

Watts Radiant

Radiant Floors & Snowmelting

Ph: 417/864.6108

Fax: 417/864.8161

Piping Diagram

General Information

Design Date	
H.C. No.	
Project No.	

Details

Application	
Mixing Type	

Zone Information

Zone	GPM	Head	Temp
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

Control Information

Heat Source	BOILER		
Supply Temp	180	Delta T	20
Standard Thermostats	Yes	No	X

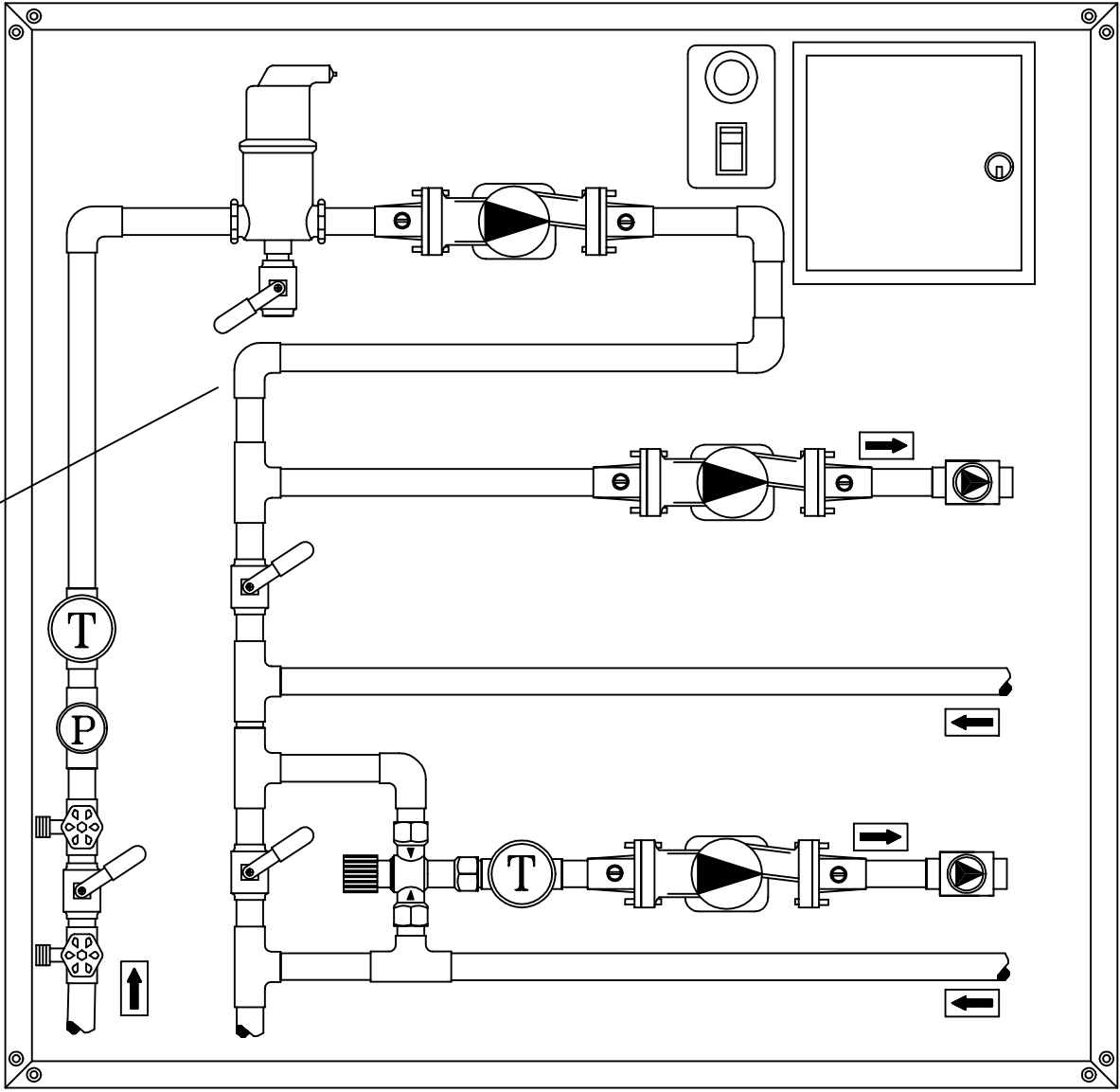
Special Items	Qty.	Manf.	Device

Legend

Disclaimer: The Fine Print

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**** Panel Size May Change ****



