MASTER

MC Series - Variable Speed Electric Fire Pump Controllers

List Prices Effective: January 2, 2023 Customer Service (847) 295-1010 sales@mastercontrols.com





Standard units provide G4 Innovation, 300 PSI brass wet parts, NEMA 12 enclosure, 7.0 inch HMI, Data Recorder, PhaseSmart, Auto test, Service Entrance rating, and 1 year warranty.

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

MODEL MCVA - ATL BYPASS, VARIABLE SPEED CONTROLLER

| Maximum Motor | Motor Rated Voltage | | | | |
|---------------|---------------------|--------------|--------------|--------------|----------|
| Horsepower | 208V | 220-240V | 380-415V | 440-480V | 550-600V |
| 15 | | | | | |
| 20 | | | | | |
| 25 | | | | | |
| 30 | | | | | |
| 40 | \$46,453.00 | \$44,495.00 | \$43,307.00 | \$42,988.00 | |
| 50 | \$51,700.00 | \$49,335.00 | \$49,665.00 | \$46,277.00 | |
| 60 | \$53,823.00 | \$53,229.00 | \$52,327.00 | \$49,665.00 | |
| 75 | \$64,647.00 | \$59,092.00 | \$57,673.00 | \$52,734.00 | |
| 100 | \$78,298.00 | \$66,572.00 | \$64,361.00 | \$61,897.00 | |
| 125 | \$100,903.00 | \$77,187.00 | \$73,392.00 | \$67,265.00 | |
| 150 | \$104,874.00 | \$101,002.00 | \$79,002.00 | \$73,392.00 | |
| 200 | | | \$85,195.00 | \$79,321.00 | |
| 250 | | | \$100,221.00 | \$85,426.00 | |
| 300 | | | \$113,245.00 | \$107,063.00 | |
| 350 | | | Quote | \$111,914.00 | |
| 400 | | | | \$123,167.00 | • |

MODEL MCVR - REACTOR BYPASS, VARIABLE SPEED CONTROLLER

| Maximum Motor | Motor Rated Voltage | | | | |
|---------------|---------------------|--------------|--------------|--------------|----------|
| Horsepower | 208V | 220-240V | 380-415V | 440-480V | 550-600V |
| 15 | | | | | |
| 20 | | | | | |
| 25 | | | | | |
| 30 | | | | | |
| 40 | \$49,280.00 | \$47,322.00 | \$45,914.00 | \$45,353.00 | |
| 50 | \$54,989.00 | \$52,624.00 | \$52,272.00 | \$48,884.00 | |
| 60 | \$57,255.00 | \$56,661.00 | \$55,055.00 | \$52,404.00 | |
| 75 | \$69,729.00 | \$64,174.00 | \$60,401.00 | \$55,473.00 | |
| 100 | \$84,524.00 | \$72,798.00 | \$68,365.00 | \$67,067.00 | |
| 125 | \$108,911.00 | \$85,195.00 | \$78,452.00 | \$72,325.00 | |
| 150 | \$113,146.00 | \$109,274.00 | \$87,208.00 | \$78,452.00 | |
| 200 | | | \$89,958.00 | \$85,371.00 | |
| 250 | | | \$109,967.00 | \$95,172.00 | |
| 300 | | | \$126,159.00 | \$117,579.00 | |
| 350 | | | Quote | \$122,386.00 | |
| 400 | | _ | | \$133,639.00 | |

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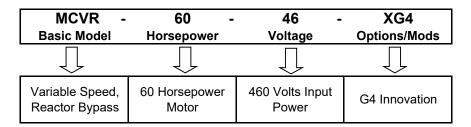




MODEL MCVS - SOFT START BYPASS, VARIABLE SPEED CONTROLLER

| Maximum Motor Horsepower | Motor Rated Voltage | | | | |
|-----------------------------|---------------------|--------------|--------------|--------------|----------|
| | 208V | 220-240V | 380-415V | 440-480V | 550-600V |
| 15 | | | | | |
| 20 | | | | | |
| 25 | | | | | |
| 30 | | | | | |
| 40 | \$49,808.00 | \$47,861.00 | \$46,464.00 | \$46,156.00 | |
| 50 | \$55,627.00 | \$53,262.00 | \$52,822.00 | \$49,434.00 | |
| 60 | \$57,915.00 | \$57,321.00 | \$55,539.00 | \$53,031.00 | |
| 75 | \$69,685.00 | \$64,834.00 | \$61,028.00 | \$56,100.00 | |
| 100 | \$84,447.00 | \$73,370.00 | \$69,014.00 | \$67,694.00 | |
| 125 | \$109,428.00 | \$85,646.00 | \$79,123.00 | \$73,007.00 | |
| 150 | \$113,267.00 | \$109,461.00 | \$86,988.00 | \$79,123.00 | |
| 200 | | | \$94,699.00 | \$85,459.00 | |
| 250 | | | \$109,725.00 | \$94,941.00 | |
| 300 | | | \$123,453.00 | \$117,315.00 | |
| 350 | | | \$142,182.70 | \$122,122.00 | |
| 400 | | | | \$133,188.00 | |
| | | | | | |
| | | | | | |

Ordering Number Example:



| 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 | | | |

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Standard units provide G4 Innovation, 300 PSI brass wet parts, NEMA 12 enclosure, 7 inch HMI, Data Recorder, PhaseSmart, Auto test, Service Entrance rating, and 1 year warranty.

