

## MA Series Universal Replacement Motors

The Mega Controls MA Series universal replacement motors are suitable as replacements for Mega Controls and other motor-driven spring-return zone valves and damper actuators.

The MA Series universal replacement motors are designed for use in cooling and heating hydronic systems, but not in steam applications.



**Replacement Motor**

### Specifications

Power Consumption	5 watts, 7 VA	
Fluid / Ambient Temperature Limits	94 °C / 40 °C (200 °F / 104 °F)	
Motor Winding Insulation	Class A , 105 °C ( 221 °F)	
Motor Lead Wire Insulation	Rated for 125 °C ( 257 °F)	
Gear Output Drive Speed	3.3 RPM at 50 Hz or 4 RPM at 60 Hz	
Product	<u>Model Number</u>	<u>Voltage/Current</u>
	MA-24 (30-144-A-NL)	24 V 50/60 Hz, 290 mA
	MA-120 (30-144-B-NL)	120 V 50/60 Hz, 63 mA
	MA-230 (30-144-U-NL)	230 V 50/60 Hz, 30 mA
Suitable as a Replacement for	<u>Brand</u>	<u>Models</u>
	Hansen Corporation Erie Controls  Barber-Coleman Honeywell Johnson Controls Siemens	Synchron Motors 38968L, 38969L, 38970L, etc. Classic and PopTop GCO Series Zone Valves "G" and "L" Type Damper Actuators VA1234, VA1403, VA3203, VA3403 V4043, V4044, V8043, V8044 JS and JT Series, VA7000 Series MTE, MVE, MXE
Agency Approval	UL Recognized File #E317976, CE Mark Compliant to LVD and EMC Directives	
Shipping Weight	200 g (0.44 lb.)	

*The performance specifications above are nominal and subject to tolerances and application variables of generally acceptable industry standards.  
The Manufacturer shall not be liable for damages resulting from misapplication or misuse of its products.*

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