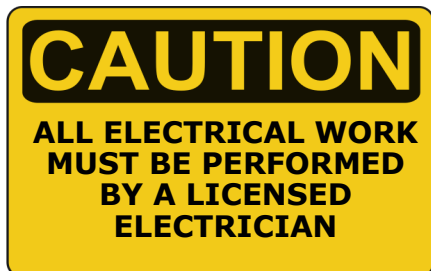
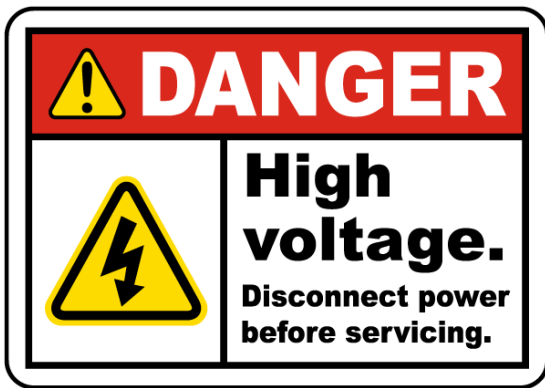




4" FRANKLIN 230V/1 PHASE MOTOR SPECIFICATIONS & TESTING PARAMETERS

**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
1 HP 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
1.5 HP 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
2 HP 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
3 HP 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

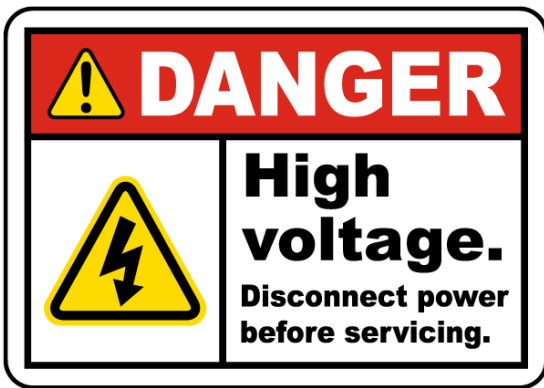
- DO NOT** test Winding resistance with the motor connected to the Control Box.
- Test the Windings Line to Line Resistance by using a Multimeter or Ohmmeter to measure Ohms (Resistance) between the wires.
- Ohms (Resistance) measured between any combination of wires should be a similar value.
White/Yellow 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.



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

**MOTORS WITH 3 WIRES (2-WIRE WITH GROUND WIRE)
WIRES = WHITE/YELLOW, BLACK & 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
0.5 HP 4" FRANKLIN 3450 RPM	115V	1 PH	60 HZ	1.6	10.0	12.0	30 AMP	1.0 - 1.3	64.4
0.5 HP 4" FRANKLIN 3450 RPM	230V	1 PH	60 HZ	1.6	5.0	6.0	15 AMP	4.2 - 5.2	32.2
0.75 HP 4" FRANKLIN 3450 RPM	230V	1 PH	60 HZ	1.5	6.8	8.0	20 AMP	3.0 - 3.6	40.7
1 HP 4" FRANKLIN 3450 RPM	230V	1 PH	60 HZ	1.4	8.2	10.4	25 AMP	2.2 - 2.7	48.7
1.5 HP 4" FRANKLIN 3450 RPM	230V	1 PH	60 HZ	1.3	10.6	13.1	30 AMP	1.5 - 2.1	66.2



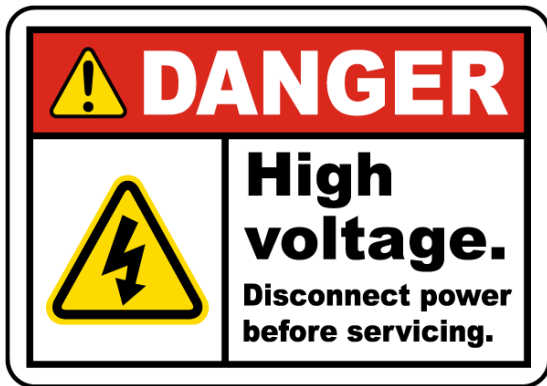
IMPORTANT

- DO NOT** test Winding resistance with the motor connected to the power source.
- Test the windings by using a Multimeter or Ohmmeter to measure Ohms (Resistance) between White/Yellow to Black.
- Ohms (Resistance) measured between White/Yellow to Black wires should be within the given parameters.
- 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.



6" FRANKLIN ELECTRIC 1 PHASE SUBMERSIBLE MOTOR SPECIFICATIONS & TESTING PARAMETERS

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
5 HP 6" FRANKLIN 3450 RPM	230V	1 PH	60	1.15	W/Y 23 B 14.3 R 10.8 G-Ground	W/Y 27.5 B 17.4 R 10.5 G-Ground	60 AMP	W/Y to B MAIN 0.55 - 0.68 W/Y to R START 1.3-1.7	99.0
7.5 HP 6" FRANKLIN 3450 RPM	230V	1 PH	60	1.15	W/Y 36.5 B 34.4 R 5.5 G-Ground	W/Y 42.1 B 40.5 R 5.4 G-Ground	100 AMP	W/Y to B MAIN 0.36 - 0.50 W/Y to R START 0.88 - 1.1	165.0
10 HP 6" FRANKLIN 3450 RPM	230V	1 PH	60	1.15	W/Y 44 B 39.5 R 9.3 G-Ground	W/Y 51 B 47.5 R 8.9 G-Ground	125 AMP	W/Y to B MAIN 0.27 - 0.33 W/Y to R START 0.80-0.99	204.0
15 HP 6" FRANKLIN 3450 RPM	230V	1 PH	60	1.15	W/Y 62 B 52.0 R 17.5 G-Ground	W/Y 75 B 62.5 R 16.9 G-Ground	175 AMP	W/Y to B MAIN 0.17 - 0.22 W/Y to R START 0.68 - 0.93	303.0



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.