

# Hydronic Heating and Potable Water Solutions

## ZONE VALVES 24V NORMALLY CLOSED

MODELS	DESCRIPTIONS
V8043E1411/U	1/2" Press 3 CV 18" LW SPST End Switch
V8043A1011/U	1/2" Sweat 3.5 CV 18" LW
V8043E1004/U	1/2" Sweat 3.5 CV 18" LW SPST End Switch
V8043F1028/U	1/2" Sweat 3.5 CV Screw Terminal
V8043A1029/U	3/4" Sweat 3.5 CV 18" LW
V8043E1412/U	3/4" Press 3.5 CV 18" LW SPST End Switch
V8043E1012/U	3/4" Sweat 3.5 CV 18" LW Motorized
V8043E1061/U	3/4" Sweat 8 CV 18" LW SPST End Switch
V8043F1036/U	3/4" Sweat 3.5 CV Screw Terminal
V8043F1093/U	3/4" Sweat 8 CV Screw Terminal
V8043E1413/U	1" Press 8.5 CV 18" LW SPST End Switch
V8043E1020/U	1" Sweat 3.5 CV 18" LW SPST End Switch
V8043E1079/U	1" Sweat 8 CV 18" LW SPST End Switch
V8043F1051/U	1" Sweat 3.5 CV Screw Terminal
V8043F1101/U	1" Sweat 8 CV Screw Terminal

\*5000 Series QuickFit Models Available

## CIRCULATING PUMPS

PC3F1558UF00/U	Cast Iron Hydronic Circulating, 3 Speed 15 GPM Max
PC3F2699UF00/U	Cast Iron Hydronic Circulating, 3 Speed 34 GPM Max
PC3F4344UF00/U	Cast Iron Hydronic Circulating, 3 Speed 59 GPM Max
PCVF-ECM2020/U	Cast Iron Wet Rotor Universal ECM 120V Circulator, Variable Speed
PCVF-ECM2020-LF/U	Stainless Steel Wet Rotor Universal ECM 120V Circulator, Variable Speed

## HYDRAULIC SEPERATION

HYDROSEP-102-U*	Hydraulic Separator Union 1"
HYDROSEP-103-U*	Hydraulic Separator Union 1.25"
HYDROSEP-104-U*	Hydraulic Separator Union 1.5"
HYDROSEP-105-U*	Hydraulic Separator Union 2"
HYDROSEP-105-F/U	Hydraulic Separator Flanged 2"
HYDROSEP-106-F/U	Hydraulic Separator Flanged 2.5"
HYDROSEP-107-F/U	Hydraulic Separator Flanged 3"
HYDROSEP-108-F/U	Hydraulic Separator Flanged 4"
HYDROSEP-109-F/U	Hydraulic Separator Flanged 5"
HYDROSEP-110-F/U	Hydraulic Separator Flanged 6"

