

TYPICAL MOTOR FULL LOAD AMPS

SINGLE AND THREE PHASE MOTORS
USE THIS TABLE AS A GUIDE ONLY

HP	SINGLE PHASE				HP	THREE PHASE				
	120V	200V	208V	230V		200V	208V	230V	460V	575V
1/6	4.4	2.5	2.4	2.2	1/6	-	-	-	-	-
¼	5.8	3.3	3.2	2.9	¼	-	-	-	-	-
1/3	7.2	4.1	4.0	3.6	1/3	-	-	-	-	-
½	9.8	5.6	5.4	4.9	½	2.5	2.4	2.2	1.1	0.9
¾	13.8	7.9	7.6	6.9	¾	3.7	3.5	3.2	1.6	1.3
1	16	9.2	8.8	8.0	1	4.8	4.6	4.2	2.1	1.7
1 ½	20	11.5	11.0	10	1 ½	6.9	6.6	6.0	3.0	2.4
2	24	13.8	13.2	12	2	7.8	7.5	6.8	3.4	2.7
3	34	19.6	18.7	17	3	11	10.6	9.6	4.8	3.9
5	56	32.2	30.8	28	5	17.5	16.7	15.2	7.6	6.1
7 ½	80	46.0	44.0	40	7 ½	25	24.2	22	11	9
10	100	57.5	55.0	50	10	32	30.8	28	14	11
15	-	-	-	-	15	48	46	42	21	17
20	-	-	-	-	20	62	59	54	27	22
25	-	-	-	-	25	78	75	68	34	27
30	-	-	-	-	30	92	88	80	40	32
40	-	-	-	-	40	120	114	104	52	41
50	-	-	-	-	50	150	143	130	65	52
60	-	-	-	-	60	177	169	154	77	62
75	-	-	-	-	75	221	211	192	96	77
100	-	-	-	-	100	285	273	248	124	99
125	-	-	-	-	125	359	343	312	156	125
150	-	-	-	-	150	414	396	360	180	144

The information in this table was derived from the NEC and UL Industrial Control Standard 508. The voltages listed are standard rated motor voltages. The currents listed shall be permitted for system voltage ranges of 110-120, 220-240, 440-480, and 550-600 volts.

App4Water
2 Forest Drive
Catonsville, MD 21228
410.744.9040 *phone*
410.744.6062 *fax*
www.app4water.com