



# Aqonroller

MMW07, MMW12, MMA07 AND MMA12

## 230 Vac Drive for Single Phase Motors.

The AQUONTROLLER is specially designed for maintaining constant pressure independent of flow for maximum comfort. Energy savings are the result of the precise speed control. Top quality components guarantee high

reliability and a trouble-free life. The inverter has inbuilt protection against various system and electrical faults. Smooth operation and soft starting ensure silent running and an extended pump life. With pipe or wall mounted versions, the quick set up means easy installation.

### Technical Data.

AQUONTROLLER	MMW07	MMW12	MMA07	MMA12
Part Number	109899360	109899370	109899380	109899390
Brief Description	Inverter 230V 1phase/1phase water-cooled pipe mounted up to 7A Inom	Inverter 230V 1phase/1phase water-cooled pipe mounted up to 12A Inom	Inverter 230V 1phase/1phase air-cooled wall mounted up to 7A Inom	Inverter 230V 1phase/1phase air-cooled wall mounted up to 12A Inom
Power Supply	230 VAC (170 ÷ 270 VAC)			
Frequency	50/60 Hz			
Max. Input Current	10A	19A	10A	19A
Output, Motor Supply	1~ 230 VAC			
Output Frequency	10 ÷ 50/60 Hz (resolution 0.01 Hz)			
Nominal Motor Current	7A	12A	7A	12A
Setpoint Pressure Range	1.0 ÷ 7.5 bar ± 0.2 bar			
Start/Stop Ramp	0.7 ÷ 5sec			
Max. Overpressure	12 bar		-	
Operating Temperature	Ta: 0 ÷ +40°C			
Display	LCD 2 lines x 16 characters			
Pressure Sensor	integrated		included, 5m cable	
Flow Detection	integrated		terminal for level switch	
No Return Valve	integrated		-	
Recommended Pressure Tank	8 litres		20 litres	
Installation	pipe mounted		wall mounted	
Position	any position		vertical position	
Piping Inlet/Outlet	1¼" female		-	
Weight	3.6 kg		4.7 kg	
Dimensions (HxWxD)	375x185x165 mm		365x247x165 mm	
Protection Rating	IP65		IP20	

### Integrated Protections.

**Electrical Protection:** Max. current absorbed, under and overvoltage, short circuit between phase/ground or phase/phase, over temperature

**Hydraulic Protection:** Dry run, low system pressure, pressure sensor fault, warning: water losses and water hammer

### Optional Accessories.

**IMPEDANCE COIL**  
109891550  
Where motor cables are over 5m (flat cables over 20m) and up to max. 100m length, Impedance: 2x 1mH

**EMC LINE FILTER**  
109690280  
For use in harsh environments particularly sensitive to electromagnetic interference. 250 V AC/DC, 2 x 50 A



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