



230 VOLT/1 PHASE ELECTRICAL SPECIFICATIONS

Size	HP	Volt	PH	Required Circuit Breaker	Hz	S.F.	Full Load Amps	Max Load Amps	Winding Resistance in Ohms	Locked Rotor Amps
4" 2-WIRE MOTOR	0.5	230	1	15	60	1.60	5.0	6.0	4.2-5.2	32.2
	0.75	230	1	20	60	1.50	6.8	8.0	3.0-3.6	40.7
	1	230	1	25	60	1.40	8.2	10.4	2.2-2.7	48.7
	1.5	230	1	30	60	1.30	10.6	13.1	1.5-2.1	66.2
4" 3-WIRE MOTOR	1	230	1	25	60	1.40	W/Y 6.6 B 6.6 R 1.3	W/Y 8 B 7.9 R 1.3	MAIN 2.2-2.7 START 9.9-12.1	43.0
	1.5	230	1	25	60	1.30	W/Y 10 B 9.9 R 1.3	W/Y 11.5 B 11.9 R 2.6	MAIN 1.7-2.1 START 7.5-9.2	51.4
	2	230	1	25	60	1.25	W/Y 10 B 9.3 R 2.6	W/Y 13.2 B 11.9 R 2.6	MAIN 1.8-2.3 START 5.5-7.2	53.1
	3	230	1	40	60	1.15	W/Y 14 B 11.2 R 6.1	W/Y 17 B 12.6 R 6.0	MAIN 1.1-1.4 START 4-4.8	83.4
6" 3-WIRE MOTOR	5	230	1	60	60	1.15	W/Y 23 B 14.3 R 10.8	W/Y 27.5 B 17.4 R 10.5	MAIN .55-.68 START 1.3-1.7	99.0
	7.5	230	1	100	60	1.15	W/Y 36.5 B 34.4 R 5.5	W/Y 42.1 B 40.5 R 5.4	MAIN .36-.50 START .88-1.1	165.0
	10	230	1	125	60	1.15	W/Y 44 B 39.5 R 9.3	W/Y 51 B 47.5 R 8.9	MAIN .27-.33 START .80-.99	204.0
	15	230	1	175	60	1.15	W/Y 62 B 52 R 17.5	W/Y 75 B 62.5 R 16.9	MAIN .17-.22 START .68-.93	303.0

CAUTION: ALWAYS DISCONNECT POWER PRIOR TO DISCONNECTING MOTOR LEADS

IMPORTANT: DO NOT test Winding resistance with the motor connected to the control box.

- * Test the Main Winding by using a Multimeter or an Ohmmeter to measure Ohms (Resistance) between the Yellow or White wire and the Black wire.
- * Test the Start Winding by using a Multimeter or an Ohmmeter to measure Ohms (Resistance) between the Yellow or White wire and the Red wire.
- * A bound pump will cause locked rotor amps and overload tripping. Check for obstructions in the pump and/or the amps on the Black wire at start-up.