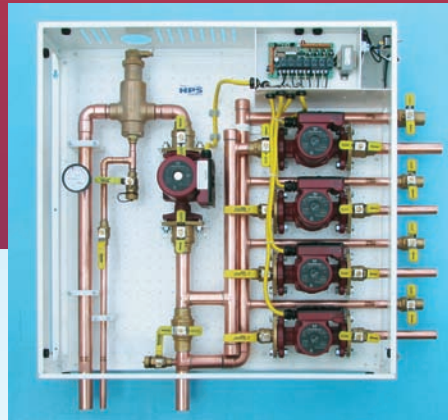




# Let Us Work for You!



**Create Time,  
Earn more Revenues, and  
Build your Reputation with**

**Hydronic Pump  
Zone Control Stations by**



**HPS**  
**CONTROLS**



**Zoning for Radiant Floor Systems, Fin Tube Convectors,  
Panel Radiation, Fan Coils, DHW Indirects and more**



Established in Edmonton,  
Alberta, Canada, HPS Controls  
began production of Hydronic  
Pump Zone Control Stations  
in 1995.

HPS Controls' President, Bob  
Ridley, has more than 30 years  
experience in the electronic  
controls industry and hot water  
fan coil manufacturing.

In 2009 HPS Controls added  
to their staff a Certified  
Hydronic Designer and now  
offers (CHC) stamped  
Hydronic Heating Packages.

## Installing Hydronic Zoning Systems has never been easier!

**HPS Controls create innovative Hydronic Pump Zone Control Station Models to apply to your unique system design. Make your installations simple and easy, while you save time and money.**

### **What makes our system so easy to install?**

#### **Pre-assembled System Design**

All components required for your zoning job are prepackaged in our pre-assembled system designed Hydronic Pump Zone Control Station. No complicated, time consuming assembly required. Select a specific model which applies to your system and standardize your installation, eliminating complex piping schemes.

#### **Wiring**

No need to worry about intricate wiring. Just bring 120V to the station, connect your thermostats, wire to the boiler aquastat and you are done. Simple basic wiring for ease of installation, any technician can complete.

#### **Flexible Models**

The flexibility of our Zone Stations allows you to be creative with your system designs, both large and small, using our "Select-A-Design" option feature. Select larger pumps, flanges and headers to fit your unique system requirements.

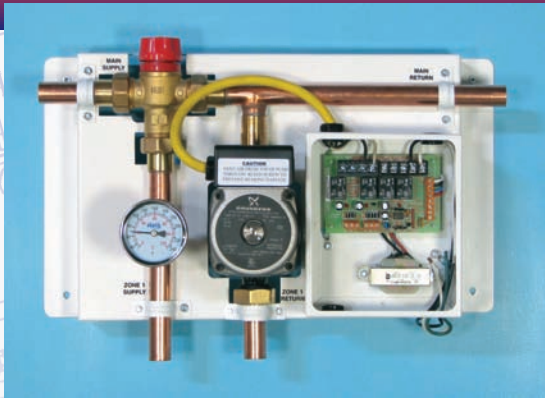
#### **Certified Hydronic Heating Packages include:**

- \* Room to room heat loss calculation
- \* Loop layout for each zone
- \* Control station specifications
- \* **Certified Hydronic Design Stamp (CHC)**

*For efficient, cost effective hydronic heating solutions, the Hydronic Pump Zone Control Station by HPS Controls is ideal.*

## HPS "SERIES 100" LTV LOW TEMP MIXING VALVE ZONE CONTROL STATIONS

LTV-1

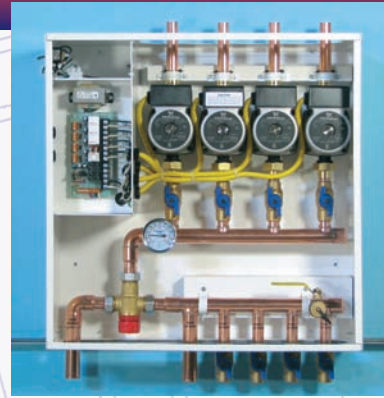


HP100001 LTV-1  
HP100002 LTV-2

1 ZONE LO-TEMP  
2 ZONE LO-TEMP

1-2 ZONE COMPACT STATION MODEL HOUSING  
WHITE POWDER COAT APPLIANCE FINISH  
3/4" SWEAT COMPOSITE BODY PUMPS UP15-42RUC7  
THERMOSTATIC 3-WAY MIXING VALVE  
ORGANIC ACID BATH POLISHED COPPER PIPING  
INTEGRAL PUMP FLOW CHECK VALVES  
2 ZONE ELECTRONIC RELAY CONTROL BOARD  
PUMP DUTY CYCLE TIMER OPTIONS  
LED INDICATOR LIGHTS

LTV-4

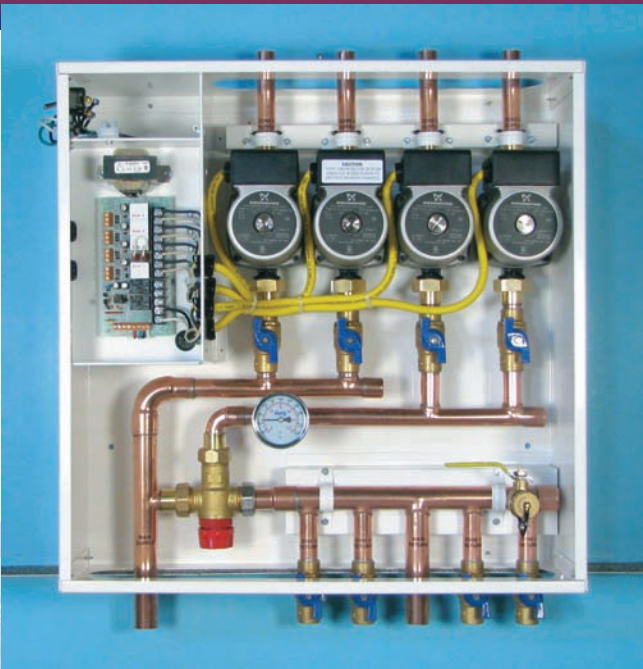


HP100003 LTV-3  
HP100004 LTV-4

3 ZONE LO-TEMP  
4 ZONE LO-TEMP

3 - 4 ZONE STATION MODEL HOUSING  
WHITE POWDER COAT APPLIANCE FINISH  
3/4" SWEAT COMPOSITE BODY PUMPS UP15-42RUC7  
THERMOSTATIC 3-WAY MIXING VALVE  
ORGANIC ACID BATH POLISHED COPPER PIPING  
SUPPLY & RETURN BALL VALVES  
SYSTEM BLEED PURGE VALVE  
INTEGRAL PUMP FLOW CHECK VALVES  
4 ZONE ELECTRONIC RELAY CONTROL BOARD  
PRIORITY ZONE ONE FEATURE  
PUMP DUTY CYCLE TIMER OPTIONS  
LED INDICATOR LIGHTS

