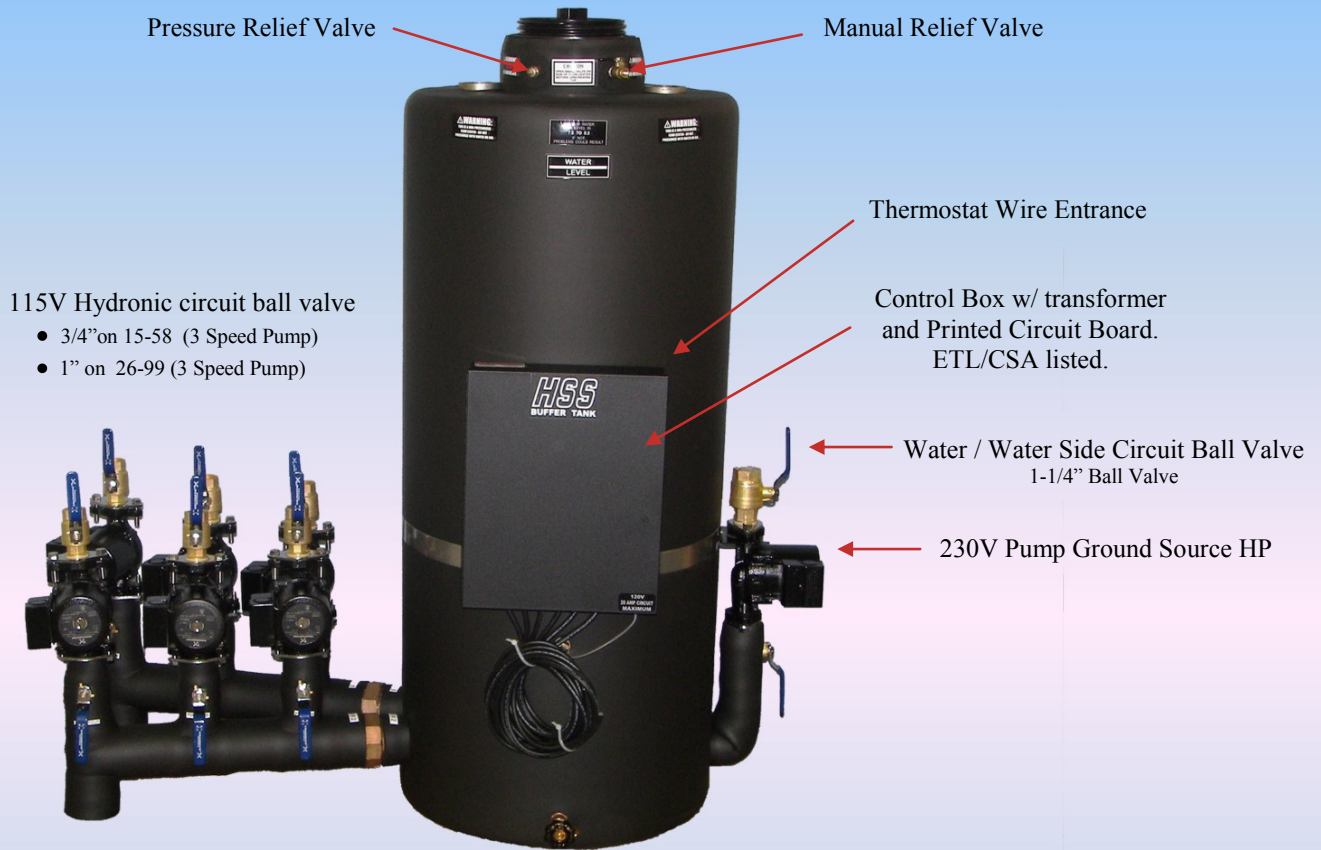


## FLOW CENTERS: HSS® SERIES

# A NON-PRESSURIZED STAINLESS STEEL BUFFER TANK FOR HYDRONIC HEAT!



### B&D Designed Controls



### \*\*\*CUSTOM TANKS MADE TO ORDER\*\*\*

- Available Sizes: 12, 20, 30, 40, 60 & 80 Gallon Tanks
- Available in Heating Only or Heating & Cooling Setups
- Single Stage or 2 Stage Controls Available.
- Water Temperature not to exceed 150 degree.
- Designed for 6 to 10 gallons per ton.
- 230V Pumps on Water to Water Side (Multiple Pump Options)
- 115V Pumps on Hydronic Side (Multiple Pump Options)