\*Press, Sweat, NPT Union Adapter Kits Sold Separately

## FILL VALVE AND BACKFLOW

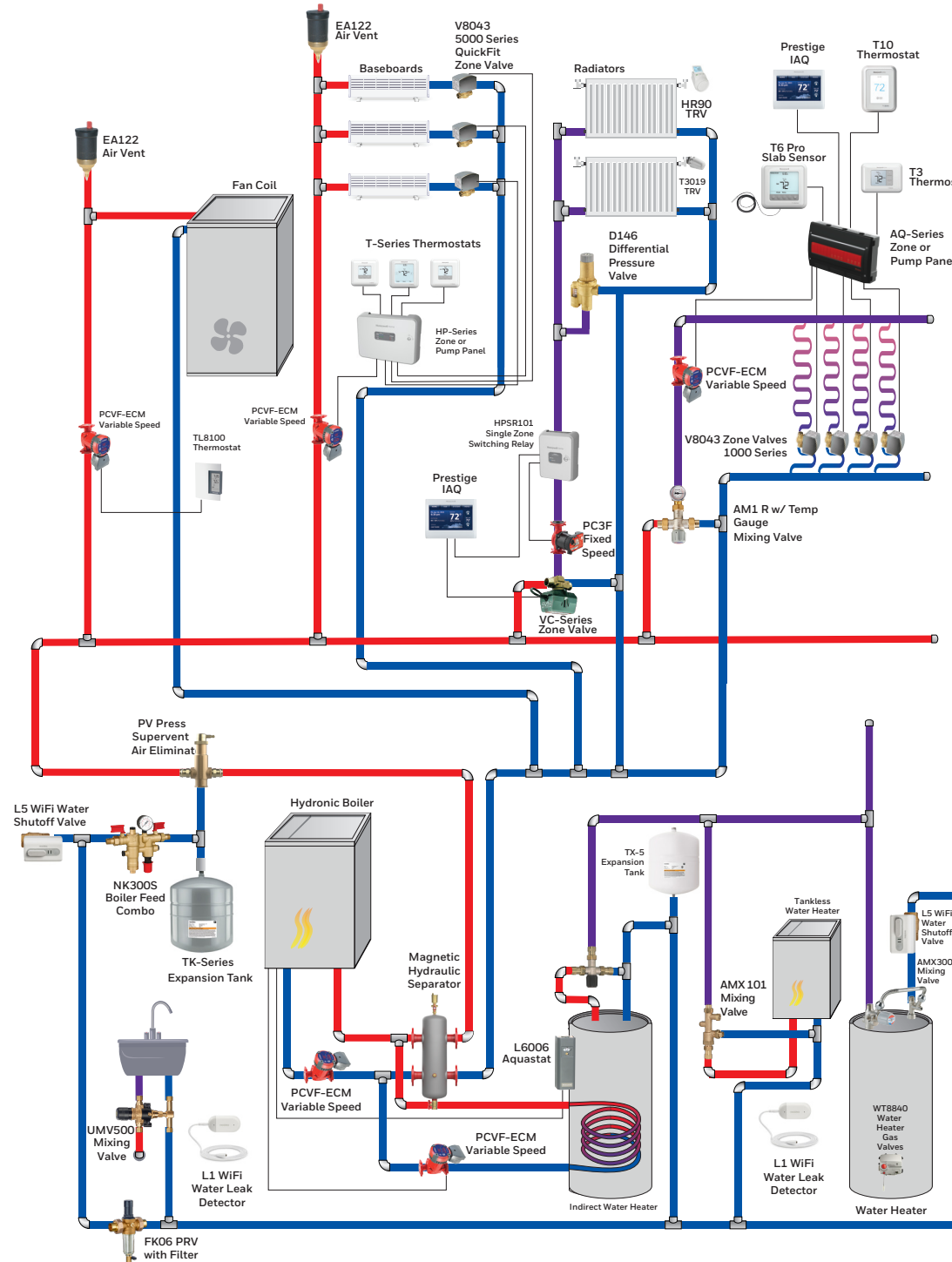
BP900/U	1/2" Backflow Preventer NPT w/ Intermediate Atmospheric Vent
VF06-100-SUSUT/U	1/2" Dialset Boiler Fill Valve
FM911/U	1/2" Boiler Fill and Backflow Combo Union Swt & Union Thread Tailpieces
NK300S-100/U	1/2" Boiler Fill and Backflow Combo Union Swt & Union Thread Tailpieces
NK300S-100UP/U	1/2" Boiler Fill and Backflow Combo ProPress

## EXPANSION TANKS

TK300-15/U	Expansion Tank-Heating 1/2" External NPT Male Connection 2.0 Gallon
TK300-30/U	Expansion Tank-Heating 1/2" External NPT Male Connection 4.4 Gallon
TK300-60/U	Expansion Tank-Heating 1/2" External NPT Male Connection 7.6 Gallon
TX-12/U	Potable Expansion Tank, 3/4", 4.4 Gallon
TX-5/U	Potable Expansion Tank, 3/4", 2.0 Gallon

## BOILER CONTROLS

MODEL	DESCRIPTION
HPSR101/U	Single Zone Switching Relay Hydronic Pro Series
HPSR103/U	Three Zone Switching Relay Hydronic Pro Series
HPSR104/U	Four Zone Switching Relay Hydronic Pro Series
HPSR106/U	Six Zone Valve Controller Hydronic Pro Series
HPZC103/U	Three Zone Valve Controller Hydronic Pro Series
HPZC104/U	Four Zone Valve Controller Hydronic Pro Series
HPZC105/U	Five Zone Valve Controller Hydronic Pro Series
HPZC106/U	Six Zone Valve Controller Hydronic Pro Series
L6006A1145/U	Aquastat



Not a typical system. Illustration for reference purposes only. Note: This is only a concept drawing. Designer must design injection and multi-zone systems from the ground up to ensure proper working of the system and compliance with code requirements. Necessary auxiliary equipment and safety devices must be used.