## HPS "SERIES 100" CTV COMBO TEMP MIXING VALVE ZONE CONTROL STATIONS



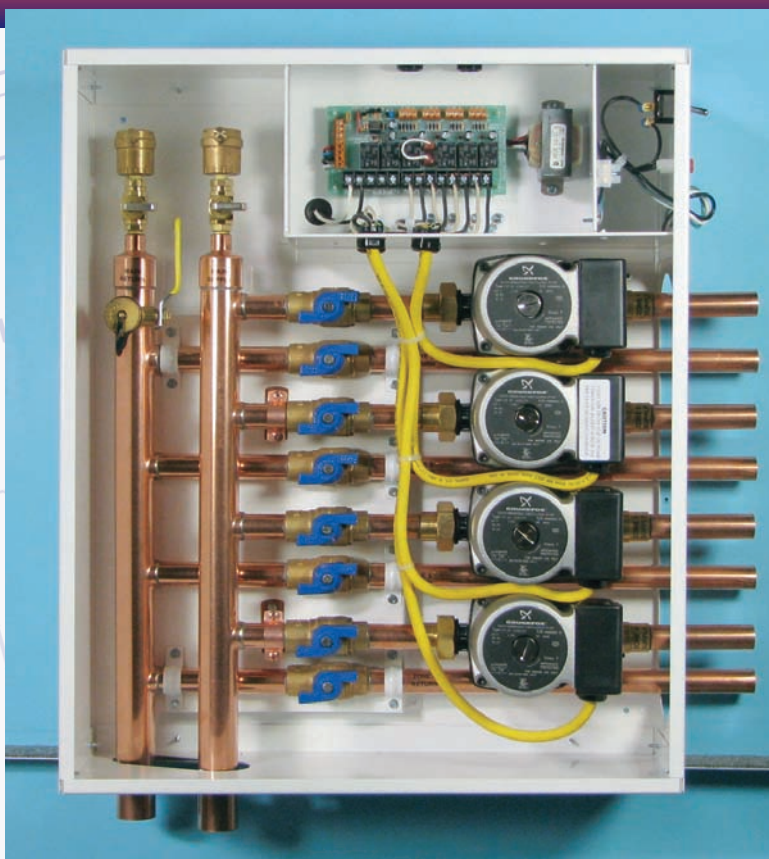
CTV-422

HP100211 CTV-211 2 ZONE COMBO 1-HI 1-LO TEMP  
HP100312 CTV-312 3 ZONE COMBO 1-HI 2-LO TEMP  
HP100321 CTV-321 3 ZONE COMBO 2-HI 1-LO TEMP  
HP100413 CTV-413 4 ZONE COMBO 1-HI 3-LO TEMP  
HP100422 CTV-422 4 ZONE COMBO 2-HI 2-LO TEMP  
HP100431 CTV-431 4 ZONE COMBO 3-HI 1-LO TEMP

2 - 4 ZONE STATION MODEL HOUSING  
WHITE POWDER COAT APPLIANCE FINISH  
3/4" SWEAT COMPOSITE BODY PUMPS UP15-42RUC7  
THERMOSTATIC 3-WAY MIXING VALVE  
ORGANIC ACID BATH POLISHED COPPER PIPING  
SYSTEM BLEED PURGE VALVE  
4 ZONE ELECTRONIC RELAY CONTROL BOARD  
SUPPLY SIDE BALL VALVES  
RETURN ZONE BALL VALVES  
PRIORITY ZONE ONE FEATURE  
PUMP DUTY CYCLE TIMER OPTIONS  
LED INDICATOR LIGHTS  
INTEGRAL PUMP FLOW CHECK VALVES



## HPS "SERIES 200" HTP HIGH TEMP ZONE CONTROL STATIONS

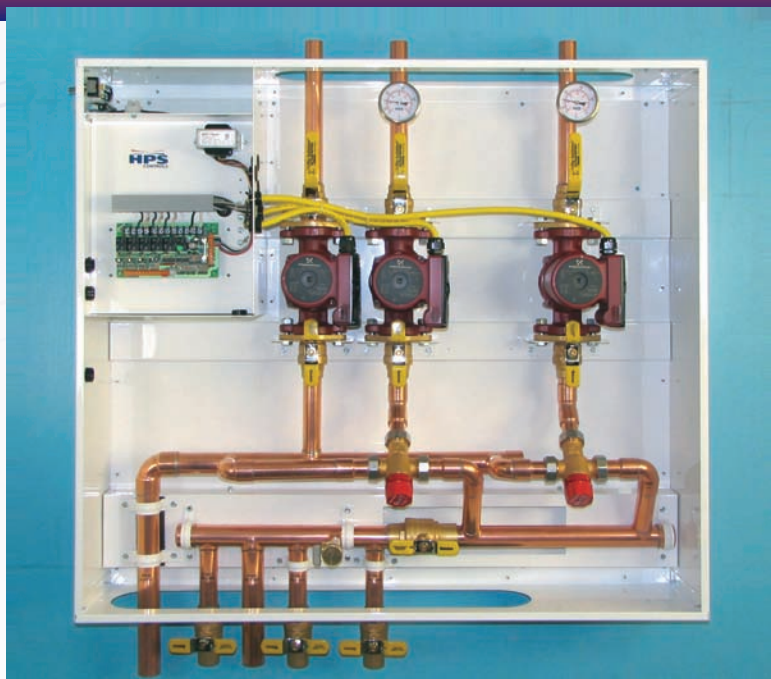


### HTP-4

HP200001	HTP-1
HP200002	HTP-2
HP200003	HTP-3
HP200004	HTP-4

1 - 4 ZONE STATION MODEL HOUSING  
 WHITE POWDER COAT APPLIANCE FINISH  
 3/4" SWEAT COMPOSITE BODY PUMPS UP15-42RUC7  
 ORGANIC ACID BATH POLISHED COPPER PIPING  
 SYSTEM BLEED PURGE VALVE  
 4 ZONE ELECTRONIC RELAY CONTROL BOARD  
 SUPPLY SIDE BALL VALVES  
 RETURN ZONE BALL VALVES  
 PRIORITY ZONE ONE FEATURE  
 PUMP DUTY CYCLE TIMER OPTIONS  
 LED INDICATOR LIGHTS  
 INTEGRAL PUMP FLOW CHECK VALVES  
 AUTO AIR VENTS SUPPLY-RETURN

## HPS "SERIES 300" MTV MULTI-TEMP MIXING VALVE ZONE CONTROL STATIONS



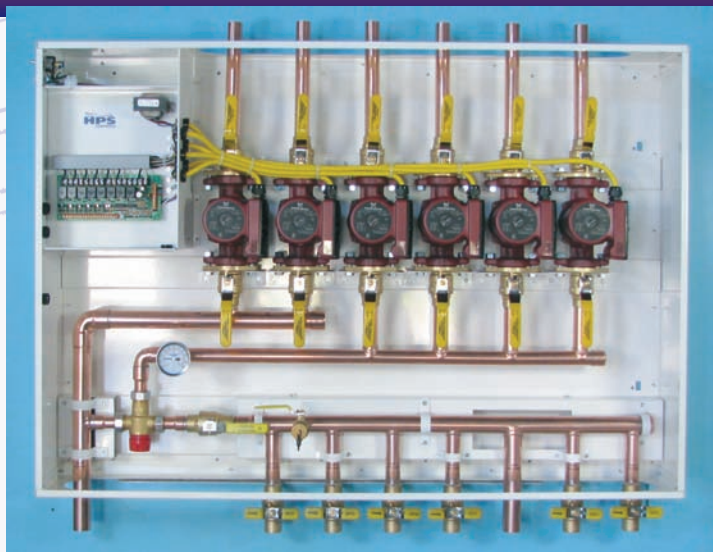
### MTV-312

**300 SERIES MTV MODELS CAN BE CUSTOMIZED TO MEET SELECT DESIGN SPECIFICATIONS**

HP300202	MTV-2	2 ZONE MULTI LO-TEMP
HP300303	MTV-3	3 ZONE MULTI LO-TEMP
HP300312	MTV-312	3 ZONE 1-HI 2-MULTI LO-TEMP

2 - 3 ZONE STATION MODEL HOUSING  
 WHITE POWDER COAT APPLIANCE FINISH  
 1" FLANGE BODY PUMPS UPS15-58FC  
 THERMOSTATIC 3-WAY MIXING VALVES  
 ORGANIC ACID BATH POLISHED COPPER PIPING  
 SYSTEM BLEED PURGE VALVE  
 4 ZONE ELECTRONIC RELAY CONTROL BOARD  
 "ISOLATOR" BALL VALVE FLANGE SET  
 RETURN ZONE BALL VALVES  
 PRIORITY with PRIORITY SAFE FEATURE  
 PUMP DUTY CYCLE TIMER OPTIONS  
 OPTIONAL BOILER PROTECTION FEATURE  
 LOW WATER CUTOFF 24V ACCESS OPTION  
 LED INDICATOR LIGHTS  
 INTEGRAL PUMP FLOW CHECK VALVES