Exp. Tank

Fusetron Relay Box

Air Remover

Sensor

Pump

Isolation Flange

Flow Switch

PRV

Boiler Drain

Mix Valve

Backflow Preventor

Ball Valve

Press Gauge

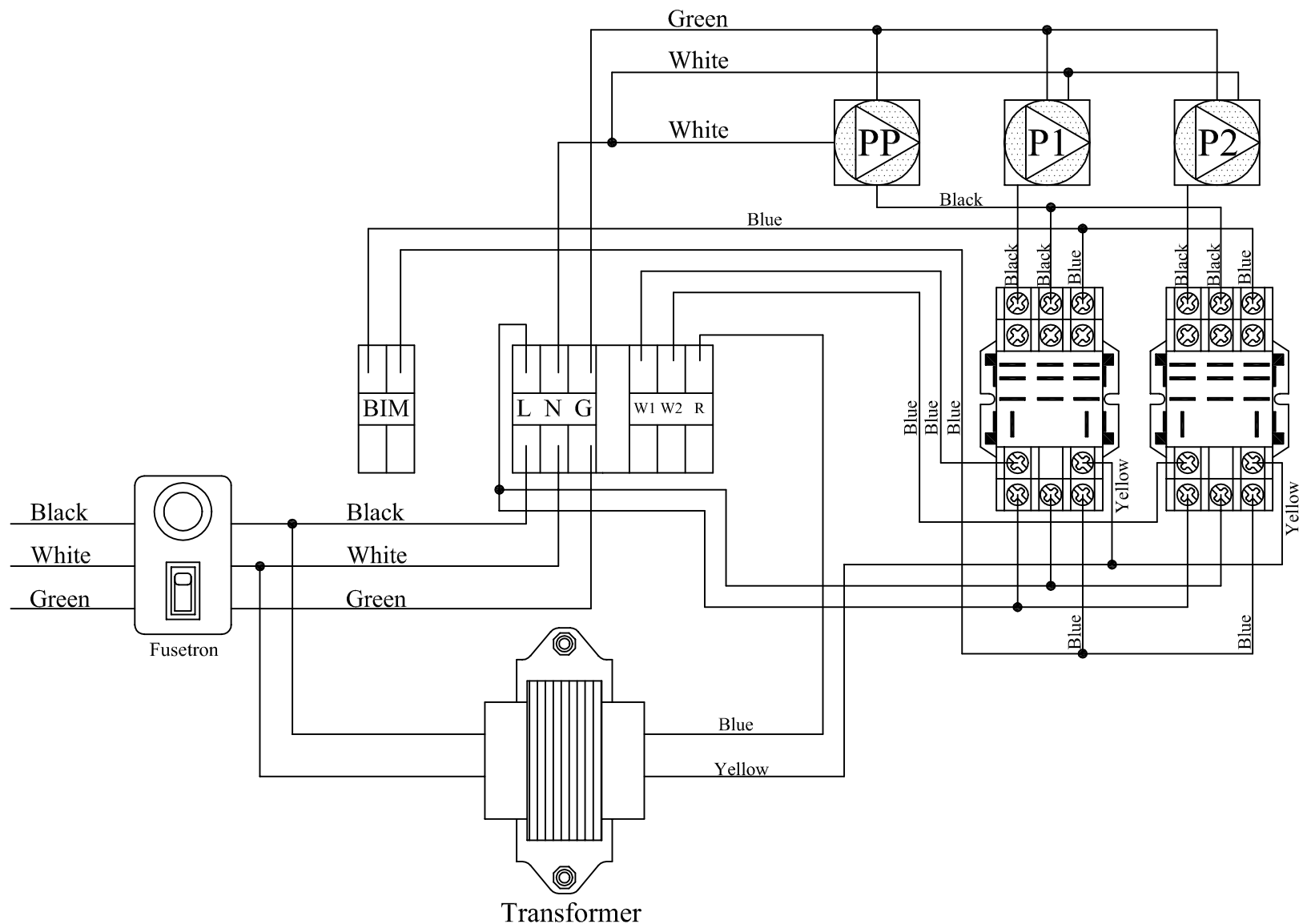
Temp Gauge

Spring Check

Gravity Check

Control

Snow Sensor



Electrical Diagram

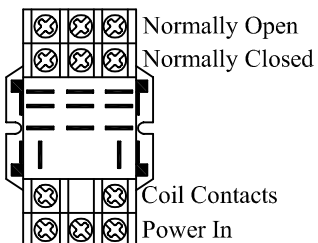
General Information		Zone Pump Information			Zone Valve Information			Misc. Control Information			
Design Date		Zone	Volt	Amp.	Zone	Volt	Amp.	Standard Thermostats	Yes		
H.C. No.		PP			ZV1			No			
Project No.		P1			ZV2				Qty.	Device	Volt
Details		P2			ZV3						
		P3			ZV4						
		P4			ZV5						
		P5									
Application											
Mixing Type											

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Heat Source	BOILER		
Supply Temp	180	Delta T	20
Standard Thermostats	Yes	No	X