Call For Your Custom Quote Today



ALL THE "PUMP" YOU NEED AND MORE

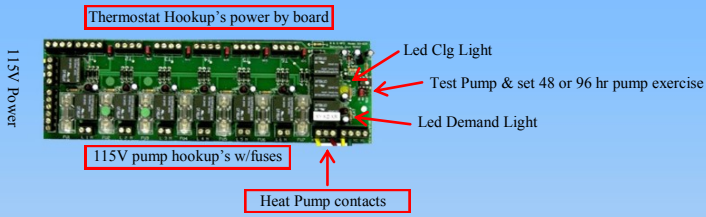
18

1-866-646-6724

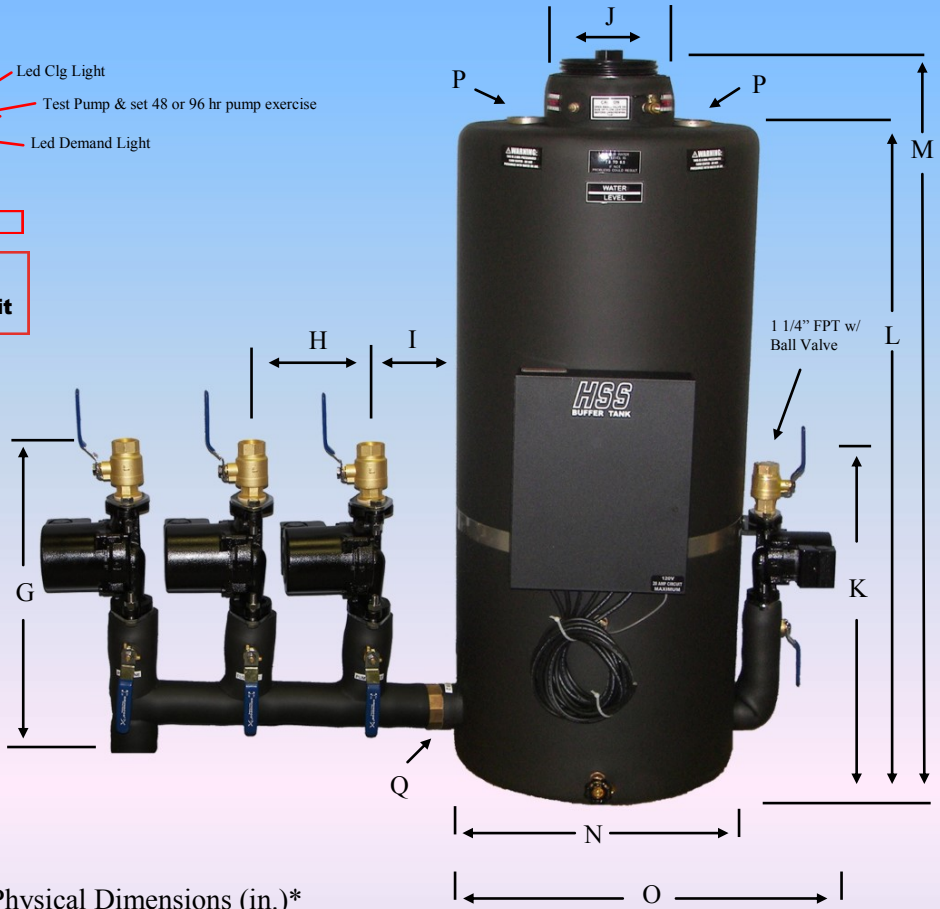
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# FLOW CENTERS: HSS® SERIES SPECIFICATIONS



Control Board Electrical Data:  
115V/Single Phase 15 amp Circuit



HSS® BUFFER TANK Flow Center Physical Dimensions (in.)\*

Max Gallon Storage	Max Hydronic Circuits	Max Water/Water Circuits	G	H	I	J	K	L	M	N	O	P	Q	Wt Tank
12	3	1	21"	7 1/2"	7"	9"	24"	49"	57 1/2"	10"	17"	1-1/4" MPT	2" Union	30#
20	6	2	21"	7 1/2"	7"	9"	24"	49"	57 1/2"	13"	20"	1-1/4" MPT	2" Union	38#
30	9	3	21"	7 1/2"	7"	9"	24"	49"	54"	16"	23"	1 1/2" FPT	2" Union	52#
40	12	3	21"	7 1/2"	7"	9"	24"	49"	54"	18"	25"	2" FPT	2" Union	60#
60	12	4	21"	7 1/2"	7"	9"	24"	49"	54"	22"	29"	2" FPT	2" Union	84#
80	12	4	21"	7 1/2"	7"	9"	24"	49"	54"	25"	31"	2" FPT	2" Union	97#

\* Dimensions are approximate

**Warning: HSS® Buffer Tank should never be used with an outdoor wood boiler.**  
Outdoor wood boilers can produce water temperatures above 150 degrees and will void ALL WARRANTIES.