## HPS "SERIES 400" LFB LOW TEMP MIXING VALVE ZONE CONTROL STATIONS CFV COMBO TEMP MIXING VALVE ZONE CONTROL STATIONS



HP400202	LFB-2	2 ZONE LO-TEMP VALVE
HP400303	LFB-3	3 ZONE LO-TEMP VALVE
HP400404	LFB-4	4 ZONE LO-TEMP VALVE
HP400505	LFB-5	5 ZONE LO-TEMP VALVE
HP400606	LFB-6	6 ZONE LOW TEMP VALVE
HP400211	CFV-211	2 ZONE 1-HI 1-LO TEMP VALVE
HP400312	CFV-312	3 ZONE 1-HI 2-LO TEMP VALVE
HP400321	CFV-321	3 ZONE 2-HI 1-LO TEMP VALVE
HP400413	CFV-413	4 ZONE 1-HI 3-LO TEMP VALVE
HP400422	CFV-422	4 ZONE 2-HI 2-LO TEMP VALVE
HP400431	CFV-431	4 ZONE 3-HI 1-LO TEMP VALVE

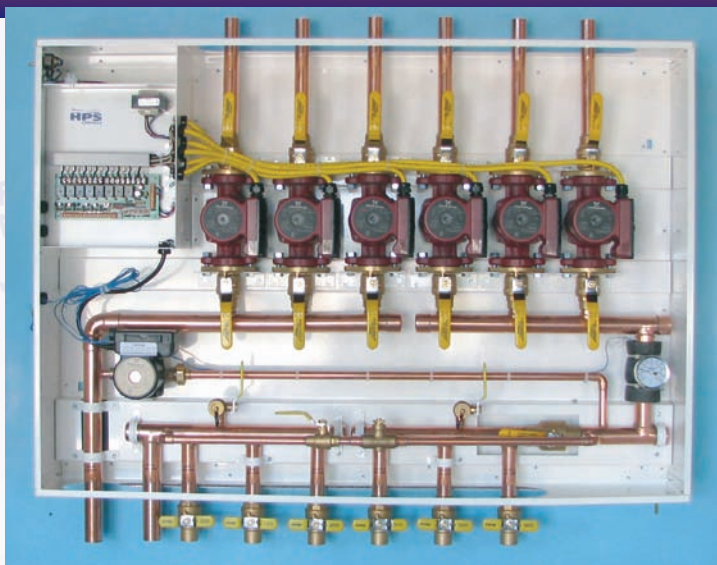
### CFV-624

**400 SERIES LFB & CFV MODELS CAN BE CUSTOMIZED TO MEET SELECT DESIGN SPECIFICATIONS**

2 - 6 ZONE STATION MODEL HOUSING  
WHITE POWDER COAT APPLIANCE FINISH  
1" FLANGE BODY PUMPS UPS15-58FC  
THERMOSTATIC 3-WAY MIXING VALVE  
ORGANIC ACID BATH POLISHED COPPER PIPING  
SYSTEM BLEED PURGE VALVE  
"ISOLATOR" BALL VALVE FLANGE SET  
RETURN ZONE BALL VALVES  
4 OR 6 ZONE ELECTRONIC RELAY CONTROL BOARD  
PRIORITY with PRIORITY SAFE FEATURE  
PUMP DUTY CYCLE TIMER OPTIONS  
OPTIONAL BOILER PROTECTION FEATURE  
LOW WATER CUTOFF 24V ACCESS OPTION  
LED INDICATOR LIGHTS  
INTEGRAL PUMP FLOW CHECK VALVES

HP400514	CFV-514	5 ZONE 1-HI 4-LO TEMP VALVE
HP400523	CFV-523	5 ZONE 2-HI 3-LO TEMP VALVE
HP400532	CFV-532	5 ZONE 3-HI 2-LO TEMP VALVE
HP400541	CFV-541	5 ZONE 4-HI 1-LO TEMP VALVE
HP400615	CFV-615	6 ZONE 1-HI 5-LO TEMP VALVE
HP400624	CFV-624	6 ZONE 2-HI 4-LO TEMP VALVE
HP400633	CFV-633	6 ZONE 3-HI 3-LO TEMP VALVE
HP400642	CFV-642	6 ZONE 4-HI 2-LO TEMP VALVE
HP400651	CFV-651	6 ZONE 5-HI 1-LO TEMP VALVE

## HPS "SERIES 600" LFI LOW TEMP PUMP INJECTION ZONE CONTROL STATIONS CFI COMBO TEMP PUMP INJECTION ZONE CONTROL STATIONS



HP600101	LFI-1	1 ZONE LOW TEMP PUMP INJECTION
HP600202	LFI-2	2 ZONE LOW TEMP PUMP INJECTION
HP600303	LFI-3	3 ZONE LOW TEMP PUMP INJECTION
HP600404	LFI-4	4 ZONE LOW TEMP PUMP INJECTION
HP600505	LFI-5	5 ZONE LOW TEMP PUMP INJECTION
HP600606	LFI-6	6 ZONE LOW TEMP PUMP INJECTION
HP600211	CFI-211	2 ZONE 1-HI 1-LO TEMP INJECTION
HP600312	CFI-312	3 ZONE 1-HI 2-LO TEMP INJECTION
HP600321	CFI-321	3 ZONE 2-HI 1-LO TEMP INJECTION
HP600413	CFI-413	4 ZONE 1-HI 3-LO TEMP INJECTION
HP600422	CFI-422	4 ZONE 2-HI 2-LO TEMP INJECTION
HP600431	CFI-431	4 ZONE 3-HI 1-LO TEMP INJECTION
HP600514	CFI-514	5 ZONE 1-HI 4-LO TEMP INJECTION
HP600523	CFI-523	5 ZONE 2-HI 3-LO TEMP INJECTION
HP600532	CFI-532	5 ZONE 3-HI 2-LO TEMP INJECTION
HP600541	CFI-541	5 ZONE 4-HI 1-LO TEMP INJECTION