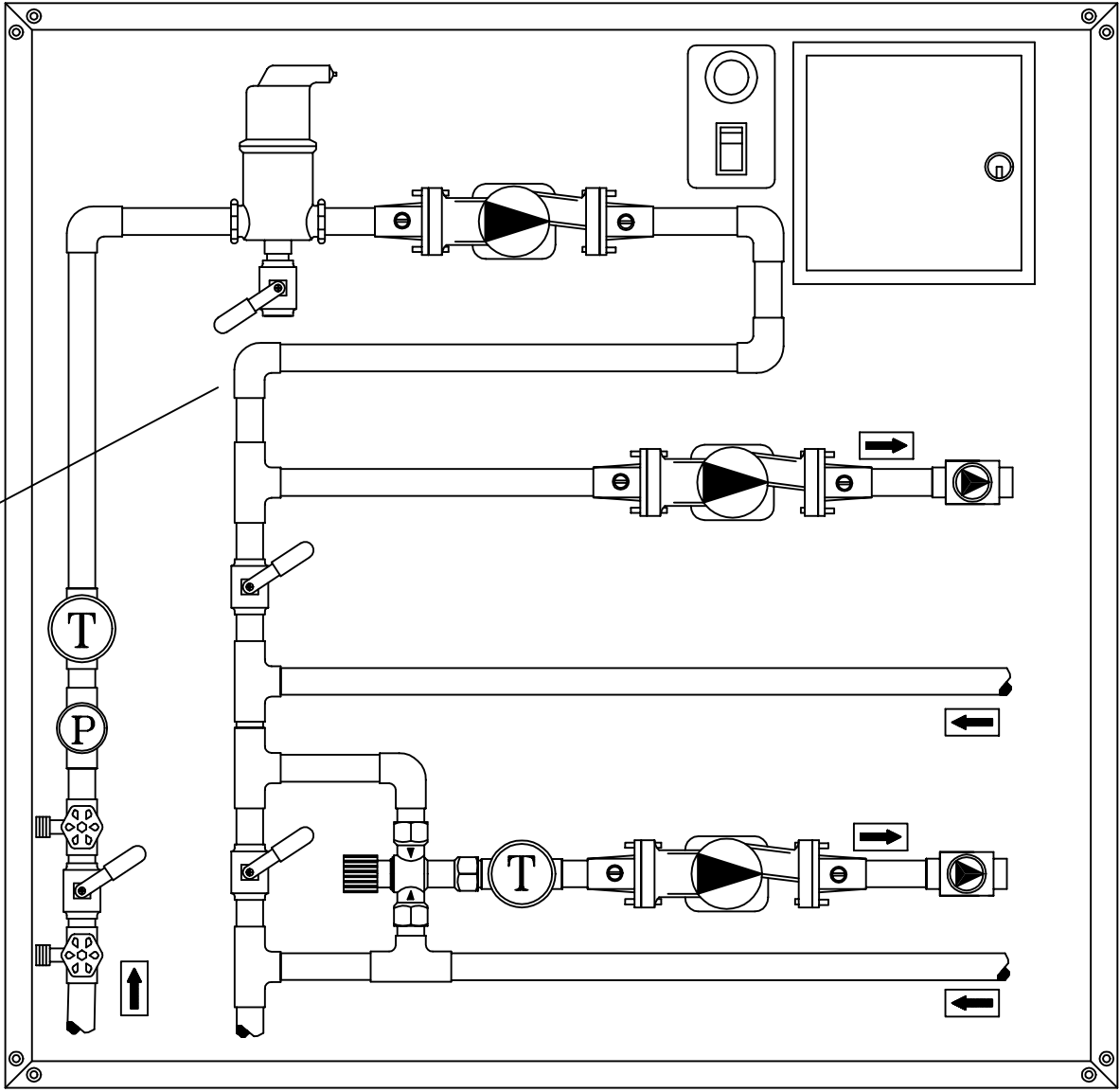
Special Items	Qty.	Manf.	Device

Legend

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Ball Valve

Press Gauge

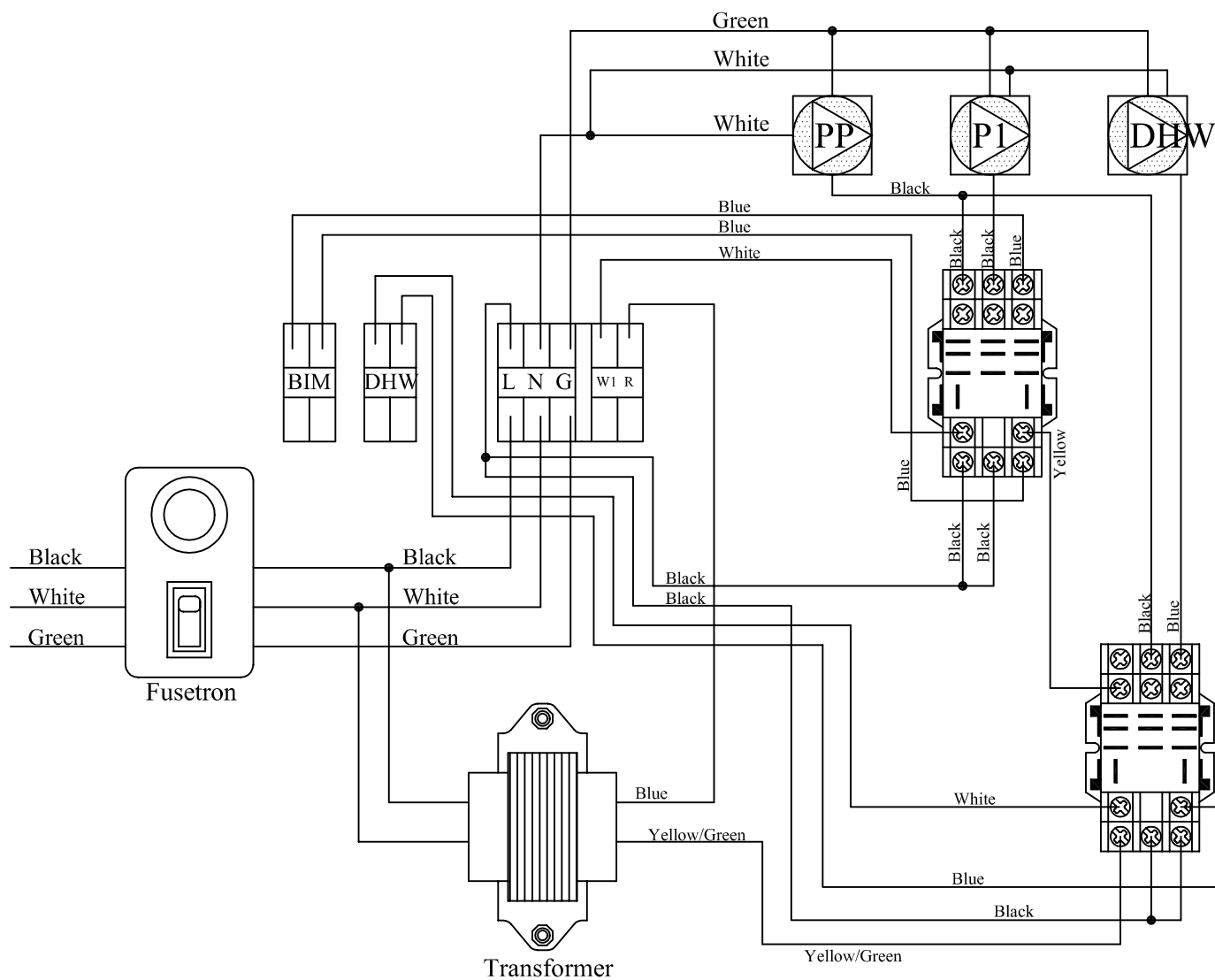
Temp Gauge

Spring Check

Gravity Check

Control

Snow Sensor



Electrical Diagram

General Information

Design Date	
H.C. No.	
Project No.	

Details

Application	
Mixing Type	

Zone Pump Information

Zone	Volt	Amp.
PP		
P1		
P2		
P3		
P4		
P5		

Zone Valve Information

Zone	Volt	Amp.
ZV1		
ZV2		
ZV3		
ZV4		
ZV5		

Misc. Control Information

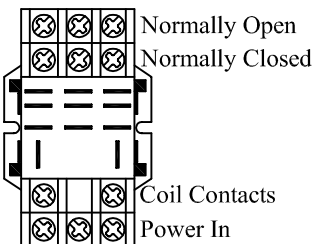
Standard Thermostats	Yes	No
Qty.		
Device		
Volt		
Amp.		

