

MASTER

EC Series - Enhanced Electric Fire Pump Controller

List Prices
Effective: January 2, 2025

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



*Standard units provide Enhanced G4 Innovation, 300 PSI brass wet parts, NEMA 12 enclosure
7 inch HMI, Data Recorder, Programmable Option Chassis, Ethernet Connection, Conformal Coating,
PhaseSmart, Auto test, Service Entrance Rating, 5 year warranty, and 5k lightning guarantee.*

Short Circuit Current Ratings: 200-480V - 100 KA

MODEL ECA - ACROSS-THE-LINE CONTROLLER

Maximum Motor Horsepower	Motor Rated Voltage				
	208V	220-240V	380-415V	440-480V	550-600V
3 - 15	\$8,360.00	\$8,360.00	\$8,360.00	\$8,360.00	\$8,360.00
20	\$8,360.00	\$8,360.00	\$8,360.00	\$8,360.00	\$8,360.00
25	\$8,360.00	\$8,360.00	\$8,360.00	\$8,360.00	\$8,360.00
30	\$8,360.00	\$8,360.00	\$8,360.00	\$8,360.00	\$8,360.00
40	\$9,400.00	\$9,400.00	\$8,360.00	\$8,360.00	\$8,360.00
50	\$9,400.00	\$9,400.00	\$8,360.00	\$8,360.00	\$8,360.00
60	\$10,460.00	\$10,460.00	\$9,400.00	\$9,400.00	\$9,400.00
75	\$10,460.00	\$10,460.00	\$9,400.00	\$9,400.00	\$9,400.00
100	\$12,200.00	\$12,200.00	\$10,460.00	\$9,400.00	\$9,400.00
125	\$15,120.00	\$15,120.00	\$10,460.00	\$10,460.00	\$10,460.00
150	\$15,120.00	\$15,120.00	\$10,460.00	\$10,460.00	\$10,460.00
200	Quote	\$15,120.00	\$15,120.00	\$12,200.00	\$10,460.00
250	Quote	Quote	\$15,120.00	\$15,120.00	\$15,120.00
300		Quote	\$15,120.00	\$15,120.00	\$15,120.00
350			Quote	\$17,980.00	\$17,980.00
400			Quote	\$17,980.00	\$17,980.00

Note: For horsepower greater than 400 hp, contact the factory for a quotation

MODEL ECP - PART WINDING CONTROLLER

Maximum Motor Horsepower	Motor Rated Voltage				
	208V	220-240V	380-415V	440-480V	550-600V
3 - 15	\$8,960.00	\$8,960.00	\$8,960.00	\$8,960.00	\$8,960.00
20	\$8,960.00	\$8,960.00	\$8,960.00	\$8,960.00	\$8,960.00
25	\$8,960.00	\$8,960.00	\$8,960.00	\$8,960.00	\$8,960.00
30	\$8,960.00	\$8,960.00	\$8,960.00	\$8,960.00	\$8,960.00
40	\$10,380.00	\$10,380.00	\$9,260.00	\$8,960.00	\$8,960.00
50	\$10,380.00	\$10,380.00	\$9,260.00	\$9,260.00	\$9,260.00
60	\$11,720.00	\$11,720.00	\$10,380.00	\$10,380.00	\$10,380.00
75	\$11,720.00	\$11,720.00	\$10,380.00	\$10,380.00	\$10,380.00
100	\$14,700.00	\$14,700.00	\$11,720.00	\$11,720.00	\$11,720.00
125	\$18,720.00	\$18,720.00	\$11,720.00	\$11,720.00	\$11,720.00
150	\$18,720.00	\$18,720.00	\$15,400.00	\$11,720.00	\$11,720.00
200	Quote	\$21,220.00	\$15,400.00	\$15,400.00	\$13,660.00
250	Quote	Quote	\$18,720.00	\$18,720.00	\$18,720.00
300		Quote	\$18,720.00	\$18,720.00	\$18,720.00
350			Quote	\$18,720.00	\$18,720.00
400			Quote	\$21,220.00	\$21,220.00

Note: For horsepower greater than 400 hp, contact the factory for a quotation

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**MODEL ECR - PRIMARY REACTOR CONTROLLER**