### CFI-633

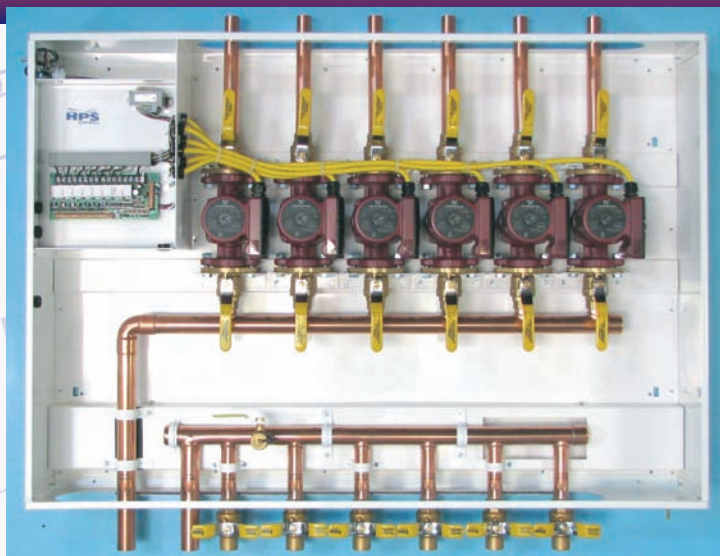
**600 SERIES LFI & CFI MODELS CAN BE CUSTOMIZED TO MEET SELECT DESIGN SPECIFICATIONS**

1 - 6 ZONE STATION MODEL HOUSING  
WHITE POWDER COAT APPLIANCE FINISH  
1" FLANGE BODY PUMPS UPS15-58FC  
VARIABLE SPEED INJECTION PUMP MIXING  
ORGANIC ACID BATH POLISHED COPPER PIPING  
SYSTEM BLEED PURGE VALVE  
"ISOLATOR" BALL VALVE FLANGE SET  
RETURN ZONE BALL VALVES  
OUTDOOR RESET CONTROL & SENSOR  
BOILER PROTECTION CONTROL & SENSOR  
MIXING THERMOMETER AND SENSOR  
4 OR 6 ZONE ELECTRONIC RELAY CONTROL BOARD  
PRIORITY with PRIORITY SAFE FEATURE  
PUMP DUTY CYCLE TIMER OPTIONS  
LOW WATER CUTOFF 24V ACCESS OPTION  
LED INDICATOR LIGHTS  
INTEGRAL PUMP FLOW CHECK VALVES

HP600615	CFI-615	6 ZONE 1-HI 5-LO TEMP INJECTION
HP600624	CFI-624	6 ZONE 2-HI 4-LO TEMP INJECTION
HP600633	CFI-633	6 ZONE 3-HI 3-LO TEMP INJECTION
HP600642	CFI-642	6 ZONE 4-HI 2-LO TEMP INJECTION
HP600651	CFI-651	6 ZONE 5-HI 1-LO TEMP INJECTION



## HPS "SERIES 700" HFS HIGH TEMP ZONE CONTROL STATIONS



### HFS-6

**700 SERIES HFS MODELS CAN BE CUSTOMIZED TO MEET SELECT DESIGN SPECIFICATIONS**

1 - 6 ZONE STATION MODEL HOUSING  
WHITE POWDER COAT APPLIANCE FINISH  
1" FLANGE BODY PUMPS UPS15-58FC  
ORGANIC ACID BATH POLISHED COPPER PIPING  
SYSTEM BLEED PURGE VALVE  
"ISOLATOR" BALL VALVE FLANGE SET  
RETURN ZONE BALL VALVES  
4 OR 6 ZONE ELECTRONIC RELAY CONTROL BOARD  
PRIORITY with PRIORITY SAFE FEATURE  
PUMP DUTY CYCLE TIMER OPTIONS  
OPTIONAL BOILER PROTECTION FEATURE  
LOW WATER CUTOFF 24V ACCESS OPTION  
LED INDICATOR LIGHTS  
INTEGRAL PUMP FLOW CHECK VALVES

HP700110	HFS-1	1 ZONE HIGH TEMP STATION
HP700220	HFS-2	2 ZONE HIGH TEMP STATION
HP700330	HFS-3	3 ZONE HIGH TEMP STATION
HP700440	HFS-4	4 ZONE HIGH TEMP STATION
HP700550	HFS-5	5 ZONE HIGH TEMP STATION
HP700660	HFS-6	6 ZONE HIGH TEMP STATION

## HPS "SERIES 800" PLS PRIMARY LOOP CONTROL STATIONS



### PLS-2LB

**800 SERIES PLS MODELS CAN BE CUSTOMIZED TO MEET SELECT DESIGN SPECIFICATIONS**

**CAN BE COUPLED OR GROUPED WITH OTHER HPS ZONE CONTROL STATIONS TO COMPLETE A SIMPLIFIED AND PROFESSIONAL LOOKING BOILER SYSTEM**

PRE-PIPED PRIMARY LOOP USED WITH PRIMARY/SECONDARY PIPED HYDRONIC SYSTEMS

AVAILABLE WITH SPECIFIED PORT LOCATIONS FOR BOTH BOILER & ZONE SUPPLY AND RETURNS

1 OR 2 PRIMARY CIRCULATORS AVAILABLE; DEPENDANT UPON DHW APPLICATION

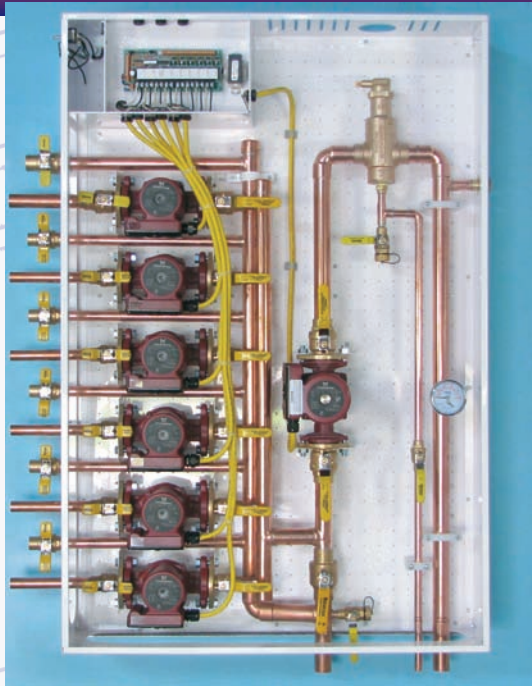
CIRCULATORS CAN BE UPGRADED TO UPS26-99FC PIPING SIZES UP TO 2"

HP800301	PLS-1RB	ONE PUMP - RIGHT BOTTOM BOILER
HP800302	PLS-1LB	ONE PUMP - LEFT BOTTOM BOILER
HP800303	PLS-1RS	ONE PUMP - RIGHT SIDE BOILER
HP800304	PLS-1LS	ONE PUMP - LEFT SIDE BOILER

HP800401	PLS-2RS	TWO PUMPS - RIGHT SIDE BOILER
HP800402	PLS-2LS	TWO PUMPS - LEFT SIDE BOILER
HP800403	PLS-2RB	TWO PUMPS - RIGHT BOTTOM BOILER
HP800404	PLS-2LB	TWO PUMPS - LEFT BOTTOM BOILER

WHITE POWER COAT APPLIANCE FINISH  
ORGANIC ACID BATH POLISHED COPPER PIPING  
1" FLANGE BODY PUMPS UPS15-58FC  
INTEGRAL PUMP FLOW CHECK VALVES  
SYSTEM BLEED PURGE VALVE  
AIR ELIMINATOR DOUBLE CHECK  
"ISOLATOR" BALL VALVE FLANGE SET

## HPS "SERIES 900" PSS PRIMARY / SECONDARY CONTROL STATIONS



### PSS-6R

**900 SERIES PSS MODELS CAN BE CUSTOMIZED TO MEET SELECT DESIGN SPECIFICATIONS**

CONSIST OF A PRE-PIPED PRIMARY LOOP & 1 - 6 SECONDARY ZONES

LEFT OR RIGHT SIDE SUPPLY AND RETURN TO A CONDENSING BOILER

4 OR 6 ZONE ELECTRONIC RELAY CONTROL BOARDS

- \* ALLOW EACH ZONE TO BE SET, SUPPLYING EITHER HIGH OR LOW TEMPERATURE OUTPUT FROM A CONDENSING BOILER
- \* ALL FIELD SETTINGS CAN BE ADJUSTED USING JUMPERS

