



AZC 40P and 60P Wiring and Control Centers Installation Guide

Determine the proper Automag Zone Valve to use, based on the pipe size, pump head rating, and system flow (GPM), according to the table below.

Valve #	Pipe Size	Pump Head	Max. flow (GPM)	Coil #	VA
AA 3/4-14	3/4"	14'	4 1/2	#31	6
AA 3/4-25	3/4"	25'	6	#29	8
AA 1-16	1"	16'	8	#29	8
AB 3/4-8	3/4"	8'	4 1/2	#32	4

The AZC 40P/60P Control and Wiring centers are designed for use with any 2-wire thermostats.

The AZC is designed with filtered, slow-closing circuitry, to eliminate any valve humming and water hammering due to rapid closure.

The AZC 40P and 60P is available in either 4-zone or 6-zone control arrangements. They are both supplied with Zone #1 being a priority zone. When Zone #1's priority switch is OFF, it acts as a normal heating zone. With the priority switch ON, Zone#1 controls the systems Indirect Water Heater with priority over the rest of the system heating zones. Once the Indirect Water Heater aquastat is satisfied, the system returns to a normal heating zone control.

When using a 40P and 60P Control and Wiring Center, install the Automag AA or AB on the RETURN or the SUPPLY.

- ⚠ Use only one valve per zone, on the Control and Wiring Center
- ⚠ The direction of flow for the system must be the same as the directional arrow cast into the valve body.
- ⚠ Do **NOT** exceed circulator head rating of the valve. Using a slightly larger pipe size is recommended when a larger oversized circulator is installed.