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Control Information

Heat Source	
Supply Temp	Delta T
Standard Thermostats	Yes No

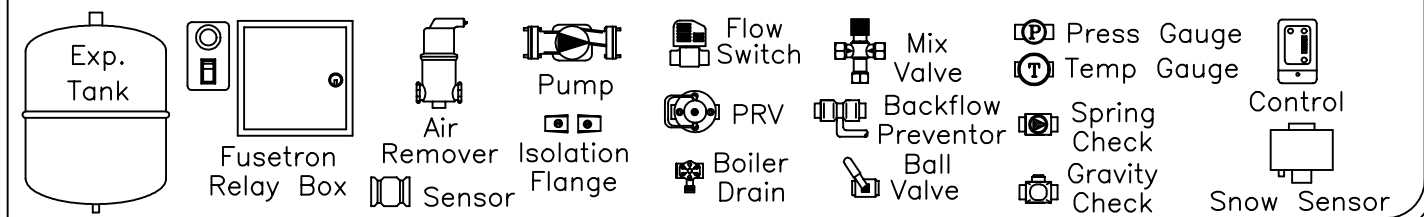
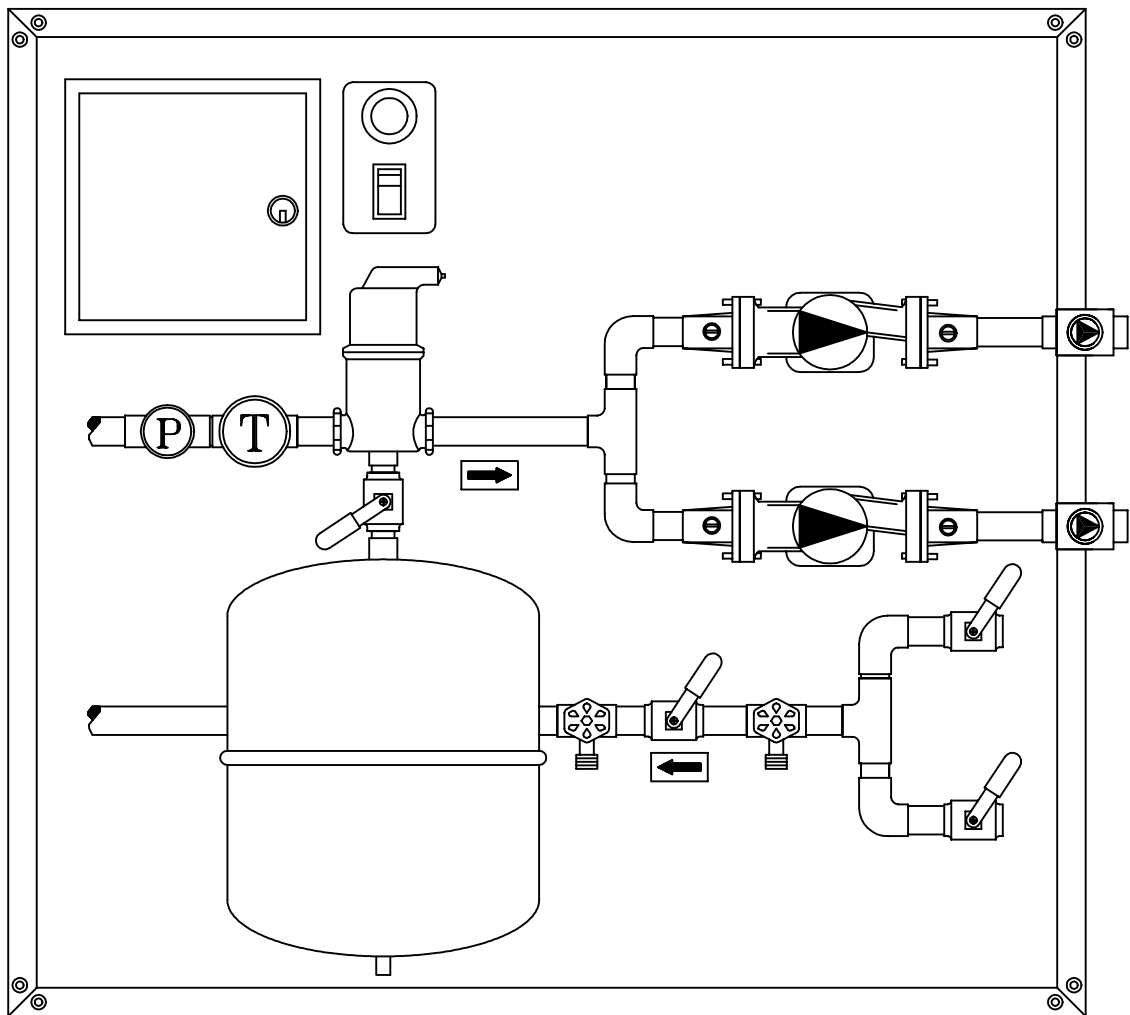
Special Items	Qty.	Manf.	Device