1" FLANGE BODY PUMPS UPS15-58FC

- \* CAN BE UPGRADED TO UPS26-99FC/BFC, UPS15-55SFC OR ALPHA 15-55F PUMPS

WHITE POWDER COAT APPLIANCE FINISH

ORGANIC ACID BATH POLISHED COPPER PIPING

PRIORITY WITH "PRIORITY SAFE FEATURE"

LED INDICATOR LIGHTS

LOW WATER CUTOFF 24V ACCESS OPTION

PUMP DUTY CYCLE TIMER OPTIONS

"ISOLATOR" BALL VALVE FLANGE SET

SYSTEM PURGE VALVE

RETURN ZONE BALL VALVES

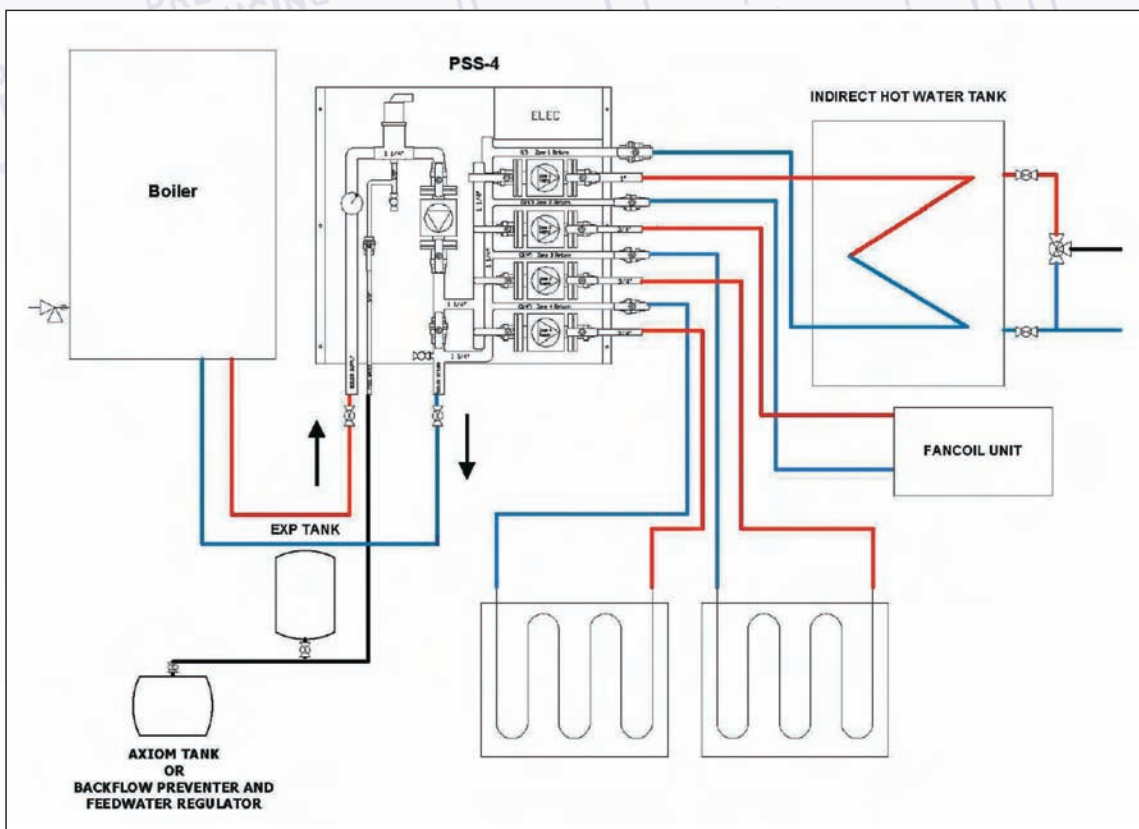
INTEGRAL PUMP FLOW CHECK VALVES

TRIDICATOR

AIR ELIMINATOR

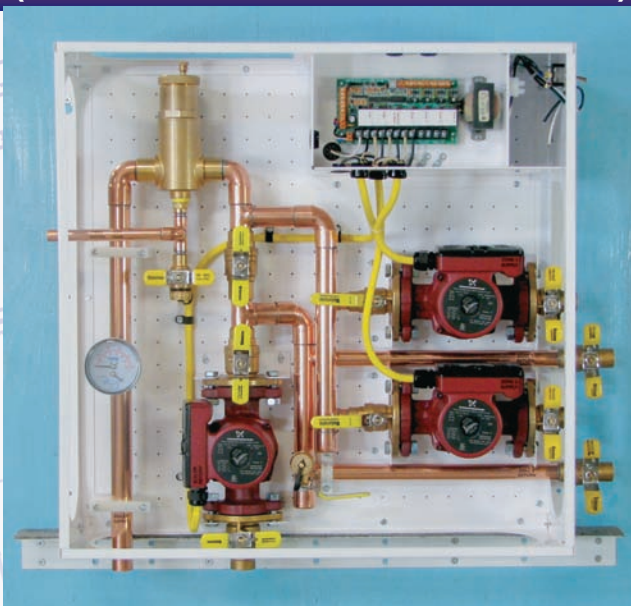
HP900200	PSS-2L	2 ZONE (LEFT SIDE BOILER)
HP900300	PSS-3L	3 ZONE (LEFT SIDE BOILER)
HP900400	PSS-4L	4 ZONE (LEFT SIDE BOILER)
HP900500	PSS-5L	5 ZONE (LEFT SIDE BOILER)
HP900600	PSS-6L	6 ZONE (LEFT SIDE BOILER)
HP900200R	PSS-2R	2 ZONE (RIGHT SIDE BOILER)
HP900300R	PSS-3R	3 ZONE (RIGHT SIDE BOILER)
HP900400R	PSS-4R	4 ZONE (RIGHT SIDE BOILER)
HP900500R	PSS-5R	5 ZONE (RIGHT SIDE BOILER)
HP900600R	PSS-6R	6 ZONE (RIGHT SIDE BOILER)

## Primary / Secondary Control Station Installation





## HPS "SERIES 900N" PSS-N PRIMARY / SECONDARY CONTROL STATIONS (SMALL CONDENSING BOILER APPLICATIONS)



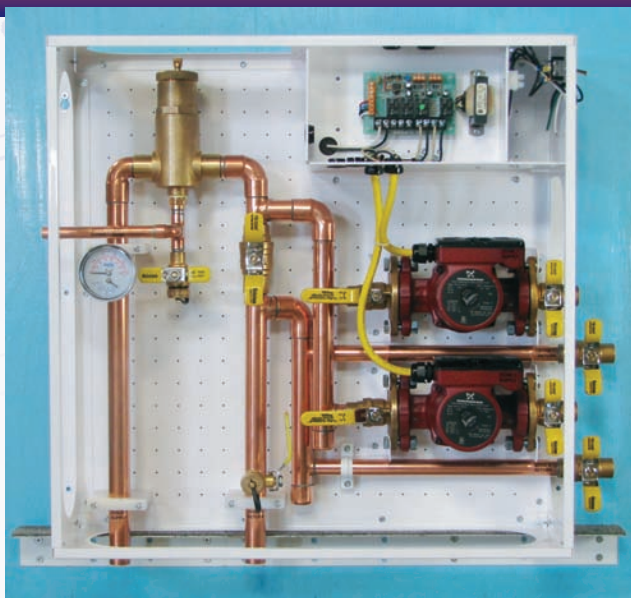
HP900100L-N	PSS-1LN	1 SECONDARY ZONE (LEFT SIDE BOILER)
HP900100R-N	PSS-1RN	1 SECONDARY ZONE (RIGHT SIDE BOILER)
HP900200L-N	PSS-2LN	2 SECONDARY ZONES (LEFT SIDE BOILER)
HP900200R-N	PSS-2RN	2 SECONDARY ZONES (RIGHT SIDE BOILER)

