

# HYDRONIC HEATING AND POTABLE WATER SOLUTIONS

ZONE VALVES 24V NORMALLY CLOSED	
MODELS	DESCRIPTIONS
V8043E1411	1/2" Press 3 CV 18" LW SPST End Switch
V8043A1011	1/2" Sweat 3.5 CV 18" LW
V8043E1004	1/2" Sweat 3.5 CV 18" LW SPST End Switch
V8043F1028	1/2" Sweat 3.5 CV Screw Terminal
V8043A1029	3/4" Sweat 3.5 CV 18" LW
V8043E1412	3/4" Press 3.5 CV 18" LW SPST End Switch
V8043E1012	3/4" Sweat 3.5 CV 18" LW Motorized
V8043E1061	3/4" Sweat 8 CV 18" LW SPST End Switch
V8043F1036	3/4" Sweat 3.5 CV Screw Terminal
V8043F1093	3/4" Sweat. 8 CV Screw Terminal
V8043E1413	1" Press 8.5 CV 18" LW SPST End Switch
V8043E1020	1" Sweat 3.5 CV 18" LW SPST End Switch
V8043E1079	1" Sweat 8 CV 18" LW SPST End Switch
V8043F1051	1" Sweat 3.5 CV Screw Terminal
V8043F1101	1" Sweat 8 CV Screw Terminal

\*5000 Series QuickFit Models Available

CIRCULATING PUMPS	
PC3F1558IUF00	Cast Iron Hydronic Circulating, 3 Speed 15 GPM Max
PC3F2699IUF00	Cast Iron Hydronic Circulating, 3 Speed 34 GPM Max
PC3F4344IUF00	Cast Iron Hydronic Circulating, 3 Speed 59 GPM Max
PCVF-ECM2020	Cast Iron Wet Rotor Universal ECM 120V Circulator, Variable Speed
PCVF-ECM2020-LF	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"

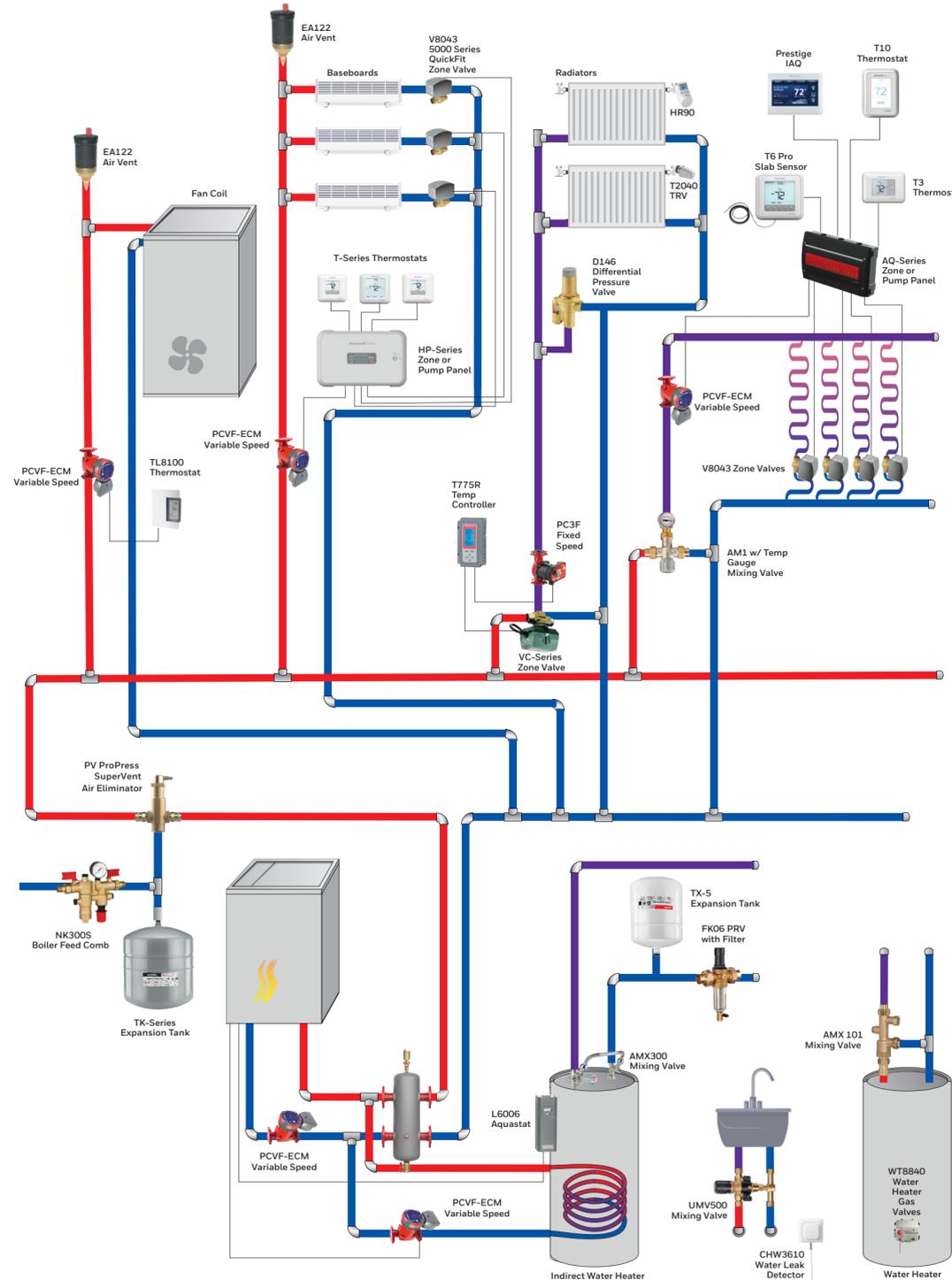
\*Press, Sweat, NPT Union Adapter Kits Sold Separately

