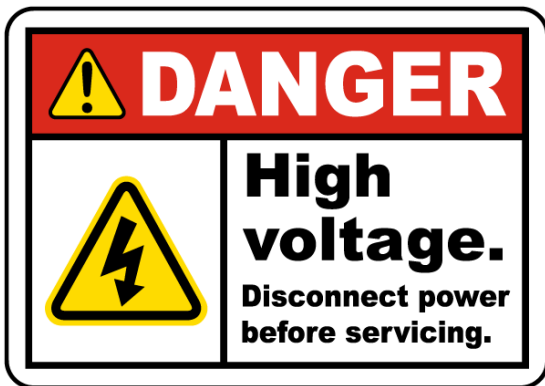




# 4" FRANKLIN 230V/1 PHASE MOTOR SPECIFICATIONS & TESTING PARAMETERS

**MOTORS WITH 4 WIRES (3-WIRE WITH GROUND WIRE)  
WIRES = WHITE/YELLOW, BLACK, RED & GREEN**

HORSEPOWER MOTOR DIA. MAKE & RPM	VOLTS	PHASE	Hz	SERVICE FACTOR	FULL LOAD AMPS	MAX LOAD AMPS	RECOMMENDED CIRCUIT BREAKER	LINE to LINE RESISTANCE IN OHMS	LOCKED ROTOR AMPS
<b>1 HP</b> 4" FRANKLIN 3450 RPM	230V	1 PH	60 HZ	1.40	W/Y 6.6 B 6.6 R 1.3 G-Ground	W/Y 8.0 B 7.9 R 1.3 G-Ground	25 AMP	W/Y to B MAIN 2.2 - 2.7 W/Y to R START 9.9 - 12.1	43.0
<b>1.5 HP</b> 4" FRANKLIN 3450 RPM	230V	1 PH	60 HZ	1.30	W/Y 10.0 B 9.9 R 1.3 G-Ground	W/Y 11.5 B 11.9 R 2.6 G-Ground	30 AMP	W/Y to B MAIN 1.7 - 2.1 W/Y to R START 7.5 - 9.2	51.4
<b>2 HP</b> 4" FRANKLIN 3450 RPM	230V	1 PH	60 HZ	1.25	W/Y 10.0 B 9.3 R 2.6 G-Ground	W/Y 13.2 B 11.9 R 2.6 G-Ground	25 AMP	W/Y to B MAIN 1.8 - 2.3 W/Y to R START 5.5 - 7.2	53.1
<b>3 HP</b> 4" FRANKLIN 3450 RPM	230V	1 PH	60 HZ	1.15	W/Y 14.0 B 11.2 R 6.1 G-Ground	W/Y 17.0 B 12.6 R 6.0 G-Ground	40 AMP	W/Y to B MAIN 1.1 - 1.4 W/Y to R START 4.0 - 4.8	83.4



## IMPORTANT

- DO NOT** test Winding resistance with the motor connected to the Control Box.
- Test the Windings Line to Line Resistance by using a Multimeter or Ohmmeter to measure Ohms (Resistance) between the wires.
- Ohms (Resistance) measured between any combination of wires should be a similar value.  
White/Yellow to Black = Main Windings  
White/Yellow to Red = Start Windings
- A bound pump will cause locked rotor amps and over-current fault/shut down. Check for obstructions in the pump and/or the amps on the Black wire at start-up.