Navien SmartZone+ zone pump controllers are used as switching relays that allow for total customization of zoned heating systems.

- Compatible with boilers (using T.T contacts) and pumps of all manufacturers that are installed in multi-zone space heating applications.
- Recommended for zoned heating applications with Navien boilers for optimum control and performance.
- Multiple controllers can be used to expand the number of zones (maximum of 24 total zones*).

* requires (4) FMZ-60 units and the use of RS-485 (UTP 24 AWG) field-supplied communication wiring.

- Additional features include DHW Priority, Manual Pump Control, Purge Time settings, Automatic Air Purge, Freeze Protection with Indoor Temperature Sensor, and Advanced User Modes for system customization.

The Zone Pump Controller includes the following items:
- Microprocessor-Controlled Switching Relay (for 2-6 zones per unit)
- Indoor Temperature Sensor (NTC thermistor with range up to 122°F/50°C)
- Grommet Kit (for wiring)
- Screw Kit

Dimensions: 8.2” (20.8 cm) x 7.6” (19.3 cm) x 2.7” (6.9 cm) for FMZ-20/30
11.0” (27.9 cm) x 7.6” (19.3 cm) x 2.7” (6.9 cm) for FMZ-40/60

Electrical Specifications:

<table>
<thead>
<tr>
<th>Models</th>
<th>Part Numbers</th>
<th>Number of Zones</th>
<th>Combined Load</th>
<th>Pump Load</th>
<th>Pump Relay</th>
<th>Operating Voltage and Frequency</th>
<th>Thermostat Input</th>
</tr>
</thead>
<tbody>
<tr>
<td>FMZ-20</td>
<td>PFMZ-02P-001</td>
<td>2</td>
<td>10A</td>
<td>1/3 hp MAX per pump</td>
<td>Resistance load: 16A/240VAC, 20A/120VAC</td>
<td>Rated voltage/frequency: 120V, 60 Hz</td>
<td>Single Pole Single Throw (SPST), No power supplied to thermostat, DC 12V feedback signal only</td>
</tr>
<tr>
<td>FMZ-30</td>
<td>PFMZ-03P-001</td>
<td>3</td>
<td>10A</td>
<td></td>
<td>Motor load: 1/2hp (120VAC)</td>
<td>Voltage/frequency range: -15% to +15% of rated voltage/frequency</td>
<td></td>
</tr>
<tr>
<td>FMZ-40</td>
<td>PFMZ-04P-001</td>
<td>4</td>
<td>20A</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FMZ-60</td>
<td>PFMZ-06P-001</td>
<td>6</td>
<td>20A</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Weight: 2.0 lbs (0.9 kg) for FMZ-20/30 and 5.0 lbs (2.2 kg) for FMZ-40/60
- Operating Temperature Range: 32 - 122°F (0 - 50°C) - Indoor Use Only

Navien Model & Part Number(s): FMZ-20 (#PFMZ-02P-001), FMZ-30 (#PFMZ-03P-001), FMZ-40 (#PFMZ-04P-001), FMZ-60 (#PFMZ-06P-001)

Wiring Diagram

Installation Example