Maximum Motor Horsepower	Motor Rated Voltage				
	208V	220-240V	380-415V	440-480V	550-600V
7.5 - 15	\$12,340.00	\$12,340.00	\$12,340.00	\$12,340.00	\$12,340.00
20	\$12,340.00	\$12,340.00	\$12,340.00	\$12,340.00	\$12,340.00
25	\$13,440.00	\$13,440.00	\$12,340.00	\$12,340.00	\$12,340.00
30	\$13,440.00	\$13,440.00	\$12,340.00	\$12,340.00	\$12,340.00
40	\$14,540.00	\$14,540.00	\$12,340.00	\$12,340.00	\$12,340.00
50	\$14,690.00	\$14,690.00	\$14,540.00	\$12,340.00	\$12,340.00
60	\$15,440.00	\$15,440.00	\$14,540.00	\$14,540.00	\$14,540.00
75	\$16,740.00	\$16,740.00	\$14,540.00	\$14,540.00	\$14,540.00
100	\$19,840.00	\$19,840.00	\$14,860.00	\$14,860.00	\$14,860.00
125	\$25,540.00	\$25,540.00	\$16,540.00	\$16,540.00	\$16,540.00
150	\$25,840.00	\$25,540.00	\$16,540.00	\$16,540.00	\$16,540.00
200	Quote	\$26,040.00	\$26,040.00	\$17,140.00	\$17,140.00
250	Quote	Quote	\$26,040.00	\$26,040.00	\$26,040.00
300		Quote	\$26,300.00	\$26,300.00	\$26,300.00
350			Quote	\$30,740.00	\$30,740.00
400			Quote	\$30,740.00	\$30,740.00

Note: For horsepowers greater than 400 hp, contact the factory for a quotation

MODEL ECO - WYE-DELTA OPEN TRANSITION CONTROLLER

Maximum Motor Horsepower	Motor Rated Voltage				
	208V	220-240V	380-415V	440-480V	550-600V
3 - 15	\$9,220.00	\$9,220.00	\$9,220.00	\$9,220.00	\$9,220.00
20	\$9,220.00	\$9,220.00	\$9,220.00	\$9,220.00	\$9,220.00
25	\$9,220.00	\$9,220.00	\$9,220.00	\$9,220.00	\$9,220.00
30	\$9,220.00	\$9,220.00	\$9,220.00	\$9,220.00	\$9,220.00
40	\$10,770.00	\$10,770.00	\$9,460.00	\$9,220.00	\$9,220.00
50	\$11,240.00	\$11,240.00	\$9,460.00	\$9,460.00	\$9,460.00
60	\$12,580.00	\$12,580.00	\$10,770.00	\$10,770.00	\$10,770.00
75	\$12,580.00	\$12,580.00	\$10,770.00	\$10,770.00	\$10,770.00
100	\$15,440.00	\$15,440.00	\$12,280.00	\$12,280.00	\$12,280.00
125	\$19,740.00	\$19,740.00	\$13,360.00	\$13,360.00	\$13,360.00
150	\$19,740.00	\$19,740.00	\$15,740.00	\$13,360.00	\$13,360.00
200		\$22,240.00	\$16,340.00	\$16,340.00	\$16,340.00
250			\$19,740.00	\$19,740.00	\$19,740.00
300			\$22,840.00	\$20,340.00	\$20,340.00
350				\$22,840.00	\$22,840.00
400				\$22,840.00	\$22,840.00

Note: For horsepowers greater than 400 hp, contact the factory for a quotation

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**MODEL ECY - WYE-DELTA CLOSED TRANSITION CONTROLLER**

Maximum Motor Horsepower	Motor Rated Voltage				
	208V	220-240V	380-415V	440-480V	550-600V
3 - 15	\$11,320.00	\$11,320.00	\$11,620.00	\$11,620.00	\$11,620.00
20	\$11,320.00	\$11,320.00	\$11,620.00	\$11,620.00	\$11,620.00
25	\$11,320.00	\$11,320.00	\$11,620.00	\$11,620.00	\$11,620.00
30	\$11,720.00	\$11,720.00	\$11,620.00	\$11,620.00	\$11,620.00
40	\$13,270.00	\$13,270.00	\$11,860.00	\$11,620.00	\$11,620.00
50	\$13,740.00	\$13,740.00	\$11,860.00	\$11,860.00	\$11,860.00
60	\$15,080.00	\$15,080.00	\$13,170.00	\$13,170.00	\$13,170.00
75	\$16,780.00	\$16,780.00	\$13,170.00	\$13,170.00	\$13,170.00
100	\$19,640.00	\$19,640.00	\$15,680.00	\$15,680.00	\$15,680.00
125	\$23,940.00	\$23,940.00	\$16,760.00	\$16,760.00	\$16,760.00
150	\$23,940.00	\$23,940.00	\$19,140.00	\$16,760.00	\$16,760.00
200	Quote	\$26,440.00	\$19,740.00	\$19,740.00	\$19,740.00
250	Quote	Quote	\$24,340.00	\$24,340.00	\$24,340.00
300		Quote	\$26,840.00	\$24,940.00	\$24,940.00
350			Quote	\$27,440.00	\$27,440.00
400			Quote	\$27,440.00	\$27,440.00