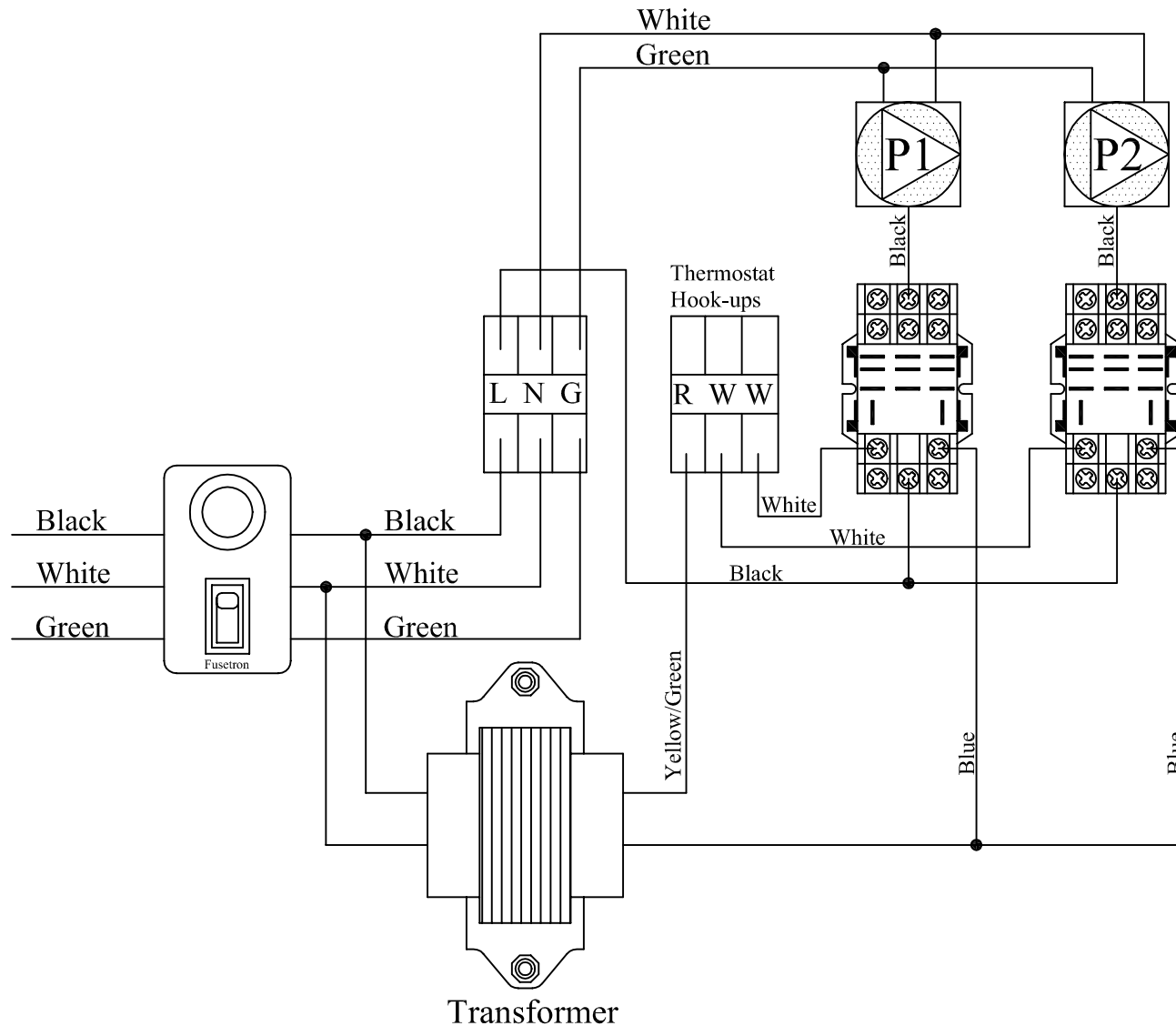
Legend

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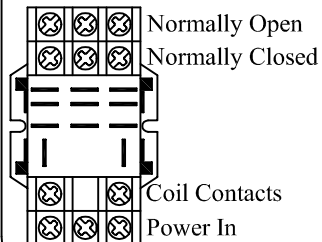
**** Panel Size May Change ****





Electrical Diagram

General Information		Zone Pump Information			Zone Valve Information			Misc. Control Information			
Design Date		Zone	Volt	Amp.	Zone	Volt	Amp.	Standard Thermostats	Yes		
H.C. No.		PP			ZV1			No			
Project No.		P1			ZV2			Qty.	Device	Volt	Amp
Details		P2			ZV3						
Application		P3			ZV4						
Mixing Type		P4			ZV5						
		P5									



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Piping Diagram

General Information

Design Date

H.C. No.

Project No.

Details

Application

Mixing Type

Zone Information

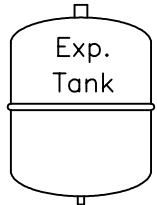
Zone	GPM	Head	Temp
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

