

## AQ25582B Expansion Zoning Panel for 8 Pumps

System commissioning date: \_\_\_\_\_

Customer: \_\_\_\_\_

Building address: \_\_\_\_\_

### INSTALLATION JOB RECORD

#### INSTRUCTIONS:

Fill in the details of the equipment connected to the zoning module:

- A** Low voltage thermostats (for each of the 2 modules)
- B** Line voltage pumps (for each of the 2 modules)
- C** Review and set DIP switch settings - once the DIP switches have been set, complete the "Installer settings" diagram by filling in the circles to indicate the DIP switch position (for each of the 2 modules)

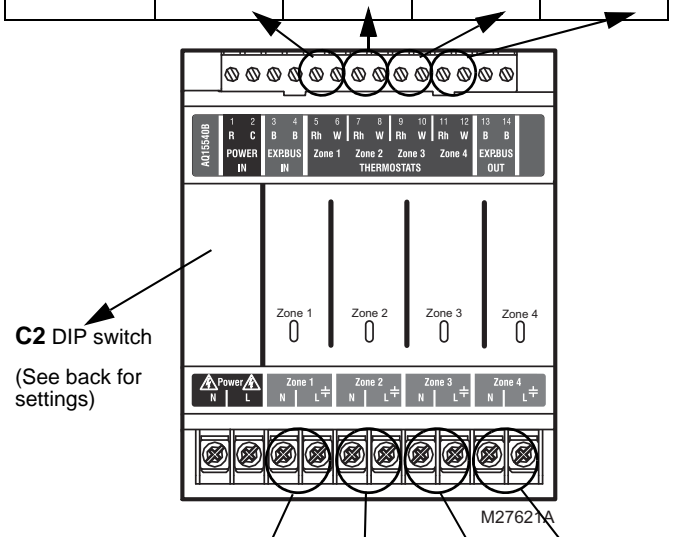
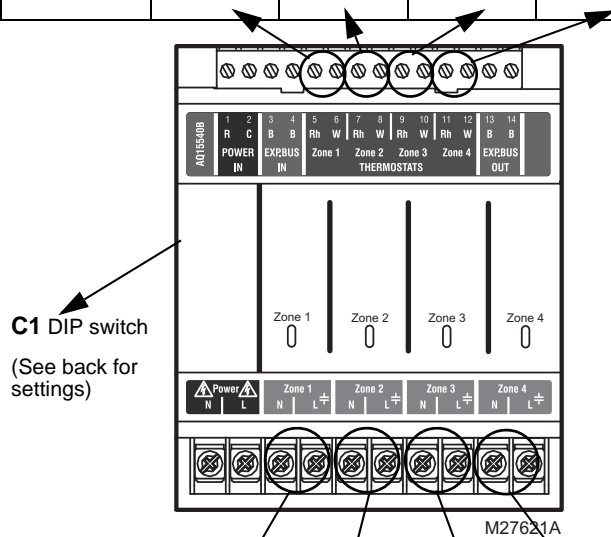
File this with other installation records for equipment used on this installation.

#### A1 Zoning Thermostats

Terminal #	5-6	7-8	9-10	11-12
Terminal ID	TH1	TH2	TH3	TH4
Function	Zone call for heat			
Equipment				
Manufacturer				
Model #				
Date Code				
Notes				

#### A2 Zoning Thermostats

Terminal #	5-6	7-8	9-10	11-12
Terminal ID	TH1	TH2	TH3	TH4
Function	Zone call for heat			
Equipment				
Manufacturer				
Model #				
Date Code				
Notes				



#### B1 Zoning Pumps

Terminal ID	Zone 1	Zone 2	Zone 3	Zone 4
System Zone #				
Function	Zone control			
Equipment	Pump	Pump	Pump	Pump
Manufacturer				
Model #				
Date Code				
Power draw Amps				
Notes				

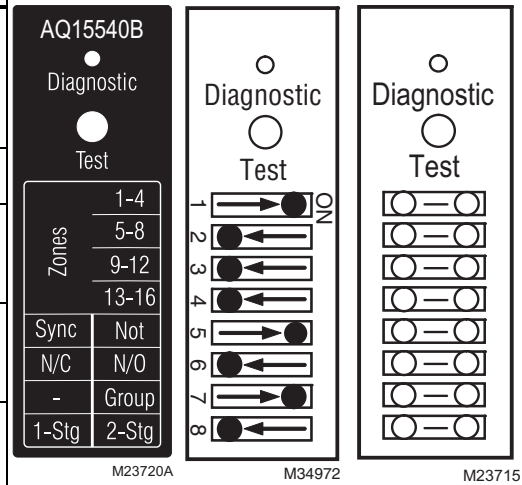
#### B2 Zoning Pumps

Terminal ID	Zone 1	Zone 2	Zone 3	Zone 4
System Zone #				
Function	Zone control			
Equipment	Pump	Pump	Pump	Pump
Manufacturer				
Model #				
Date Code				
Power draw Amps				
Notes				