Normal and Emergency Short Circuit Ratings: 200-480V - 100KA, Suitable for Dual Utility

MODEL MCVAT - ATL BYPASS, VARIABLE SPEED T-SWITCH CONTROLLER

| Maximum Motor | Motor Rated Voltage | | | | |
|---------------|---------------------|--------------|--------------|--------------|----------|
| Horsepower | 208V | 220-240V | 380-415V | 440-480V | 550-600V |
| 15 | | | | | |
| 20 | | | | | |
| 25 | | | | | |
| 30 | | | | | |
| 40 | \$64,042.00 | \$62,084.00 | \$60,654.00 | \$60,335.00 | |
| 50 | \$70,037.00 | \$66,924.00 | \$67,012.00 | \$63,624.00 | |
| 60 | \$72,160.00 | \$71,566.00 | \$69,916.00 | \$67,012.00 | |
| 75 | \$83,402.00 | \$77,429.00 | \$75,262.00 | \$70,323.00 | |
| 100 | \$98,208.00 | \$86,482.00 | \$82,698.00 | \$79,486.00 | |
| 125 | \$120,813.00 | \$97,097.00 | \$91,729.00 | \$85,602.00 | |
| 150 | \$132,143.00 | \$128,271.00 | \$97,757.00 | \$91,729.00 | |
| 200 | | | \$105,105.00 | \$99,231.00 | |
| 250* | | | \$127,490.00 | \$105,336.00 | |
| 300 | | | \$140,514.00 | \$134,332.00 | |
| 350 | | | Quote | \$139,183.00 | |
| 400 | | | | \$150,436.00 | |

^{*} The Price at 415 Volts is:

MODEL MCVRT - REACTOR BYPASS, VARIABLE SPEED T-SWITCH CONTROLLER

| Maximum Motor | Motor Rated Voltage | | | | |
|---------------|---------------------|--------------|--------------|--------------|----------|
| Horsepower | 208V | 220-240V | 380-415V | 440-480V | 550-600V |
| 15 | | | | | |
| 20 | | | | | |
| 25 | | | | | |
| 30 | | | | | |
| 40 | \$66,869.00 | \$64,911.00 | \$63,261.00 | \$62,700.00 | |
| 50 | \$73,326.00 | \$70,213.00 | \$69,619.00 | \$66,231.00 | |
| 60 | \$75,592.00 | \$74,998.00 | \$72,644.00 | \$69,751.00 | |
| 75 | \$88,484.00 | \$82,511.00 | \$77,990.00 | \$73,062.00 | |
| 100 | \$104,434.00 | \$92,708.00 | \$86,702.00 | \$84,656.00 | |
| 125 | \$128,821.00 | \$105,105.00 | \$96,789.00 | \$90,662.00 | |
| 150 | \$140,415.00 | \$136,543.00 | \$105,963.00 | \$96,789.00 | |
| 200 | | | \$109,868.00 | \$105,281.00 | |
| 250* | • | | \$137,236.00 | \$115,082.00 | |
| 300 | | | \$153,428.00 | \$144,848.00 | |
| 350 | | | Quote | \$149,655.00 | |
| 400 | | | | \$160,908.00 | |

^{*} The Price at 415 Volts is:

^{\$120,131.00}

^{\$129,877.00}

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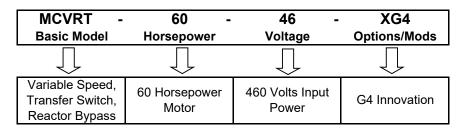
MODEL MCVST - SOFT START BYPASS, VARIABLE SPEED T-SWITCH CONTROLLER

| Maximum Motor | Motor Rated Voltage | | | | |
|---------------|---------------------|--------------|--------------|--------------|----------|
| Horsepower | 208V | 220-240V | 380-415V | 440-480V | 550-600V |
| 15 | | | | | |
| 20 | | | | | |
| 25 | | | | | |
| 30 | | | | | |
| 40 | \$67,397.00 | \$65,450.00 | \$63,811.00 | \$63,503.00 | |
| 50 | \$73,964.00 | \$70,851.00 | \$70,169.00 | \$66,781.00 | |
| 60 | \$76,252.00 | \$75,658.00 | \$73,128.00 | \$70,378.00 | |
| 75 | \$88,440.00 | \$83,171.00 | \$78,617.00 | \$73,689.00 | |
| 100 | \$104,357.00 | \$93,280.00 | \$87,351.00 | \$85,283.00 | |
| 125 | \$129,338.00 | \$105,556.00 | \$97,460.00 | \$91,344.00 | |
| 150 | \$140,536.00 | \$136,730.00 | \$105,743.00 | \$97,460.00 | |
| 200 | | | \$114,609.00 | \$105,369.00 | |
| 250* | | | \$136,994.00 | \$114,851.00 | |
| 300 | | | \$150,722.00 | \$144,584.00 | |
| 350 | | | Quote | \$149,391.00 | |
| 400 | | | | \$160,457.00 | |

^{*} The Price at 415 Volts is:

\$129,635.00

Ordering Number Example:



| 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 | | | |