

Exchange Model 362 Shot Flow Controller  
with  
Model AC Current Controller

**Electronics Incorporated**

362 Controller	Customer Cable Color or Wire Number	AC Controller
17 Power Neutral		1 Power Neutral
18 Power Hot		2 Power Hot
12 Enable 120 Vac		3 Enable 120 Vac
13 Alarm Reset 120 Vac		14 Alarm Reset 120 Vac
15 MagnaValve (+)		7 MagnaValve (+)
16 MagnaValve (-)		8 MagnaValve (-)
(not applicable)		16 Feedback Common
(not applicable)		18 Feedback Input (shunt)
1 Flow Sensor Input		(not applicable)
2 Common		(not applicable)
3 Remote Setpoint Input		10 Remote Setpoint Input
4 Recorder Output		20 Recorder Output
9 Alarm contact common		12 Alarm contact common
10 Alarm contact "Hi"		11 Alarm contact "Hi"
11 Alarm contact "low"		13 Alarm contact "low"
14 Power transformer		(not applicable)
22 Power transformer		(not applicable)

Note: 362 Controller was used with model 250 series MagnaValve® which had a flow sensor with frequency output signal for pounds per minute controller display. The AC controller uses motor amps as a feedback signal, using the signal from the 100:5 (or 50:5 current transformer).

If the Model 250 MagnaValve is still to be used, the sensor is no longer used in this new application. If Model VLP MagnaValve is installed then connect its No. 1 terminal to AC Controller terminal No. 7 and valve terminal No. 2 to control No. 8.

The AC controller display will now show true motor amps and will match the panel ammeter. Be sure to set the AC controller full scale display to match the current transformer rating i.e. 0-100 amp display for 100: 5 current transformer (this is the standard factory setting), or 0-50 amp display for 50:5 current transformer.

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