### C1 Zoning Module DIP Switch Settings

DIP Number	Description
1	<b>Zone Address</b> (Slide the DIP switch to the right position to indicate which group of zones this is; should be set to "1-4" for the first 4 space heating zones in the system [usually included with an AQ250 or AQ251 control panel], then "5-8" for the next group of 4 zones and so on. For each group of 4 zones, there can be only <u>one</u> DIP switch in the right hand position.)
2	
3	
4	
5	<ul style="list-style-type: none"> <li>If set to SYNC, zone synchronization is enabled.</li> <li>If set to NOT, zone synchronization is disabled.</li> </ul>
6	<ul style="list-style-type: none"> <li>If zone valves are normally closed (N.C.), set the NC/NO DIP switch to the OFF position.</li> <li>If zone valves are normally open (N.O.), set the NC/NO DIP switch to the ON position.</li> </ul>
7	<ul style="list-style-type: none"> <li>If set to Group (ON position) the zone outputs are energized with the AUX pump*.</li> <li>If set to - (OFF position), the AUX Pump contacts are not affected by activity on these zones.</li> </ul>
8	<ul style="list-style-type: none"> <li>If set to 2-Stg (ON position), then 2-stage operation is activated on thermostat inputs. The zoning module operates as two 2-stage zones or 3 zones (one 2-stage and two 1-stage).</li> <li>If set to 1-Stg (OFF position), then operates as four 1-stage zones.</li> </ul>

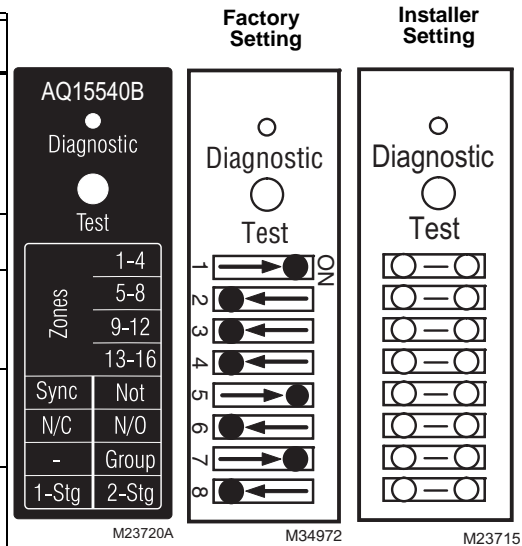


\* If used with AQ250 RelayPlus Control Panel, the AQ15000B Boiler Control Module DIP switch #5 must be set to "GROUP" position and DIP switch #6 must be set to "MAIN" position  
 If used with AQ251 Boiler Reset Control Panel, the EQUIPMENT SETUP > AUXILIARY I/O > AUX PUMP menu option on the AQ251 must be set to "GROUP"

Fill in the circle to indicate position of DIP switch.

### C2 Zoning Module DIP Switch Settings

DIP Number	Description
1	<b>Zone Address</b> (Slide the DIP switch to the right position to indicate which group of zones this is; should be set to "1-4" for the first 4 space heating zones in the system [usually included with an AQ250 or AQ251 control panel], then "5-8" for the next group of 4 zones and so on. For each group of 4 zones, there can be only <u>one</u> DIP switch in the right hand position.)
2	
3	
4	
5	<ul style="list-style-type: none"> <li>If set to SYNC, zone synchronization is enabled.</li> <li>If set to NOT, zone synchronization is disabled.</li> </ul>
6	<ul style="list-style-type: none"> <li>If zone valves are normally closed (N.C.), set the NC/NO DIP switch to the OFF position.</li> <li>If zone valves are normally open (N.O.), set the NC/NO DIP switch to the ON position.</li> </ul>
7	<ul style="list-style-type: none"> <li>If set to Group (ON position) the zone outputs are energized with the AUX pump*.</li> <li>If set to - (OFF position), the AUX Pump contacts are not affected by activity on these zones.</li> </ul>
8	<ul style="list-style-type: none"> <li>If set to 2-Stg (ON position), then 2-stage operation is activated on thermostat inputs. The zoning module operates as two 2-stage zones or 3 zones (one 2-stage and two 1-stage).</li> <li>If set to 1-Stg (OFF position), then operates as four 1-stage zones.</li> </ul>



\* If used with AQ250 RelayPlus Control Panel, the AQ15000B Boiler Control Module DIP switch #5 must be set to "GROUP" position and DIP switch #6 must be set to "MAIN" position  
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Fill in the circle to indicate position of DIP switch.

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