

MOTOR CONTROLS



## Electrical Data Sheet



To ensure years of reliable service, your AutoVac equipment must be properly installed by a certified electrician. On the reverse are approved electrical specifications.

Any variance from these factory-approved specifications may limit or void equipment warranties. Check with your AutoVac dealer or contact our technical support line for more information.

**888-628-8682**

email: [sales@autovacinc.com](mailto:sales@autovacinc.com)



[www.autovacinc.com](http://www.autovacinc.com)

**REQUIRED  
ELECTRICAL  
SPECIFICATION  
DATA CHART**

FOR TURBINE MOTOR WIRING

Horsepower and Electric Data shown for Single Vac Producer,  
for Dual Turbine Systems Provide Two Matching Circuits

		Horsepower	Hertz	1 Phase Volts AC	Full Load Amps	Copper Wire Size	Mag. Starter Size	Disconnect Non-Fused Rating in Amps	Circuit Breaker Size in Amps
<b>7.5HP</b>	<b>ALL SYSTEMS USING 1 PHASE MOTORS</b>	<b>7.5HP</b> 3600 RPM	<b>60HZ</b>	208	35	#8	2	60	75
				230	31	#8	2	60	75
<b>10HP</b>	<b>ALL SYSTEMS USING 1 PHASE MOTORS</b>	<b>10HP</b> 3600 RPM	<b>60HZ</b>	208	43	#8	2.5	60	100
				230	39	#8	2.5	60	100
		Horsepower	Hertz	3 Phase Volts AC	Full Load Amps	Copper Wire Size	Mag. Starter Size	Disconnect Non-Fused Rating in Amps	Circuit Breaker Size in Amps
<b>7.5HP</b>	<b>ALL SYSTEMS USING 3 PHASE MOTORS</b>	<b>7.5HP</b> 3600 RPM	<b>60HZ</b>	208	25	#10	1.5	60	50
				230	22	#10	1.5	30	45
				460	11	#14	1	30	20
<b>7.5HP</b>	<b>ALL SYSTEMS USING 3 PHASE MOTORS</b>	<b>7.5HP</b> 2850 RPM	<b>50HZ</b>	380	11	#14	1	30	30
<b>10HP</b>	<b>ALL SYSTEMS USING 3 PHASE MOTORS</b>	<b>10HP</b> 3600 RPM	<b>60HZ</b>	208	32	#8	1.5	60	60
				230	28	#10	1.5	60	50
				460	14	#14	1	30	30
<b>10HP</b>	<b>ALL SYSTEMS USING 3 PHASE MOTORS</b>	<b>10HP</b> 2850 RPM	<b>50HZ</b>	380	14	#12	1	30	30
<b>15HP</b>	<b>ALL SYSTEMS USING 3 PHASE MOTORS</b>	<b>15HP</b> 3600 RPM	<b>60HZ</b>	208	48	#6	2.5	60	100
				230	42	#6	2	60	80
				460	21	#10	1.5	30	40
<b>15HP</b>	<b>ALL SYSTEMS USING 3 PHASE MOTORS</b>	<b>15HP</b> 2850 RPM	<b>50HZ</b>	380	21	#10	1.5	30	40
<b>20HP</b>	<b>ALL SYSTEMS USING 3 PHASE MOTORS</b>	<b>20HP</b> 3600 RPM	<b>60HZ</b>	208	62	#4	3	100	125
				230	54	#6	2.5	100	100
				460	27	#10	2	60	60
<b>20HP</b>	<b>ALL SYSTEMS USING 3 PHASE MOTORS</b>	<b>20HP</b> 2850 RPM	<b>50HZ</b>	380	27	#8	2	60	60
<b>25HP</b>	<b>ALL SYSTEMS USING 3 PHASE MOTORS</b>	<b>25HP</b> 3600 RPM	<b>60HZ</b>	208	78	#3	3	100	150
				230	68	#4	3	100	125
				460	34	#8	2	60	70
<b>25HP</b>	<b>ALL SYSTEMS USING 3 PHASE MOTORS</b>	<b>25HP</b> 2850 RPM	<b>50HZ</b>	380	34	#8	2	60	70
<b>30HP</b>	<b>ALL SYSTEMS USING 3 PHASE MOTORS</b>	<b>30HP</b> 3600 RPM	<b>60HZ</b>	208	92	#2	4	125	150
				230	60	#3	3	100	125
				460	40	#8	3	60	100
<b>30HP</b>	<b>ALL SYSTEMS USING 3 PHASE MOTORS</b>	<b>30HP</b> 2850 RPM	<b>50HZ</b>	380	40	#8	3	60	100