Control Information

Heat Source	
Supply Temp	Delta T
Standard Thermostats	Yes No

Special Items	Qty.	Manf.	Device

Legend



Exp.
Tank



Fusetron
Relay Box



Air
Remover



Pump



Isolation
Flange



Flow
Switch



PRV



Boiler
Drain



Mix
Valve



Backflow
Preventor



Ball
Valve



Press Gauge



Temp Gauge



Spring
Check



Gravity
Check



Control

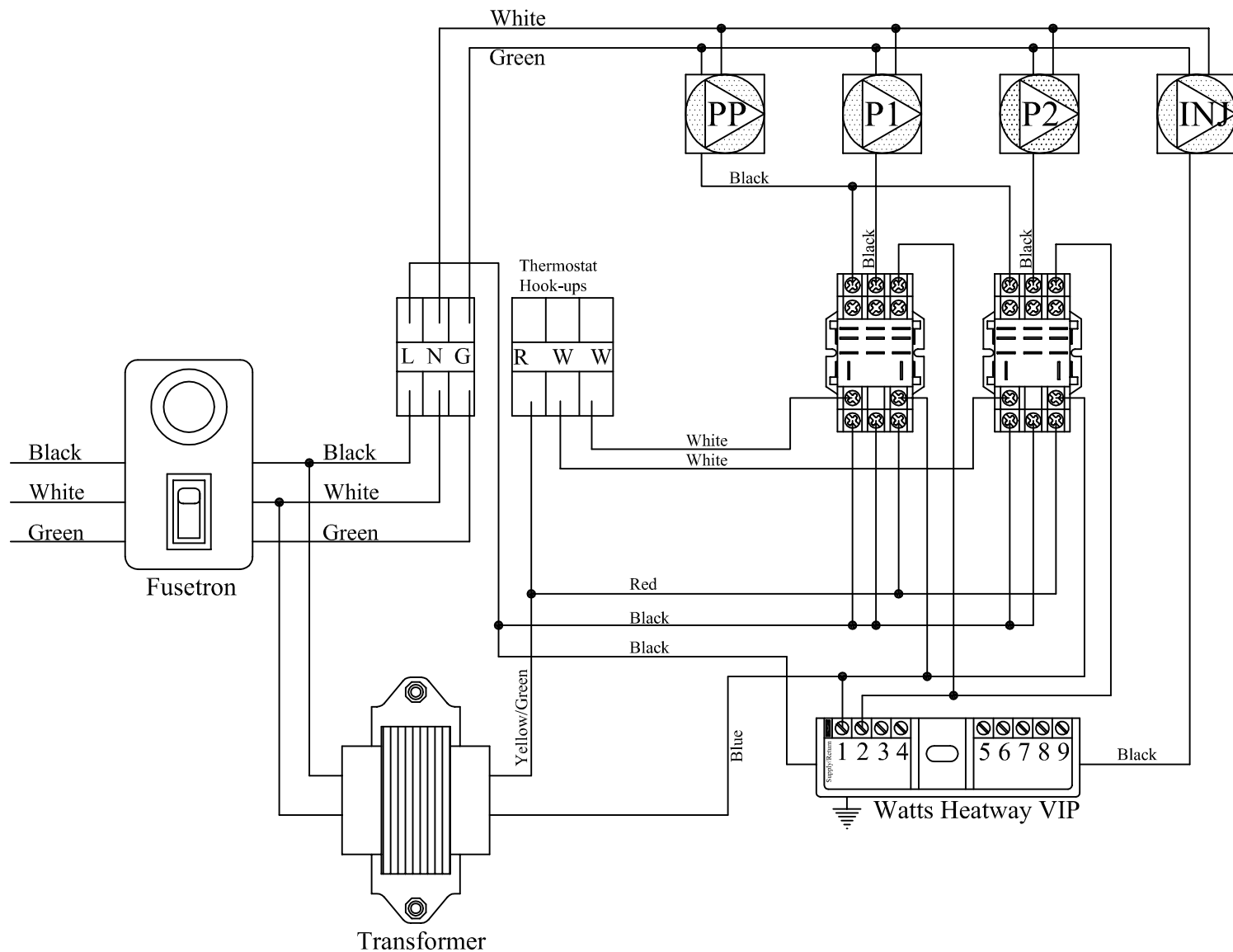


Snow Sensor

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**** Panel Size May Change ****



Electrical Diagram

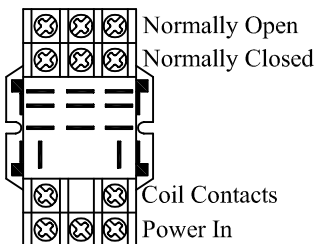
General Information		Zone Pump Information			Zone Valve Information			Misc. Control Information			
Design Date		Zone	Volt	Amp.	Zone	Volt	Amp.	Standard Thermostats	Yes		
H.C. No.		PP			ZV1			No			
Project No.		P1			ZV2						
Details		P2			ZV3			Qty.	Device	Volt	Amp.
		P3			ZV4						
		P4			ZV5						
		P5									
Application											
Mixing Type											

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Design Date

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Project No.

