**Wattage Estimate Chart**

### Emergency

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Running Watts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Refrigerator</td>
<td>600 - 1200</td>
</tr>
<tr>
<td>TV / Microwave</td>
<td>300 - 600</td>
</tr>
<tr>
<td>Total Running Watts (must be less than 7,000)</td>
<td>2000</td>
</tr>
</tbody>
</table>

### House/hold

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Running Watts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toaster</td>
<td>200 - 400</td>
</tr>
<tr>
<td>Washing Machine</td>
<td>400 - 1000</td>
</tr>
<tr>
<td>Air Conditioner</td>
<td>1000 - 2000</td>
</tr>
<tr>
<td>Total Running Watts (must be less than 8,750)</td>
<td>3000</td>
</tr>
</tbody>
</table>

### Lawn & Garden

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Running Watts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mower</td>
<td>300 - 600</td>
</tr>
<tr>
<td>Pressure Washer</td>
<td>2000 - 3000</td>
</tr>
<tr>
<td>Total Running Watts (must be less than 7,000)</td>
<td>5000</td>
</tr>
</tbody>
</table>

### Recreational

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Running Watts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fan</td>
<td>200 - 400</td>
</tr>
<tr>
<td>TV / Microwave</td>
<td>300 - 600</td>
</tr>
<tr>
<td>Total Running Watts (must be less than 7,000)</td>
<td>1000</td>
</tr>
</tbody>
</table>

### Heating & Cooling

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Running Watts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heater</td>
<td>1000 - 2000</td>
</tr>
<tr>
<td>Total Running Watts (must be less than 7,000)</td>
<td>3000</td>
</tr>
</tbody>
</table>

**IF ANY CIRCUIT BREAKERS TRIP:**

1. Make sure that all circuit breakers are reset before starting the generator again.
2. Adjust the plugs so the loads are shared across outlet circuits.

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**Check total Start-up watts amount before plugging in any equipment.**

To check the wattage amount:

1. Add up the Running Watts for all items you would like to use at any given time.
2. Make sure that this total is under the 7,000 rated wattage of the generator.
3. Find the single highest starting watts for the selected items and add to the total.
4. Make sure that this total is under the 8,750 maximum rated wattage of the generator.
5. Plug in and turn on products from largest wattage to smallest.

**Typical Product Watts**

Check your appliance for actual ratings.

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**Generator Components**

- A. Fuel Cap
- B. Fuel Valve
- C. Choke
- D. Air Filter
- E. Starter Handle
- F. Power Switch
- G. Low Oil Indicator
- H. DC Receptacle
- I. DC Circuit Breaker
- J. AC Circuit Breakers
- K. AC Receptacles
- L. Ground Terminal

**WARNING**

To prevent serious injury, READ MANUAL BEFORE USE.
BEFORE USING:
Unplug all electrical loads

GROUND GENERATOR
TO PREVENT ELECTRIC SHOCK

For Electric Start
Install and connect 12V battery

ADD FLUIDS
Check oil and fuel levels
If needed, fill as shown below

Add oil to engine crankcase
WITHOUT OIL
GENERATOR WILL
NOT START

Add fuel to within
1" of the rim of the tank

Note: Use regular Unleaded 87 Octane gasoline.
ESS Ethanol blend will damage engine.

Manual Starting Procedure

1. CHOKE TO START
2. OPEN FUEL VALVE
3. TURN SWITCH TO ON
4. PULL STARTER HANDLE
5. CHOKE SLOWLY TO RUN
6. CHECK TOTAL WATTS THEN PLUG IN PRODUCTS

Electric Starting Procedure

1. CHOKE TO START
2. OPEN FUEL VALVE
3. TURN SWITCH TO START FOR UP TO 5 SECONDS.
4. CHOKE SLOWLY TO RUN
5. CHECK TOTAL WATTS THEN PLUG IN PRODUCTS

Must be Less than 7,000
Must be Less than 8,750
Must be Less than 8,750
Must be Less than 8,750
Must be Less than 7,000