ALL THE "PUMP" YOU NEED AND MORE

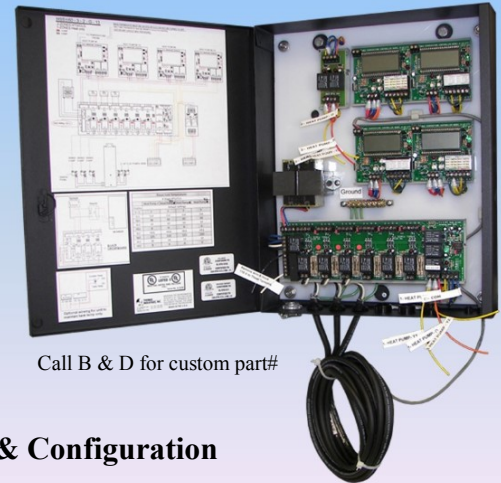
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## HSS® CONTROL PANEL

Need just controls? We got you covered! The HSS Controls are available without a Tank purchase

### HSS® Control Panel Details

- 1 Control package connects up to 4 devices
- Pre-wired to accommodate 2, 3 or 4 equipment applications
- Easy adjustment for rotating operation of 2, 3 or 4 devices
- Field adjustable settings for Dual-Stage time delay
- Easy-to-Mount for added location flexibility
- Control Box Dimensions 15" H x 12" W x 3" D
- Easy to install on pre-existing HSS Buffer Tank System
- B & D Designed Controls
- Wiring decal provided with all units



Call B & D for custom part#

**Call for HSS® Control Panel Build Sheet & Configuration**



## ROTATIONAL CONTROL PANEL

Increase the functionality of your entire system by incorporating rotational start of equipment!

### Rotational Control Panel Details

- 1 Control package connects up to 4 devices
- Pre-wired to accommodate 2, 3 or 4 equipment applications
- Easy adjustment for rotating operation of 2, 3 or 4 devices
- Field adjustable settings for Dual-Stage time delay
- Easy-to-Mount for added location flexibility
- Control Box Dimensions 15" H x 12" W x 3" D
- Easy to install on pre-existing HSS Buffer Tank System
- B & D Designed Controls
- Wiring decal provided with all units

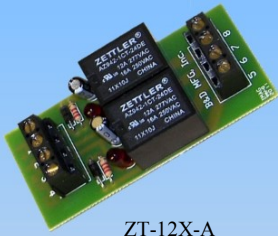


B & D PART# BDCB-RC4HP

**Call for Additional Rotational Control Panel Information**



# HSS® SERIES: CONTROLS & ACCESSORIES



ZT-12X-A



WD17535



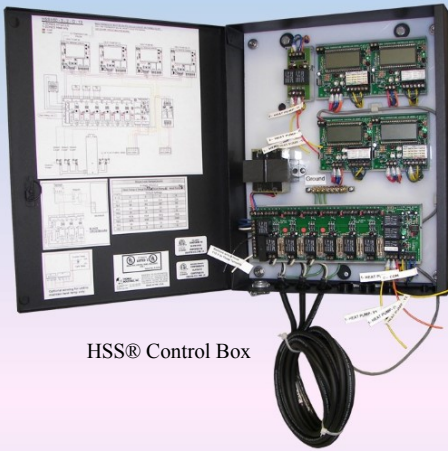
BC6



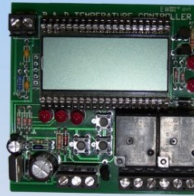
2876710



B2-30T



HSS® Control Box



H2-2TC



FUSE



B3-6CR

Size	Part Number
DIGITAL THERMOMETER	WD17535
30 MINUTE ADJUSTABLE TIMER (AIR HANDLER)	B2-30T
4 CIRCUIT, RELAY BOARD (AIR HANDLER)	ZT-4X-60
24V 50 VA 208/240V TRANSFORMER (AIR HANDLER)	HCT-09D0K04164
HSS® CONTROL BOX – CALL FOR CONFIGURATION QUOTE	CALL FOR PRICING
PUMP CONTROLLER RELAY (BUFFER TANK)	B3-6CR
2-STAGE ELECT TEMP CONTROLLER (BUFFER TANK)	H2-2TC
24V 50 VA 120V TRANSFORMER (BUFFER TANK)	2876710
2 CIRCUIT, RELAY BOARD (BUFFER TANK)	ZT-12X-A
THERMISTOR 6' CABLE	BC6
3 AMP FUSE	740-0551
1 AMP FUSE	740-5189

Call for availability if extra fuses are needed.



ALL THE "PUMP" YOU NEED AND MORE

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**FLUSH CARTS: 1.5 HP, 2 HP**

1 1/4" Full Port Ball Valves With 1" Hoses

1 1/4" Full Port Ball Valves With 1 1/4" Hoses

Anti-freeze Flush Drain

1.5 HP Motor 115V

Pump 60 gpm @ 68 FT Head

2 HP Motor 115V

Pump 90 gpm @ 62 FT Head

**FLUSH CART 1.5HP**  
WEIGHT: 192 lbs W/ HOSES

**FLUSH CART 2HP**  
WEIGHT: 196 lbs W/ HOSES

**Flush Cart Features**

- 10 Gallon Tank Volume
- 14 Gauge Stainless Steel Tank
- Lift Out Filter Screen
- Factory Mounted to Heavy Duty Cart
- 13" Flat Free Wheels
- Stainless Steel Piping
- Quick Connect Couplings
- 2 - 10ft Hoses
- Gravity Drain / Pressure Drain
- Water Tight On / Off Switch Box
- Hose Bracket Mount
- Accessories Available

Size	Part Number
SS FLUSH CART 1.5 HP	GT304SS1.5
SS FLUSH CART 2 HP	GT304SS2



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