



15 +12VDC
17 +18V

| REF DES | DESCRIPTION | LOCATION |
|---------|---------------------|----------|
| F1 | FUSE 1/2A 600V | C2 |
| W1 | CONTACTOR, 24V COIL | F3 |
| -- | ON/OFF SWITCH DPST | D1 |
| -- | RUN/SET SWITCH | D1 |
| M1 | 230V FAN | C1 |
| M2 | GAS SOLENOID 24V | F4 |
| P51 | PRESSURE SWITCH | F5 |
| T51 | TEMP1 SENSOR | F5 |
| T52 | TEMP2 SENSOR | F6 |
| T1 | AUX TRANSFORMER | C3 |
| T5 | MAIN TRANSFORMER | A6 |
| PCR | PILOT CONTROL RELAY | C9 |
| T6 | CD TRANSFORMER | C10 |
| L1 | OUTPUT INDUCTOR | B10 |

| REV | REVISIONS | BY | DATE | REV | REVISIONS | BY | DATE | THERMAL DYNAMICS | | PCB NO. | |
|-----|---------------|-----|------------|-----|-----------|----|------|--|-------|--------------------------|---------------|
| AA | REL. ECO 3346 | GCW | 04/12/2001 | | | | | INDUSTRIAL PARK 2 | SCALE | ASSY NO. | |
| AB | ECO 391E | GCW | 08/02/2001 | | | | | WEST LEBANON, NH 03784 | N/A | | |
| AC | ECO 100883 | HAS | 04/17/2003 | | | | | 16031 298-5711 | | SUPERSEDES | |
| | | | | | | | | A THERMADYNE Company | | | |
| | | | | | | | | INFORMATION PROPRIETARY TO THERMAL DYNAMICS CORPORATION. NOT FOR RELEASE, OR DISTRIBUTION. | | DATE | SUPERSEDED BY |
| | | | | | | | | | | 01/09/01 | |
| | | | | | | | | NOTE: UNLESS OTHERWISE SPECIFIED, RESISTORS ARE IN OHMS 1/4W 5%. CAPACITORS ARE IN MICROFARADS(UF) | | DRAWN | REFERENCE |
| | | | | | | | | | | GCW/mer | |
| | | | | | | | | | | CHK | APP |
| | | | | | | | | | | | 1 OF 1 |
| | | | | | | | | TITLE | | SYSTEM SCHEMATIC | |
| | | | | | | | | | | CUTMASTER 50 400/460 3PH | |
| | | | | | | | | | | 42X1079 | |