Details

Application

Mixing Type

Zone Information

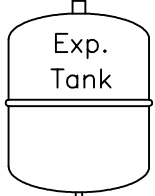
Zone	GPM	Head	Temp
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

Control Information

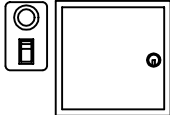
Heat Source	
Supply Temp	Delta T
Standard Thermostats	Yes
	No

Special Items	Qty.	Manf.	Device

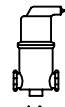
Legend




Exp. Tank




Fusetron Relay Box




Air Remover




Sensor




Pump




Isolation Flange




Flow Switch




PRV




Boiler Drain




Mix Valve




Backflow Preventor




Ball Valve




Press Gauge




Temp Gauge




Spring Check



Gravity Check



Control

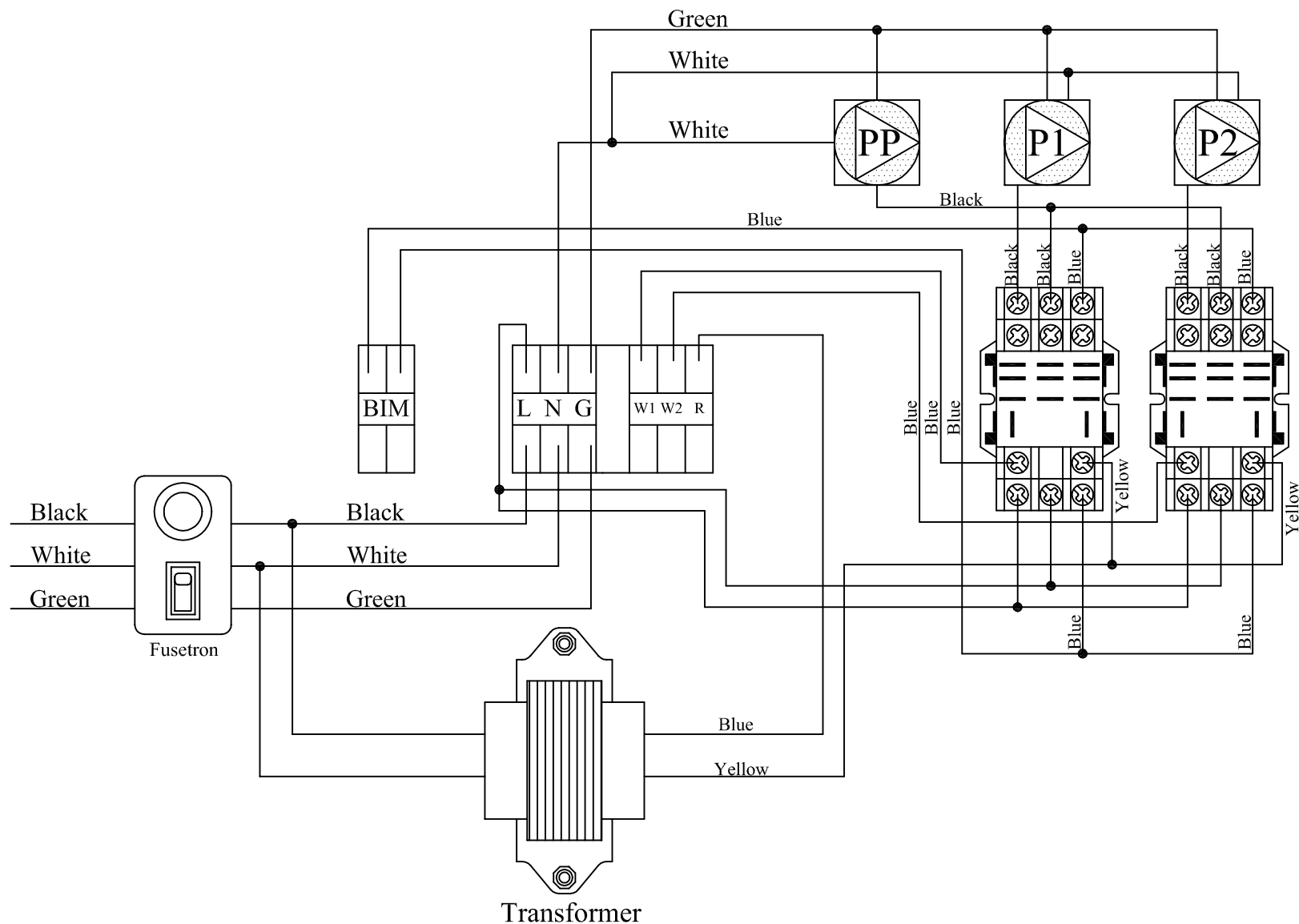


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Design Date		Zone	Volt	Amp.	Zone	Volt	Amp.	Standard Thermostats	Yes		
H.C. No.		PP			ZV1			No			
Project No.		P1			ZV2				Qty.	Device	Volt
Details		P2			ZV3						
		P3			ZV4						
		P4			ZV5						
		P5									
Application											
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