

# MASTER

## EC Series - Variable Speed Electric Fire Pump Controllers

MASTER LIST PRICES  
Effective: March 1, 2006  
Supersedes: January 16, 2006

Customer Service  
(847) 295-1010  
sales@mastercontrols.com



*Standard units provide manual and automatic shutdown with minimum run timer, 300 PSI pressure switch, NEMA 12 enclosure, and Service Entrance rating. In the separate variable speed circuit, standard units provide a line isolating contactor, 5% line reactor, line fuses, variable frequency drive, load isolating contactor, bypass contactor with interlock and independent pressure sensing circuitry.*

*Visual LED indication and remote contacts are provided for Pump Running, Failure to Start, Motor Overload, Drive Failure, and Bypass Mode. Visual indication of AC Volts Low is also provided.*

*Units feature a Paperless Pressure and Alarm Recorder, Built-in Alarm System, 5 year limited warranty, 5K lightning guarantee, EMC certification, PhaseSmart, digital metering, status LEDs and restart delay.*

**Caution: The motor service factor must not be used.  
Withstand Ratings: 200-240V - 100,000 Amps; 480V - 100,000 Amps**

### MODEL ECV - VARIABLE SPEED CONTROLLER

Maximum Motor Horsepower	Motor Rated Voltage				
	200-208V	220-240V	380-415V	440-480V	550-600V
15					
20					
25					
30					
40	\$46,010	\$44,040	\$42,830	\$42,510	
50	\$51,320	\$48,930	\$49,260	\$45,840	
60	\$53,460	\$52,860	\$51,950	\$49,260	
75	\$63,700	\$58,790	\$57,350	\$52,360	
100	\$75,720	\$66,350	\$64,120	\$61,630	
125	\$97,590	\$77,080	\$73,240	\$67,050	
150	\$101,430	\$101,150	\$78,910	\$73,240	
200			\$85,170	\$79,240	
250			\$100,360	\$85,410	
300			\$113,480	\$107,280	
350			\$132,460	\$112,180	
400				\$123,360	

### MODEL ECVR - VARIABLE SPEED, REACTOR BYPASS, CONTROLLER

Maximum Motor Horsepower	Motor Rated Voltage				
	200-208V	220-240V	380-415V	440-480V	550-600V
15					
20					
25					
30					
40	\$49,410	\$47,440	\$46,020	\$45,700	
50	\$55,290	\$52,900	\$52,450	\$49,030	
60	\$57,600	\$57,000	\$55,350	\$52,660	
75	\$69,500	\$64,590	\$60,750	\$55,760	
100	\$82,590	\$73,220	\$68,820	\$67,480	
125	\$106,140	\$85,630	\$79,040	\$72,850	
150	\$109,980	\$109,700	\$86,980	\$79,040	
200			\$94,780	\$85,440	
250			\$109,970	\$95,020	
300			\$123,840	\$117,640	
350			\$142,780	\$122,500	
400				\$133,680	

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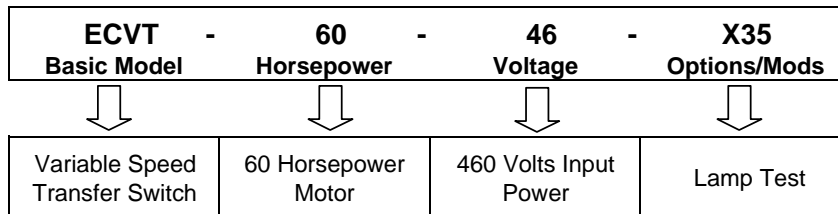
**MODEL ECVT - TRANSFER SWITCH VARIABLE SPEED CONTROLLER**

Maximum Motor Horsepower	Motor Rated Voltage				
	200-208V	220-240V	380-415V	440-480V	550-600V
15					
20					
25					
30					
40	\$58,990	\$57,020	\$55,490	\$55,170	
50	\$65,030	\$61,910	\$61,970	\$58,500	
60	\$67,170	\$66,570	\$64,930	\$61,970	
75	\$77,830	\$72,500	\$70,330	\$65,340	
100	\$90,990	\$81,620	\$77,830	\$74,610	
125	\$118,190	\$92,350	\$86,950	\$80,760	
150	\$122,030	\$121,750	\$93,040	\$86,950	
200			\$100,440	\$94,510	
250			\$120,960	\$100,680	
300			\$134,080	\$127,880	
350			\$153,060	\$132,780	
400				\$143,960	

**MODEL ECVRT - TRANSFER SW, REACTOR BYPASS, VARIABLE SPEED CONTROLLER**

Maximum Motor Horsepower	Motor Rated Voltage				
	200-208V	220-240V	380-415V	440-480V	550-600V
15					
20					
25					
30					
40	\$62,390	\$60,420	\$58,680	\$58,360	
50	\$69,000	\$65,880	\$65,160	\$61,690	
60	\$71,310	\$70,710	\$68,330	\$65,370	
75	\$83,630	\$78,300	\$73,730	\$68,740	
100	\$97,860	\$88,490	\$82,530	\$80,460	
125	\$126,740	\$100,900	\$92,750	\$86,560	
150	\$130,580	\$130,300	\$101,110	\$92,750	
200			\$110,050	\$100,710	
250			\$130,570	\$110,290	
300			\$144,440	\$138,240	
350			\$163,380	\$143,100	
400				\$154,280	

**Ordering Number Example:**



<b>When ordering a Master Fire Pump Controller, please specify the following to ensure prompt delivery:</b>		
Complete Model Number	Motor Horsepower	Motor Rated Voltage & Frequency
Optional Equipment	Withstand Rating	Special Modifications