



**MSR BURNER MODEL, PART DESCRIPTION AND PART NUMBER WHEN ORDERING PARTS**

| NO. | DESCRIPTION                | PART NO.   |
|-----|----------------------------|------------|
| 1   | BURNER HOUSING             | 31841-036  |
| 2   | JUNCTION BOX ASM           | 21319      |
| 3   | MOTOR 1/8 H.P.             | 20627      |
| 4   | BLOWER WHEEL 3 1/8 X 4 1/4 | 20673      |
|     | BLOWER WHEEL 3 1/2 X 4 1/4 | 21427      |
| 5   | MOTOR CORD COVER           | 13029      |
| 6A  | TRANSFORMER 115V           | 23101-M    |
|     | 230V                       | 23103-M    |
| 6B  | FRANCE IGNITOR 115V        | 101050-001 |
| 6C  | CARLIN IGNITOR 230V        | 31812-002  |
| 7A  | COVER                      | 21723-002  |
| 7B  | COVER                      | 21723-003  |
| 7C  | COVER                      | 100730-001 |
| 8   | COUPLING                   | 13424      |
| 9A  | FUEL UNIT MODEL A          | 13495      |
| 9B  | FUEL UNIT MODEL B          | 13634      |
| 9C  | SUNTEC COMBO UNIT 115V     | 101128-001 |
|     | SUNTEC COMBO UNIT 230V     | 101128-002 |
| 10  | 6" OIL LINE ASSEMBLY       | 14451      |
|     | 8" OIL LINE ASSEMBLY       | 14452      |
| 11  | INNER AIR BAND             | 20601-002  |
| 12  | OUTER AIR BAND             | 20602-002  |

| NO. | DESCRIPTION          | PART NO.  |
|-----|----------------------|-----------|
| 13  | AIR TUBE & GUN ASSM. | *         |
| 14  | GASKET               | 12484     |
| 15  | ADJUSTABLE FLANGE    | 2689-011  |
| 16  | PEDESTAL MOUNT       | 21760-011 |
| 17  | ELBOW                | 13494     |

**\*PART NUMBER SEE PAGE 7**

| Suggested Combustion Chamber Dimensions<br>Conversion or Upgrading<br>Chamber Dimensions (In Inches) |                  |                  |                  |                  |                 |
|--|------------------|------------------|------------------|------------------|-----------------|
| Firing Rate (G.H.P)  | Square           |                  | Round            | Height           | Floor to Nozzle |
|  | Width            | Length           |                  |                  |                 |
| 0.85   | 8.5              | 8.5              | 9                | 12               | 5-6             |
| 1.00   | 9                | 9                | 10 $\frac{1}{2}$ | 12 $\frac{1}{2}$ | 5-6             |
| 1.25   | 10               | 10               | 11 $\frac{1}{4}$ | 12 $\frac{1}{2}$ | 5-6             |
| 1.35   | 10 $\frac{1}{2}$ | 10 $\frac{1}{2}$ | 11 $\frac{1}{4}$ | 12 $\frac{1}{2}$ | 5-6             |
| 1.50   | 11               | 11               | 12 $\frac{1}{2}$ | 13               | 5-6             |
| 1.65   | 11 $\frac{1}{2}$ | 11 $\frac{1}{2}$ | 13               | 13 $\frac{1}{4}$ | 5-6             |
| 2.00   | 12 $\frac{1}{2}$ | 12 $\frac{1}{2}$ | 14 $\frac{1}{4}$ | 13 $\frac{1}{2}$ | 6-7             |
| 2.50   | 14 $\frac{1}{4}$ | 14 $\frac{1}{4}$ | 16               | 14               | 7-8             |
| 3.00   | 15 $\frac{1}{2}$ | 15 $\frac{1}{2}$ | 17 $\frac{1}{2}$ | 15               | 7-8             |