### PSS-2LN

#### 900N SERIES PSS-N MODELS CAN BE CUSTOMIZED TO MEET SELECT DESIGN SPECIFICATIONS

CONSISTS OF A PRE-PIPED PRIMARY LOOP AND THE CHOICE OF 1 OR 2 SECONDARY ZONES  
LEFT OR RIGHT SIDE SUPPLY AND RETURN TO A CONDENSING BOILER  
27" X 25" X 8.5" BOX FOR WALL MOUNT  
WHITE POWDER COAT APPLIANCE FINISH  
ORGANIC ACID BATH POLISHED COPPER PIPING  
ELECTRONIC RELAY CONTROL BOARD ALLOW EACH ZONE TO BE SET, SUPPLYING EITHER HIGH OR LOW TEMPERATURE OUTPUT FROM A CONDENSING BOILER  
ALL FIELD SETTINGS CAN BE ADJUSTED USING JUMPERS  
PRIORITY WITH "PRIORITY SAFE FEATURE"  
PUMP DUTY CYCLE TIMER OPTIONS  
LED INDICATOR LIGHTS  
3/4" & 1" FLANGE BODY PUMPS GRUNDFOS "UPS15-58FC"  
STANDARD - CAN BE UPGRADED TO UPS26-99FC/BFC, UPS15-55SFC OR ALPHA 15-55F PUMPS  
"ISOLATOR" BALL VALVES  
SYSTEM PURGE VALVE  
RETURN ZONE BALL VALVES  
INTEGRAL PUMP FLOW CHECK VALVES  
TRIDICATOR

## HPS "SERIES 900T" PSS-T PRIMARY / SECONDARY CONTROL STATIONS (NO PRIMARY PUMP)



HP900100L-T	PSS-1LT	1 SECONDARY ZONE (LEFT SIDE BOILER)
HP900100R-T	PSS-1RT	1 SECONDARY ZONE (RIGHT SIDE BOILER)
HP900200L-T	PSS-2LT	2 SECONDARY ZONES (LEFT SIDE BOILER)
HP900200R-T	PSS-2RT	2 SECONDARY ZONES (RIGHT SIDE BOILER)

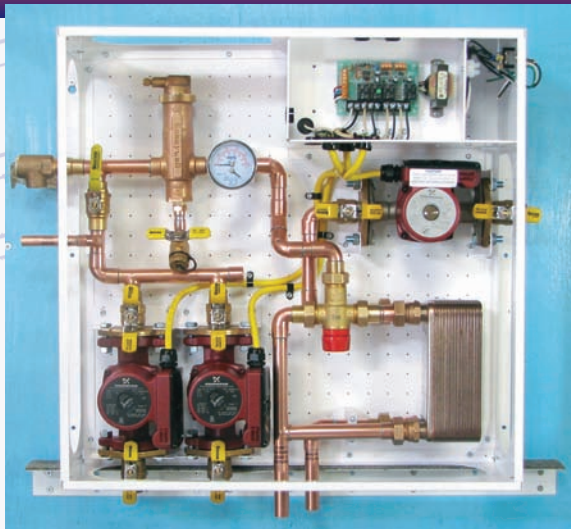
### PSS-2LT

#### 900T SERIES PSS-T MODELS CAN BE CUSTOMIZED TO MEET SELECT DESIGN SPECIFICATIONS

WORKS WELL WITH ANY HEATING SOURCE WITH A BUILT IN PRIMARY CIRCULATOR  
CONSIST OF A PRE-PIPED PRIMARY LOOP AND THE CHOICE OF 1 OR 2 SECONDARY ZONES  
LEFT OR RIGHT SIDE MAIN SUPPLY AND RETURN CONNECTIONS  
27" X 25" X 8.5" BOX FOR WALL MOUNT  
WHITE POWDER COAT APPLIANCE FINISH  
ORGANIC ACID BATH POLISHED COPPER PIPING  
2 ZONE ELECTRONIC RELAY CONTROL BOARD  
PRIORITY WITH "PRIORITY SAFE FEATURE"  
PUMP DUTY CYCLE TIMER OPTIONS  
LED INDICATOR LIGHTS  
3/4" & 1" FLANGE BODY PUMPS GRUNDFOS "UPS15-58FC"  
STANDARD - CAN BE UPGRADED TO UPS26-99FC/BFC, UPS15-55SFC OR ALPHA 15-55F PUMPS  
"ISOLATOR" BALL VALVES  
SYSTEM PURGE VALVE  
RETURN ZONE BALL VALVES  
INTEGRAL PUMP FLOW CHECK VALVES  
TRIDICATOR  
AIR ELIMINATOR



## HPS "SERIES 1000" HES HEAT EXCHANGER CONTROL STATIONS



ONE HEATING CIRCULATOR:

HP100020-1	HES-20-1	HES-20 PLATE
HP100030-1	HES-30-1	HES-30 PLATE
HP100050-1	HES-50-1	HES-50 PLATE
HP100020-1V	HES-20-1V	HES-20 PLATE WITH MIXING VALVE
HP100030-1V	HES-30-1V	HES-30 PLATE WITH MIXING VALVE
HP100050-1V	HES-50-1V	HES-50 PLATE WITH MIXING VALVE

TWO HEATING CIRCULATORS:

