESCRIPTION | CHLORINE | | <u>ITEM</u> | QTY | DESCRIPTION | CHLORINE | |
| 1 Servo Motor Assembly U-484-1 U-484-1 See CHART IV SE | 1 | 1 | TOP BODY | SEE CHART II | SEE CHART II | 36 | 1 | MARKER STRIP | R-518 | R-518 |
| A | 2 | 1 | BODY, CENTRE | U-1317-1 | U-1317-1 | 37 | 1 | PLATE | SEE CHART III | SEE CHART III |
| SEE CHART IV SEE | 3 | 1 | BOTTOM BODY | U-648-1 | U-648-1 | 38 | 1 | TERMINAL STRIP | R-383 | R-383 |
| CASE MOUNTING STUDS | 4 | 1 | SERVO MOTOR ASSEMBLY | SEE CHART IV | SEE CHART IV | 39 | 1 | MARKER STRIP | R-419 | R-419 |
| 7 | 5 | 1 | COVER | SEE CHART II | SEE CHART II | 40 | 1 | CABLE 6 CONDUCTOR | SEE CHART IV | SEE CHART IV |
| 8 2 FRONT POST SEE CHART IV SEE CHART IV 43 2 V_1 LOCK NUT R-736 R | 6 | 2 | MOUNTING STUDS | SEE CHART IV | SEE CHART IV | 41 | SEE CHART III | CABLE 3 CONDUCTOR | A-749 | A-749 |
| 9 2 REAR POST SEE CHART IV SEE CHART IV | 7 | 1 | GASKET | G-145 | G-145 | 42 | 1 | TUBING CLAMP | U-650-1 | U-650-1 |
| 10 | 8 | 2 | FRONT POST | SEE CHART IV | SEE CHART IV | 43 | 2 | ½" LOCK NUT | R-736 | R-736 |
| 11 | 9 | 2 | REAR POST | SEE CHART IV | SEE CHART IV | + 44 | 3 | O RING | OV-11-008 | OV-11-008 |
| 12 2 STOP | 10 | 1 | FOLLOWER ASSEMBLY | A-1077 | A-1077 | + 45 | 2 | O RING | OV-11-114 | OV-11-114 |
| 14 | 11 | 1 | DRIVER ASSEMBLY | SEE CHART IV | SEE CHART IV | 46 | SEE CHART III | 6-32 X ½ LG SCREW | 12421 | 12421 |
| 14 | 12 | 2 | STOP | T-281 | T-281 | + 47 | 1 | O RING | OV-11-129 | OV-11-129 |
| 15 1 | 14 | 4 | 10-24 X 1 LG RD HD SCREW | N-271 | N-271 | 48 | 3 | 10-24 X 1 LG FILL HD SCREW | N-126 | N-126 |
| 16 | 14 | 1 | STEM NUT | T-278 | T-278 | 49 | 2 | 6-32 X 1 LG TR HD SCREW | 12421 | 12421 |
| + 17 | 15 | 1 | O RING RETAINER | U-1061 | U-1061 | 50 | 2 | 10-24 X ½ LG FILL HD SCREW | N-138 | N-138 |
| 18 | 16 | 1 | SPACER | U-1059-1 | U-1059-1 | 51 | SEE CHART IV | 8-32 X 3/16 LG SKT SET SCREW | N-141 | N-141 |
| 1 | + 17 | 1 | SPACER | U-504 | U-504 | 52 | SEE CHART IV | 6-32 X 3/8 LG BND HD SCREW | N-144 | N-144 |
| VALVE GUIDE, TOP | 18 | 1 | RETAINER | U-589-1 | U-589-1 | 53 | 2 | 6-32 X 5/8 LG BND HD SCREW | N-171 | N-171 |
| 21 | 19 | 1 | VALVE PLUG | SEE CHART I | SEE CHART I | 54 | SEE CHART IV | 10-32 HEX NUT | N-179 | N-179 |
| 22 | 20 | 1 | VALVE GUIDE, TOP | U-586 | U-586 | 55 | 4 | 1/4-20 X 4LG RD HD SCREW | N-180 | N-180 |
| + 23 | 21 | 1 | VALVE GUIDE—TEFLON | U-588 | U-588 | 56 | 1 | 4-40 X ¼ LG SKT SET SCREW | N-193 | N-193 |
| 24 1 MOUNTING PLATE SEE CHART II SEE CHART III 59 3 10-32 X ½ LG RD HD SCREW N-260 N-260 25 1 CABLE ASSEMBLY WIPOTENTIOMETER T-316 60 SEE CHART IV 8-32 X 3/8 LG RD HD SCREW N-169 N-169 26 2 CLAMP POTENTIOMETER T-316 61 1 SWITCH, INCREASE/DECREASE SEE CHART IV SEE CHART IV 27 1 SERVO GEAR A-700 62 1 CAPACITOR ASSEMBLY SEE CHART IV SE | 22 | 1 | SPRING | S-113 | S-113 | 57 | 1 | 6-32 X 1/8 LG RD HD SCREW | N-196 | N-196 |
| 24 1 MOUNTING PLATE SEE CHART II SEE CHART III 59 3 10-32 X ½ LG RD HD SCREW N-260 N-260 25 1 CABLE ASSEMBLY WIPOTENTIOMETER T-316 60 SEE CHART IV 8-32 X 3/8 LG RD HD SCREW N-169 N-169 26 2 CLAMP POTENTIOMETER T-316 61 1 SWITCH, INCREASE/DECREASE SEE CHART IV SEE CHART IV 27 1 SERVO GEAR A-700 62 1 CAPACITOR ASSEMBLY SEE CHART IV SE | + 23 | 1 | DIAPHRAGM | D-115 | D-115 | 58 | 1 | LOCK WASHER | N-223 | N-223 |