## CONNECTED THERMOSTATS

YTHX9421R5085WW/U	Prestige® 2-Wire IAQ Kit w/HD Clr. Touchscreen Wht Thermostat w/RedLINK® Tech.
THX321WFS2001W/U	WiFi Thermostat; Up To 3H/2C Heat Pumps; Up To 2H/2C Conv. Systems
TH6320WF2003/U	T6 Pro WiFi Programmable Thermostat 3H/2C
TH6220WF2006/U	T6 Pro WiFi Programmable Thermostat 2H/2C

## THERMOSTATS

TH6100AF2004/U	T6 Pro Hydronic Programmable Thermostat with Slab Sensor
TH1100DV1000/U	Pro 1000 Non-Programmable Heat-Only Thermostat
TH3110U2008/U	T3 Pro 1 Heat / 1 Cool NonProgrammable Thermostat
TH1010D2000/U	T1 Pro Non-Programmable Heat-Only Thermostat
TL8100A1008/U	LineVolt PRO Multi-Voltage, 7-Day Programmable Thermostat

## THERMOSTATIC RADIATOR VALVE ACTUATORS

T3019	Thermostatic Radiator Head
HR90	TheraPro HR90 Electronic Radiator Controller

## MIXING VALVES

UMV500-LF/U	3/8" Lead-Free Undersink Thermostatic Mixing Valve for 3 or 4 Port
AM100C1070-UPEX1LF*	1/2" AM Series ASSE 1070/1017 Union PEX
AM101-US-1LF/U*	3/4" AM Series ASSE 1017 Union Sweat
AM101-USTG-1LF/U*	3/4" AM Series ASSE 1017 with Temperature Gauge Union Sweat
AM102R-UP-1/U*	1" AM Series Radiant Union Press
MX128LF/U	1 1/4" NPT Lead-Free Mixing Valve
MX129LF/U	1 1/2" NPT Lead-Free Mixing Valve
MX130LF/U	2" NPT Lead-Free Mixing Valve
MX131LF/U	2 1/2" Flanged Lead-Free Mixing Valve

\*AM Series Available from 1/2" to 1"

## DIRECT CONNECT WATER HEATER MIXING VALVE

AMX300TLF/U	3/4" LF AMX300 w/ 8" Flex Connector ASSE 1017
AMX101-US-1LF/U	3/4" LF Union Sweat ASSE 1017

## PRESSURE REGULATING VALVES

DS05-101-LF/U	PRV 3/4" DN20 - Female NPT
DS05-101-SB-LF/U	PRV 3/4" DN20 - Push Connections
DS05-101-PEX-LF/U	PRV 3/4" DN20 - PEX Connections
DS05-102-LF/U	PRV 1" DN25 - Female NPT
DS05-102-SB-LF/U	PRV 1" DN25 - Push Connections
DS05-102-PEX-LF/U	PRV 1" DN25 - PEX Connections
DS06-101-LF/U	Dialset Pressure Reducing Valve 3/4" Body Only
DS06-101-SUS-LF/U	Dialset Pressure Reducing Valve 3/4" with Single Union Sweat
DS06-101-SUT-LF/U	Dialset Pressure Reducing Valve 3/4" with Single Union Thread
DS06-101-DUS-LF/U	Dialset Pressure Reducing Valve 3/4" with Double Union Sweat
DS06-101-DUT-LF/U	Dialset Pressure Reducing Valve 3/4" with Double Union Thread
FK06-101-DUS-LF/U	Dialset Pressure Reducing Valve 3/4" with Filter Combo Double Union Sweat
FK06-101-DUT-LF/U	Dialset Pressure Reducing Valve 3/4" with Filter Combo Double Union Thread

## AIR VENTS

FV180A	1/4" Goldtop Universal Air Vent 1/4" NPT 50 PSI MAX. Brass
SV175	1/2" NPT SuperVent Top Air Vent for Heating and Cooling Systems
EA79A1004	3/4" Auto Industrial Air Vent w Built-in Shut-off

## WATER LEAK SOLUTIONS

CHW3610W8001/U	L1 Water Leak Detector, Single Pack, Battery
YCHW3000W3003/U	L1 Water Leak Detector, Triple Pack, Battery
VWS01Y-1/2	L5 WiFi Actuator with 1/2 inch NPT ball valve, includes 1 L1 leak detector
VWS01Y-3/4	L5 WiFi Actuator with 3/4 inch NPT ball valve, includes 1 L1 leak detector
VWS01Y-1	L5 WiFi Actuator with 1 inch NPT ball valve, includes 1 L1 leak detector
VWS01Y-11/4	L5 WiFi Actuator with 1 1/4 inch NPT valve, includes 1 L1 leak detector
VWS02Y-1/2	L5 WiFi Actuator with 1/2 inch NPT ball valve
VWS02Y-3/4	L5 WiFi Actuator with 3/4 inch NPT ball valve
VWS02Y-1	L5 WiFi Actuator with 1 inch NPT ball valve
VWS02Y-11/4	L5 WiFi Actuator with 1 1/4 inch NPT ball valve
VB-SP02Y-002	L5 WiFi Actuator