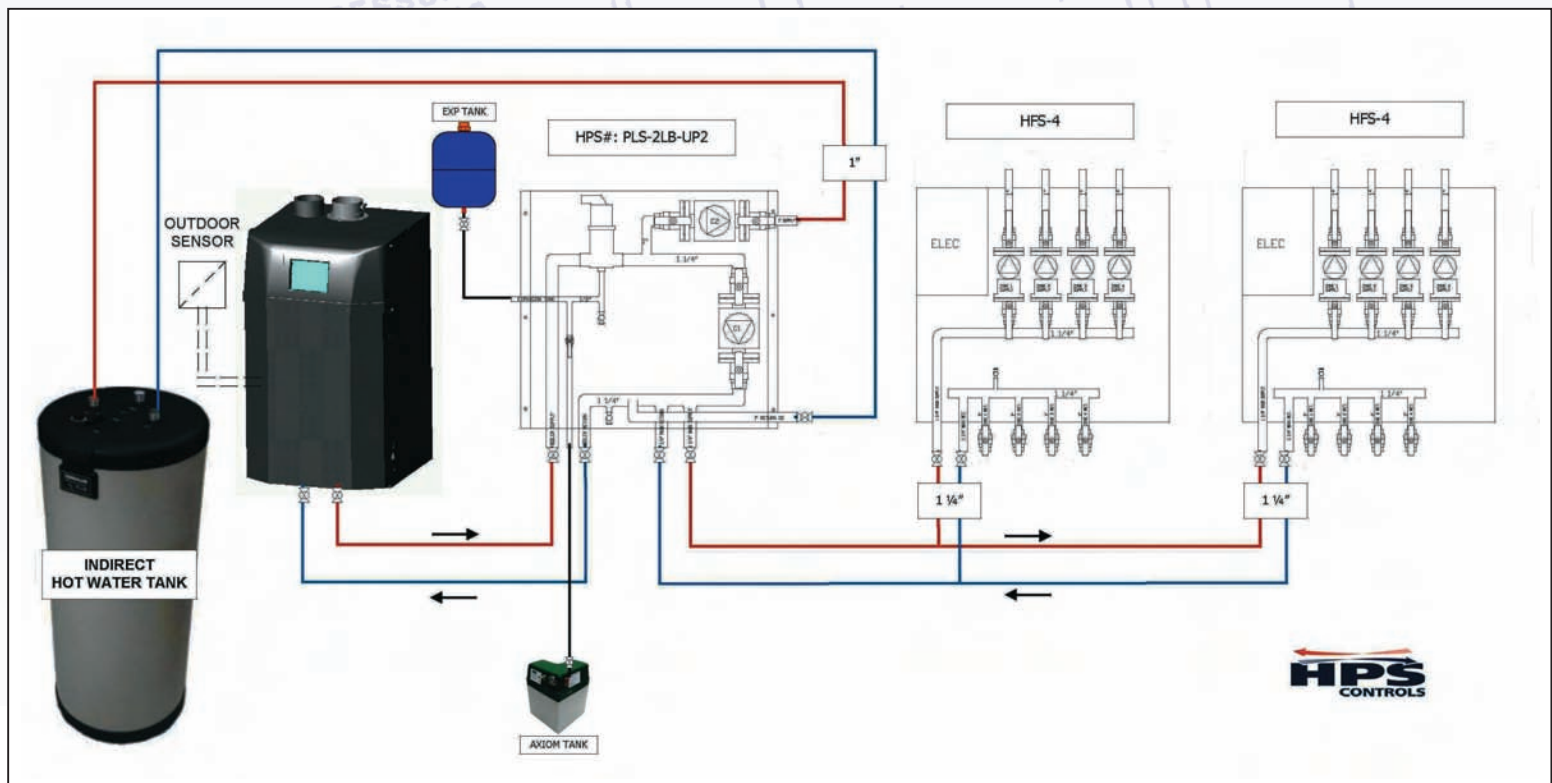
HP100020-2	HES-20-2	HES-20 PLATE
HP100030-2	HES-30-2	HES-30 PLATE
HP100050-2	HES-50-2	HES-50 PLATE
HP100020-2V	HES-20-2V	HES-20 PLATE WITH MIXING VALVE
HP100030-2V	HES-30-2V	HES-30 PLATE WITH MIXING VALVE
HP100050-2V	HES-50-2V	HES-50 PLATE WITH MIXING VALVE

### HES-30-2V

**1000 SERIES HES MODELS CAN BE CUSTOMIZED TO MEET SELECT DESIGN SPECIFICATIONS**

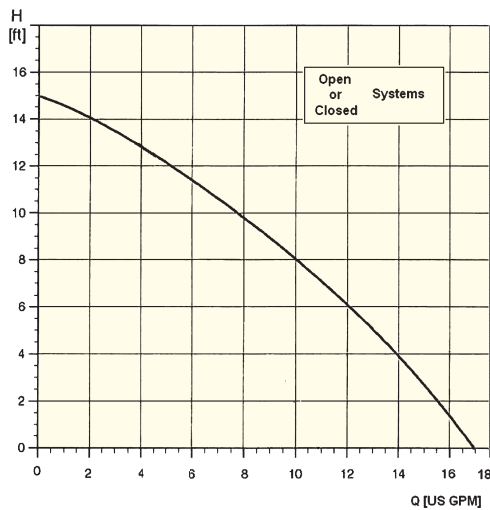
USED FOR SEPARATING HYDRONIC SYSTEMS  
 CONSIST OF A PRE-PIPED AND PRE-WIRED UNIT TO BE USED  
 WITH PRIMARY/SECONDARY PIPED HYDRONIC SYSTEMS  
 DIMENSIONS: 27" X 26" X 8.5"  
 WHITE POWDER COAT APPLIANCE FINISH  
 ORGANIC ACID BATH POLISHED COPPER PIPING  
 AVAILABLE WITH A 20, 30 OR 50 PLATE HEAT EXCHANGER  
 COMES WITH ONE OR TWO HEATING ZONES AND A PRIMARY  
 DOMESTIC CIRCULATOR  
 AVAILABLE WITH OR WITHOUT A HEATING MIXING VALVE  
 3/4" FLANGE BODY PUMPS UPS 15-58FC ON HEATING SIDE OF  
 EXCHANGER & UPS 15-55SFC (STAINLESS) ON DOMESTIC SIDE.  
 PUMPS CAN BE UPGRADED.  
 ELECTRONIC RELAY CONTROL BOARD  
 PUMP DUTY CYCLE TIMER OPTIONS  
 LED INDICATOR LIGHTS  
 SYSTEM BLEED PURGE VALVE  
 RETURN BALL VALVES  
 INTEGRAL PUMP FLOW CHECK VALVES  
 T&P VALVE  
 AIR ELIMINATOR  
 TRIDICATOR