| 26 2 CLAMP POTENTIOMETER T-316 T-316 61 1 SWITCH, INCREASE/DECREASE SEE CHART IV SEE CHART IV 27 1 SERVO GEAR A-700 A-700 62 1 CAPACITOR ASSEMBLY SEE CHART IV SEE CHART IV 28 1 GEAR U-888 U-888 63 1 DIN RAIL, 1.6 INCH G SEE CHART IV SEE CHART IV 29 1 GEAR STUD T-315 T-315 64 1 TERMINAL, GROUND SEE CHART IV SEE CHART IV 30 1 RETAINING RING R-551 R-551 65 4 TERMINAL SEE CHART IV SEE CHART IV SEE CHART IV 32 CONNECTOR R-1400 67 2 G-32 X'/L G-SCREW SEE CHART IV SEE CHART IV 33 1 BODY, FILTER U-1315-1 U-1315-1 1 SU-1315-1 G-1315-1 G- | 24 | 1 | MOUNTING PLATE | SEE CHART II | SEE CHART II | 59 | 3 | 10-32 X 1/2 LG RD HD SCREW | N-260 | N-260 |
| 27 1 SERVO GEAR A-700 A-700 62 1 CAPACITOR ASSEMBLY SEE CHART IV SEE CHART IV 28 1 GEAR U-888 U-888 63 1 DIN RAIL, 1.6 INCH G SEE CHART IV SEE CHART IV 29 1 GEAR STUD T-315 T-315 64 1 TERMINAL, GROUND SEE CHART IV SEE CHART IV 30 1 RETAINING RING R-551 R-551 65 4 TERMINAL SEE CHART IV SEE CHART IV 31 1 SUPPORT DISC 12419 66 1 END COVER SEE CHART IV SEE CHART IV 32 2 CONNECTOR R-1400 R-1400 67 2 6-32 X ½ LG SCREW SEE CHART IV SEE CHART IV 33 1 BODY, FILTER U-1315-1 U-1315-1 68 1 MARKER STRIP, TERMINALS SEE CHART IV SEE CHART IV + 34 1 INLET FILTER SCREEN W-101 W-101-1 69 1 SWITCH BOOT | 25 | 1 | CABLE ASSEMBLY W/POTENTIOMETER | SEE CHART III | SEE CHART III | 60 | SEE CHART IV | 8-32 X 3/8 LG RD HD SCREW | N-169 | N-169 |
| 28 1 GEAR U-888 U-888 G3 1 DIN RAIL, 1.6 INCH G SEE CHART IV SEE CHART IV | 26 | 2 | CLAMP POTENTIOMETER | T-316 | T-316 | 61 | 1 | SWITCH, INCREASE/DECREASE | SEE CHART IV | SEE CHART IV |
| 29 1 GEAR STUD T-315 T-315 64 1 TERMINÁL, GROUND SEE CHART IV | 27 | 1 | SERVO GEAR | A-700 | A-700 | 62 | 1 | CAPACITOR ASSEMBLY | SEE CHART IV | SEE CHART IV |
| 30 1 RETAINING RING R-551 R-551 65 4 TERMINAL SEE CHART IV SEE CHART IV 31 1 SUPPORT DISC 12419 12419 66 1 END COVER SEE CHART IV SEE CHART IV 32 2 CONNECTOR R-1400 R-1400 67 2 6-32 X ½ LG SCREW SEE CHART IV SEE CHART IV 33 1 BODY, FILTER U-1315-1 U-1315-1 68 1 MARKER STRIP, TERMINALS SEE CHART IV SEE CHART IV 4 4 1 INLET FILTER SCREEN W-101 W-101-1 69 1 SWITCH BOOT SEE CHART IV SEE CHART IV 5 7 7 7 7 7 7 7 7 7 | 28 | 1 | GEAR | U-888 | U-888 | 63 | 1 | DIN RAIL, 1.6 INCH G | SEE CHART IV | SEE CHART IV |
| 30 1 RETAINING RING R-551 R-551 65 4 TERMINAL SEE CHART IV SEE CHART IV | 29 | 1 | GEAR STUD | T-315 | T-315 | 64 | 1 | TERMINAL, GROUND | SEE CHART IV | SEE CHART IV |
| 32 2 CONNECTOR R-1400 R-1400 67 2 6-32 X ½ LG SCREW SEE CHART IV SEE CHART IV 33 1 BODY, FILTER U-1315-1 U-1315-1 68 1 MARKER STRIP, TERMINALS SEE CHART IV SEE CHART IV + 34 1 INLET FILTER SCREEN W-101 W-101-1 69 1 SWITCH BOOT SEE CHART IV SEE CHART IV | 30 | 1 | RETAINING RING | R-551 | R-551 | 65 | 4 | TERMINAL | SEE CHART IV | SEE CHART IV |
| 32 2 CONNECTOR R-1400 R-1400 67 2 6-32 X ½ LG SCREW SEE CHART IV SEE CHART IV 33 1 BODY, FILTER U-1315-1 U-1315-1 68 1 MARKER STRIP, TERMINALS SEE CHART IV SEE CHART IV + 34 1 INLET FILTER SCREEN W-101 W-101-1 69 1 SWITCH BOOT SEE CHART IV SEE CHART IV | 31 | 1 | SUPPORT DISC | 12419 | 12419 | 66 | 1 | END COVER | SEE CHART IV | SEE CHART IV |
| 33 1 BODY, FILTER U-1315-1 U-1315-1 68 1 MARKER STRIP, TERMINALS SEE CHART IV SEE CHART IV + 34 1 INLET FILTER SCREEN W-101 W-101-1 69 1 SWITCH BOOT SEE CHART IV SEE CHART IV | 32 | 2 | CONNECTOR | R-1400 | R-1400 | 67 | 2 | 6-32 X 1/4 LG SCREW | SEE CHART IV | SEE CHART IV |
| + 34 1 INLET FILTER SCREEN W-101 W-101-1 69 1 SWITCH BOOT SEE CHART IV | | 1 | BODY, FILTER | U-1315-1 | U-1315-1 | 68 | 1 | MARKER STRIP, TERMINALS | SEE CHART IV | SEE CHART IV |
| | | 1 | | | | | 1 | | | |
| | | 1 | TERMINAL STRIP | R-384 | R-384 | | 1 | COVER, TERMINAL STRIP | U-1065 | U-1065 |