Note: For horsepowers greater than 400 hp, contact the factory for a quotation

MODEL ECS - SOFT START CONTROLLER

Maximum Motor Horsepower	Motor Rated Voltage				
	208V	220-240V	380-415V	440-480V	550-600V
15	\$13,340.00	\$13,340.00	\$13,340.00	\$13,340.00	\$13,340.00
20	\$13,340.00	\$13,340.00	\$13,340.00	\$13,340.00	\$13,340.00
25	\$14,440.00	\$14,440.00	\$13,340.00	\$13,340.00	\$13,340.00
30	\$14,440.00	\$14,440.00	\$13,340.00	\$13,340.00	\$13,340.00
40	\$15,540.00	\$15,540.00	\$13,340.00	\$13,340.00	\$13,340.00
50	\$15,690.00	\$15,690.00	\$15,540.00	\$13,340.00	\$13,340.00
60	\$16,440.00	\$16,440.00	\$15,540.00	\$15,540.00	\$15,540.00
75	\$17,740.00	\$17,740.00	\$15,540.00	\$15,540.00	\$15,540.00
100	\$20,840.00	\$20,840.00	\$15,860.00	\$15,860.00	\$15,860.00
125	\$26,540.00	\$26,540.00	\$17,540.00	\$17,540.00	\$17,540.00
150	\$26,840.00	\$26,540.00	\$17,540.00	\$17,540.00	\$17,540.00
200	Quote	\$27,040.00	\$27,040.00	\$18,140.00	\$18,140.00
250	Quote	Quote	\$27,040.00	\$27,040.00	\$27,040.00
300		Quote	\$27,300.00	\$27,300.00	\$27,300.00
350			Quote	\$31,740.00	\$31,740.00
400			Quote	\$31,740.00	\$31,740.00

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**MODEL ECT - AUTOTRANSFORMER CONTROLLER**

Maximum Motor Horsepower	Motor Rated Voltage				
	208V	220-240V	380-415V	440-480V	550-600V
3 - 15	\$13,780.00	\$13,780.00	\$13,780.00	\$13,780.00	\$13,780.00
20	\$13,780.00	\$13,780.00	\$13,780.00	\$13,780.00	\$13,780.00
25	\$13,780.00	\$13,780.00	\$13,780.00	\$13,780.00	\$13,780.00
30	\$13,780.00	\$13,780.00	\$13,780.00	\$13,780.00	\$13,780.00
40	\$15,860.00	\$15,860.00	\$13,780.00	\$13,780.00	\$13,780.00
50	\$15,860.00	\$15,860.00	\$13,780.00	\$13,780.00	\$13,780.00
60	\$17,980.00	\$17,980.00	\$15,860.00	\$15,860.00	\$15,860.00
75	\$17,980.00	\$17,980.00	\$15,860.00	\$15,860.00	\$15,860.00
100	\$21,460.00	\$21,460.00	\$17,980.00	\$15,860.00	\$15,860.00
125	\$27,300.00	\$27,300.00	\$17,980.00	\$17,980.00	\$17,980.00
150	\$27,300.00	\$27,300.00	\$17,980.00	\$17,980.00	\$17,980.00
200	Quote	\$27,300.00	\$27,300.00	\$17,980.00	\$17,980.00
250	Quote	Quote	\$27,300.00	\$27,300.00	\$27,300.00
300		Quote	\$27,300.00	\$27,300.00	\$27,300.00
350			Quote	\$33,020.00	\$33,020.00
400			Quote	\$33,020.00	\$33,020.00

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Ordering Number Example:

ECR	-	60	-	46	-	XG4
Basic Model		Horsepower		Voltage		Options/Mods
↓		↓		↓		↓
Reactor Start		60 Horsepower Motor		460 Volts Input Power		G4 Innovation

When ordering a Master Fire Pump Controller, please specify the following to ensure prompt delivery:

Complete Model Number	Motor Horsepower	Motor Rated Voltage & Frequency
Optional Equipment	Withstand Rating	Special Modifications