## Multiple Control Station Installation

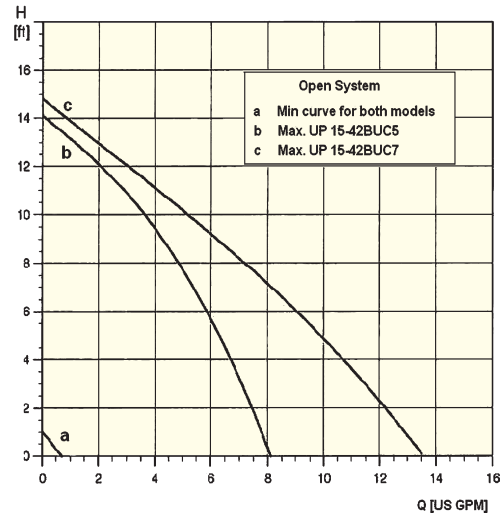


# GRUNDFOS PUMP CURVES

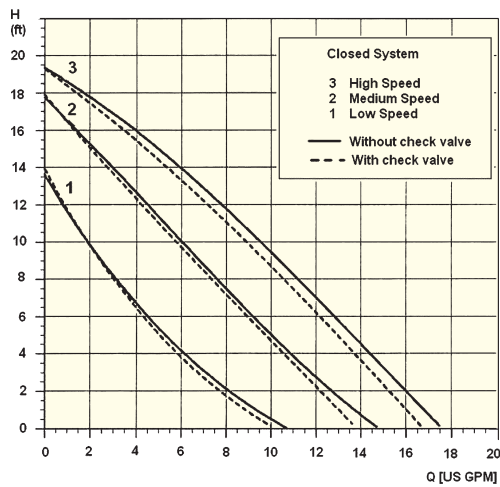
UP 15-42 RUC7



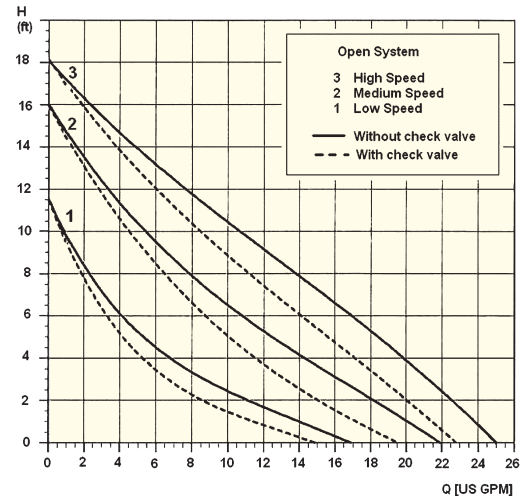
UP 15-42BUC5/MR and BUC7/MR



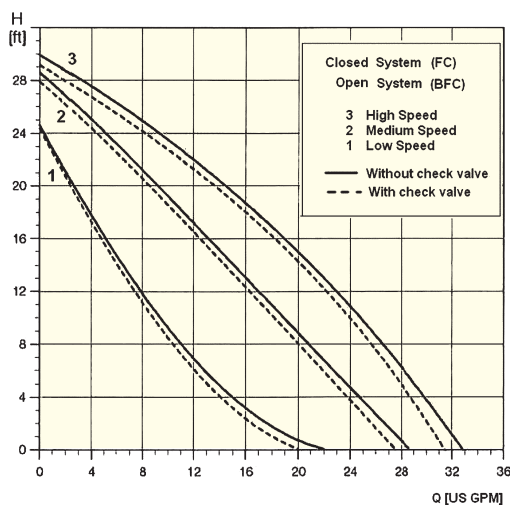
UPS 15-58FC/FRC Super Brute



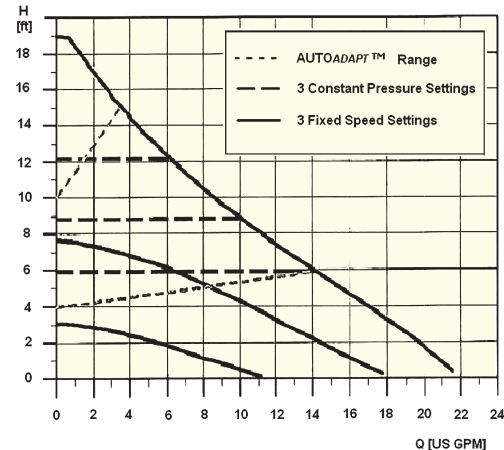
UPS 15-55SFC/SUC Super Brute



UPS 26-99FC/BFC Super Brute



ALPHA 15-55F







## Select - A - Design

Any Pump, Any Zone, Any Design...You Select!

UPS15-55FSC  
Stainless Upgrade



UPS15-58FC  
Cast Iron Standard



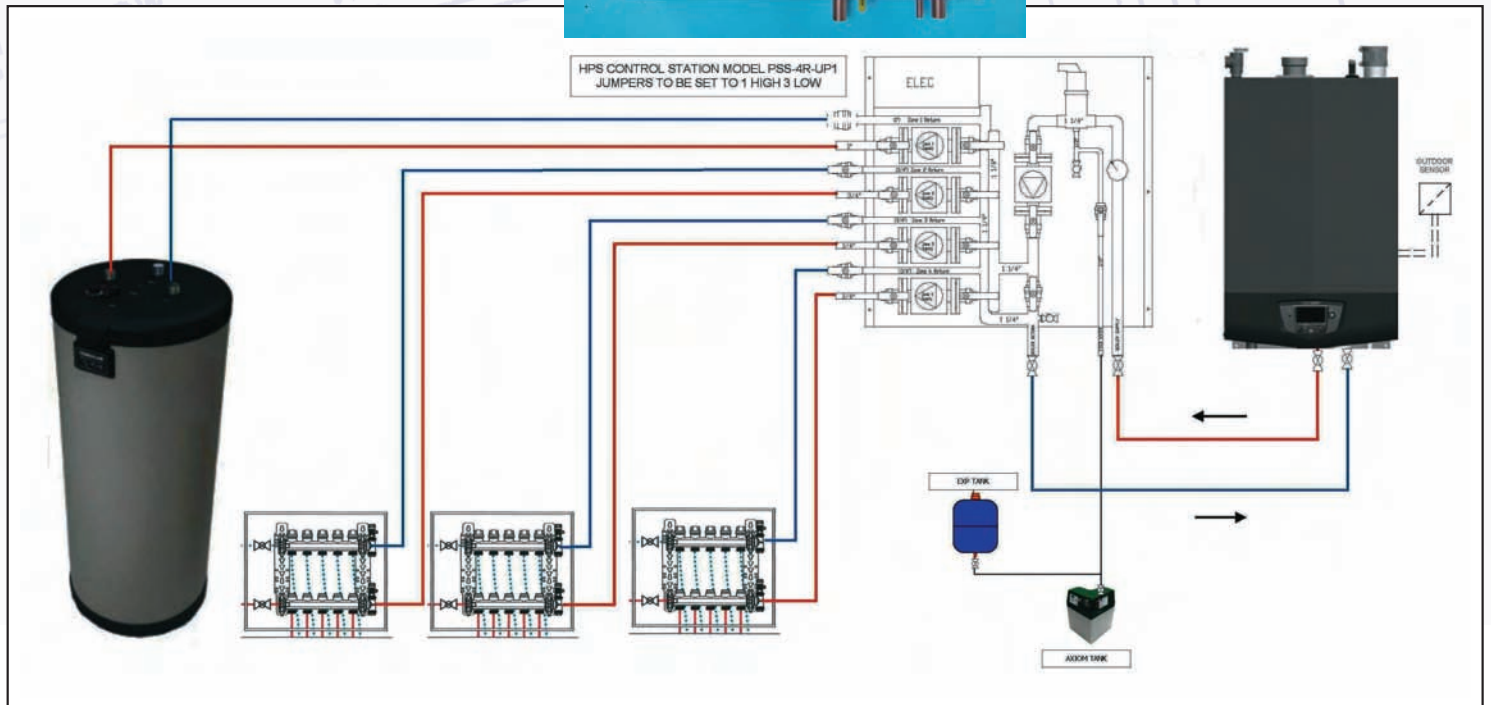
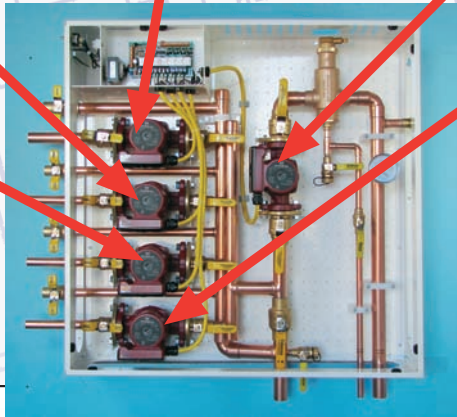
UPS26-99BFC  
Bronze Upgrade



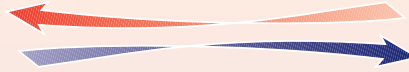
UPS26-99FC  
Cast Iron Upgrade



ALPHA  
15-55F  
AutoAdapt Function



## LIMITED MANUFACTURER'S WARRANTY



We warrant products manufactured by HPS Controls to be free from defects for a period of one year from the date of purchase. In the event of any claim under this warranty or otherwise with respect to our products which is made within such period, we will, at our option, repair or replace such products or refund the purchase price paid to us by you for such products. In no event shall HPS Controls be liable for any other loss or damage, whether direct, indirect, incidental, or consequential. This warranty is your exclusive remedy and shall be in place of any other warranty or guarantee, express or implied, including, without limitation, any warranty of merchantability or fitness for a particular purpose. This warranty may not be assigned or transferred and any unauthorized transfer or assignment thereof shall be void and of no force or effect.



**For more information  
about our Hydronic Pump Zone Control Stations  
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