

MASTER

Model PMCVE - Variable Speed Pressure Maintenance Controllers

List Prices
Effective: January 2, 2025

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



The basic model PMCVE consists of a two line 16 character LCD display, menu navigation buttons, manual motor protector with rotary operator, Variable Frequency Drive, VFD HMI, 300 PSI pressure transducer, 1/4 inch FNPT fitting, Auto-Off-Man selector switch, NEMA 2 enclosure. Standard features include: minimum run timer, restart timer, run time meter, delayed start setting, excessive start and overpressure indication, PSI/Bar readout setting.

MODEL PMCVE - VARIABLE SPEED PRESSURE MAINTENANCE CONTROLLER

Maximum Motor Horsepower	Motor Rated Voltage Three Phase			
	208V	220-240V	380-415V (50 Hz)	460-480
1/2	\$2,970.00	\$2,905.00	\$3,362.00	\$3,362.00
3/4	\$2,970.00	\$2,970.00	\$3,466.00	\$3,362.00
1	\$3,061.00	\$2,970.00	\$3,466.00	\$3,362.00
1.5	\$3,402.00	\$3,061.00	\$3,466.00	\$3,466.00
2	\$3,402.00	\$3,402.00	\$3,572.00	\$3,572.00
3	\$3,466.00	\$3,402.00	\$3,650.00	\$3,572.00
5	\$3,768.00	\$3,768.00	\$3,977.00	\$3,977.00
7 1/2	\$4,525.00	\$3,768.00	\$4,670.00	\$3,977.00
10	\$5,134.00	\$4,585.00	\$4,670.00	\$4,670.00

ENCLOSURE

Symbol	Description	List Prices
E3R	NEMA 3R raintight, weatherproof enclosure	\$460.00
E12	NEMA 12 dusttight, driptight enclosure	\$460.00
E4	NEMA 4 watertight enclosure with window	Quote
E4XB	NEMA 4X corrosion resistant (304SS), watertight enclosure with window	Quote
E4XC	NEMA 4X corrosion resistant (316SS), watertight enclosure with window	Quote

ALARM LIGHTS & CONTACTS

Symbol	Description	List Prices
AUD	Audible alarm with silence switch	\$190.00
A1	Pump Running contact (One N.O. and one N.C.)	\$140.00
A2	Pump Running contacts (Two N.O. and two N.C.)	\$280.00
A3	Power Failure contact (One N.O. and one N.C.)	\$420.00
A4	Power Failure contacts (Two N.O. and two N.C.)	\$560.00
DMD	Demand Relay contacts (one N.O.)	\$140.00
ESR	Excessive Start contacts (one N.O and one N.C.)	\$140.00
F1	Failure to Start contacts	\$140.00
L1	Pump Running pilot light	\$180.00
L2	Power Available pilot light	\$180.00
L5	Failure to Start pilot light	\$220.00
MP	MMP closed contact (one N.C.)	\$140.00
OVP	Overpressure contacts (one N.O. and one N.C.)	\$140.00
SOA	Switch OFF contacts (one N.O.)	\$140.00
TR	Trouble contacts (one N.O and one N.C.)	\$140.00
TRA	Trouble contacts (one N.O and one N.C.) with alarm light	\$310.00

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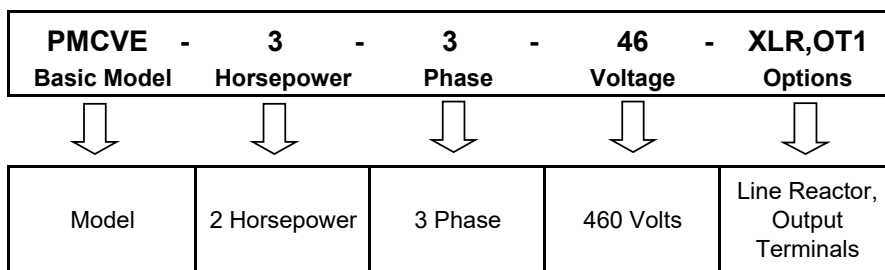
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MISCELLANEOUS

Symbol	Description	List Prices
C1	Circuit breaker in place of Manual Motor Protector (AIC: 18,000A @ 200-240V; 14,000A @ 440-600V)	\$1,480.00
FF	Fan and filter (recommended on 7 1/2 HP and higher)	\$1,850.00
H1	Space heater and CPT	\$580.00
H2	Space heater with thermostat and CPT	\$740.00
H3	Space heater with humidistat and CPT	\$1,290.00
LR	5% Line Reactor	\$750.00
OT1	Output terminal bar	\$90.00
PM	Phase Failure Monitor	\$750.00
RS	Remote Start Input	\$100.00
S1	Service entrance rating	\$430.00
W1	316 SS wetted parts	Quote
W7	High-pressure transducer (600 PSI)	\$160.00

Ordering Number Example:



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