

## Operating and Safety Instructions for Arrow Models 350, 850, 1200, 1750 & 6000



### Features:

1. On/Off Switch (Lighted)
2. Variable Speed Dial (Yellow Knob)
3. Circuit Breaker (Behind Unit)  
 (Manually Resettable. **Caution:** Turn power off before pushing the reset button.)

### Instructions:

- A. Set on/off switch to the off (unlit) position.
- B. Set speed dial to "0".
- C. Plug into AC grounded outlet.

### Set up:

- D. Stirrer should be properly mounted and clamped to a suitable ring stand or to a framework.
- E. Make sure that the shaft and propeller assembly is securely attached to stirrer. (Align set screws with shaft flat)
- F. Do not operate stirrer with the shaft and propeller attached to it outside the mixing vessel.

### To Operate:

- G. Turn on/off switch to on (lit) position.
- H. Turn speed dial slowly in a clockwise direction while observing mixing action until you get the desired result.

Please take note of the serial number. You will need it when ordering parts for the motor.

- Intended for indoor use only.
- Temperature range from 5° C (40° F) to 40° C (100° F).
- If service is required, return unit to manufacturer for repair.
- If the equipment is used in a manner not specified by the manufacturer, the protection provided by the equipment may be impaired.

### WARNING

The **Arrow 350 & 850** will run hot after several minutes of operation. This is **normal**. However, you should exercise caution if you have to touch the stirrer.

### Specifications

| Model # and Type          | Motor Specifications       | Speed Range  | Gear Ratio   | Torque Constant*             | Shipping Weight |
|---------------------------|----------------------------|--------------|--------------|------------------------------|-----------------|
| Arrow # 350 Gearhead      | 1/14 hp<br>120 VAC – 60 Hz | 10-350 RPM   | 7 to 1       | 205.76 in-oz<br>12.86 in-lbs | 9 lbs<br>4.1 kg |
| Arrow # 850 Gearhead      | 1/10 hp<br>120 VAC – 60 Hz | 20-1000 RPM  | 7 to 1       | 118.56 in-oz<br>7.41 in-lbs  | 9 lbs<br>4.1 kg |
| Arrow # 1200 Heavy Duty   | 1/9 hp<br>120 VAC – 60 Hz  | 50-1200 RPM  | Direct Drive | 93.44 in-oz<br>5.84 in-lbs   | 9 lbs<br>4.1 kg |
| Arrow # 1750 Gen. Purpose | 1/14 hp<br>120 VAC - 60 Hz | 50-2000 RPM  | Direct Drive | 36 in-oz<br>2.25 in-lbs      | 8 lbs<br>3.6 kg |
| Arrow # 6000 Light Duty   | 1/10 hp<br>120 VAC – 60 Hz | 300-6000 RPM | Direct Drive | 16.8 in-oz<br>1.05 in-lbs    | 8 lbs<br>3.6 kg |

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\*Torque Values at Maximum RPM