

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	
		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>60HZ</b>	7.5HP 3600 RPM	208	35	#8	2	60	75
			230	31	#8	2	60	75
<b>10HP</b>	<b>60HZ</b>	10HP 3600 RPM	208	43	#8	2.5	60	100
			230	39	#8	2.5	60	100
<b>7.5HP</b>	<b>60HZ</b>	7.5HP 3600 RPM	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>50HZ</b>	7.5HP 2850 RPM	380	11	#14	1	30	30
<b>10HP</b>	<b>60HZ</b>	10HP 3600 RPM	208	32	#8	1.5	60	60
			230	28	#10	1.5	60	50
			460	14	#14	1	30	30
<b>10HP</b>	<b>50HZ</b>	10HP 2850 RPM	380	14	#12	1	30	30
<b>15HP</b>	<b>60HZ</b>	15HP 3600 RPM	208	48	#6	2.5	60	100
			230	42	#6	2	60	80
			460	21	#10	1.5	30	40
<b>15HP</b>	<b>50HZ</b>	15HP 2850 RPM	380	21	#10	1.5	30	40
<b>20HP</b>	<b>60HZ</b>	20HP 3600 RPM	208	62	#4	3	100	125
			230	54	#6	2.5	100	100
			460	27	#10	2	60	60
<b>20HP</b>	<b>50HZ</b>	20HP 2850 RPM	380	27	#8	2	60	60
<b>25HP</b>	<b>60HZ</b>	25HP 3600 RPM	208	78	#3	3	100	150
			230	68	#4	3	100	125
			460	34	#8	2	60	70
<b>25HP</b>	<b>50HZ</b>	25HP 2850 RPM	380	34	#8	2	60	70
<b>30HP</b>	<b>60HZ</b>	30HP 3600 RPM	208	92	#2	4	125	150
			230	60	#3	3	100	125
			460	40	#8	3	60	100
<b>30HP</b>	<b>50HZ</b>	30HP 2850 RPM	380	40	#8	3	60	100
<b>40HP</b>	<b>60HZ</b>	40HP 3600 RPM	208	114	#1/0	4	200	250
			230	104	#1	3.5	200	250
			460	52	#6	3	100	100
<b>40HP</b>	<b>50HZ</b>	40HP 2850 RPM	380	40.5	#6	3	60	100