CHART I

| CAPACITY IN PPD (KG/H) | | | | | |
|------------------------|-----|---------|---------|---------|---------|
| | | | | | |
| l I | ГЕМ | 50 | 100 | 200 | 500 |
| - | | (4.0) | (4.0) | (0.0) | (40) |
| | | (1.0) | (1.9) | (3.8) | (10) |
| 19 | CL2 | W-193-1 | W-193-2 | W-193-3 | W-202 |
| | SO2 | 17671 | 17672 | 17673 | W-202-1 |

CHART III

| ITEM | WITH SINGLE POTENTIOMETER | WITH DOUBLE POTENTIOMETER |
|------|------------------------------|------------------------------|
| 25 | A-750 | A-751 |
| 37 | N/R | R-2029 |
| 41 | 1 | 2 |
| 46 | 4 | 5 |

CHART II

| ITEM | WITH MANUAL ADJUSTMENT OLD MOTOR | WITHOUT MANUAL ADJUSTMENT OLD MOTOR | NEW MOTOR |
|------|--|---|-----------|
| 1 | See Parts List 105.7307 | U-1057 | 15208 |
| 5 | See Parts List 105.7307 | T-531 | 15217 |
| 24 | See Parts List 105.7307 | T-706 | 15109 |

CHART IV

| | | OHAI |
|------|--------------------|-----------|
| ITEM | OLD MOTOR | NEW MOTOR |
| 4 | A-447 (SEE NOTE 3) | 15115 |
| 6 | T-530 | 15172 |
| 8 | T-303 | 15157 |
| 9 | T-302 | 15173 |
| 11 | A-1076 | 15110 |
| 40 | A-747 | N/R |
| 51 | 4 | 5 |
| 52 | 3 | 5 |
| 54 | 3 | 1 |
| | | |

| ٧ | | | |
|---|------|-----------|-----------|
| | ITEM | OLD MOTOR | NEW MOTOR |
| | 60 | N/R | 2 |
| | 61 | N/R | 15190 |
| | 62 | N/R | 15175 |
| | 63 | N/R | 15174 |
| | 64 | N/R | R-6591 |
| | 65 | N/R | R-6592 |
| | 66 | N/R | R-6595 |
| | 67 | N/R | N-127 |
| | 68 | N/R | 15216 |
| | 69 | N/R | R-1401 |

NOTES

- 1. ITEMS MARKED + ARE INCLUDED IN SPARES KIT— PLEASE REFER TO CHART X (10KG/H ONLY—REFER TO SEPARATE KIT FOR VALVES BELOW 10KG/H).
- 2. LINE LEFT INTENTIONALLY BLANK
- 3. MOTOR A-447 IS NO LONGER AVAILABLE, ALL PARTS IN CHART IV LISTED AS "NEW MOTOR" ARE REQUIRED TO RETROFIT THE VALVE AND CAN BE PURCHASED AS KIT 15230

CHART X

| OTIANT A | | |
|-----------------|-----------------------|--|
| Gas | SERVICE KIT NUMBER | |
| Chlorine | SK-101-B | |
| Sulphur Dioxide | SK-101-F | |