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

AIR ELIMINATION	
PV125	1 1/4" NPT SuperVent Air Eliminator
PV125S	1 1/4" Sweat SuperVent Air Eliminator
PV125P	1 1/4" Press SuperVent Air Eliminator
PVU125	1-1/4" NPT SuperVent Bottom Inlet
AP400	1" Air Purger, 1/2" Bottom Conn, 1/8" Top Conn

\*PV Available from 3/4" to 2", AP Available from 1" to 1 1/2"

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



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.

BOILER CONTROLS	
MODEL	DESCRIPTION
HPSR101	Single Zone Switching Relay Hydronic Pro Series
HPSR103	Three Zone Switching Relay Hydronic Pro Series
HPSR104	Four Zone Switching Relay Hydronic Pro Series
HPSR106	Six Zone Valve Controller Hydronic Pro Series
HPZC103	Three Zone Valve Controller Hydronic Pro Series
HPZC104	Four Zone Valve Controller Hydronic Pro Series
HPZC105	Five Zone Valve Controller Hydronic Pro Series
HPZC106	Six Zone Valve Controller Hydronic Pro Series

CONNECTED THERMOSTATS	
YTHX94215085WW	Prestige® 2-Wire IAQ Kit w/HD Clr. Touchscreen Wht Thermostat w/RedLINK® Tech.
THX321WFS2001W	WiFi Thermostat; Up To 3H/2C Heat Pumps; Up To 2H/2C Conv. Systems
TH6320WF2003	T6 Pro WiFi Programmable Thermostat 3H/2C
TH6220WF2006	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	
T2040NA	Thermostatic Radiator Actuator w. Int.Sensor w. Danfoss RA Adapter
HR90	TheraPro HR90 Electronic Radiator Controller

MIXING VALVES	
UMV500-LF	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*	3/4" AM Series ASSE 1017 Union Sweat
AM101-USTG-1LF*	3/4 AM Series ASSE 1017 with Temperature Gauge Union Sweat
AM102R-UP-1*	1" AM Series Radiant Union Press
MX128LF	1 1/4" NPT Lead-Free Mixing Valve
MX129LF	1 1/2" NPT Lead-Free Mixing Valve
MX130LF	2" NPT Lead-Free Mixing Valve
MX131LF	2 1/2" Flanged Lead-Free Mixing Valve

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

DIRECT CONNECT WATER HEATER MIXING VALVE	
AMX300TLF	3/4" LF AMX300 w/ 8" Flex Connector ASSE 1017
AMX101-US-1LF	3/4" LF Union Sweat ASSE 1017

PRESSURE REDUCING VALVES	
DS06-101-LF	Dialset Pressure Reducing Valve 3/4" Body Only
DS06-101-SUS-LF	Dialset Pressure Reducing Valve 3/4" with Single Union Sweat
DS06-101-SUT-LF	Dialset Pressure Reducing Valve 3/4" with Single Union Thread
DS06-101-DUS-LF	Dialset Pressure Reducing Valve 3/4" with Double Union Sweat
DS06-101-DUT-LF	Dialset Pressure Reducing Valve 3/4" with Double Union Thread
FK06-101-DUS-LF	Dialset Pressure Reducing Valve 3/4" with Filter Combo Double Union Sweat
FK06-101-DUT-LF	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