



# 2 PORT HOT WATER BUFFER

HWBT Series for Hot Water Systems ASME

125 PSIG Working Pressure

## Construction

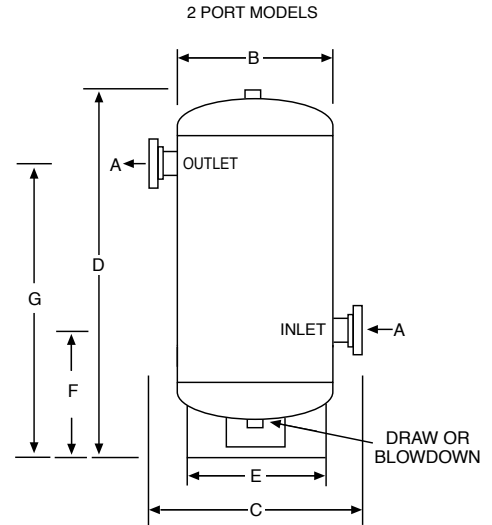
Body	ASME Approved Steel
Flanges	ASME Class 150
Paint	Red Oxide Primer
Auxiliary Connection	Top Vent & Bottom Drain Standard

## Performance

Maximum Operating Temperature	450° F / 232°C
Maximum Working Pressure	125 psi / 8.8 Bar
Warranty	1-Year

## Application

- For use in hydronic systems.
- Designed and constructed per ASME Code Section VIII, Division 1.
- Available with optional seismic restraints.



## ASME Models

Model Number	Number of Ports	Volume Gal	Dimensions								Shipping Weight	
			Conn. Size A	B	C	D	E	F	G	H	Lbs	Kg
			In	In	In	In	In	In	In	In		
HWBT120-2-125	2	120	2	24	33 $\frac{3}{8}$	55 $\frac{3}{4}$	16	15	45	-	254	115
HWBT120-3-125	2	120	3	24	33 $\frac{3}{8}$	55 $\frac{3}{4}$	16	15	45	-	268	122
HWBT200-2-125	2	200	2	30	39	62 $\frac{1}{2}$	24	21 $\frac{1}{2}$	45 $\frac{1}{2}$	-	475	216
HWBT200-3-125	2	200	3	30	39 $\frac{3}{8}$	62 $\frac{1}{2}$	24	21 $\frac{1}{2}$	45 $\frac{1}{2}$	-	490	222
HWBT300-2-125	2	300	2	36	45 $\frac{1}{8}$	80 $\frac{3}{8}$	30	32 $\frac{1}{4}$	61 $\frac{1}{4}$	-	668	303
HWBT300-2.5-125	2.5	300	2.5	36	45 $\frac{1}{8}$	80 $\frac{3}{8}$	30	32 $\frac{1}{8}$	61	-	677	307
HWBT300-3-125	2	300	3	36	45 $\frac{1}{8}$	80 $\frac{3}{8}$	30	32 $\frac{1}{8}$	61	-	683	310

All dimensions and weights are approximate.

Job Name _____	Notes _____
Engineer _____	_____
Contractor _____	_____
P.O. No. _____	_____
Sales Rep. _____	_____
Model No. _____	_____





# 2 PORT HOT WATER BUFFER

HWBT Series for Hot Water Systems ASME

150 PSIG Working Pressure

## Construction

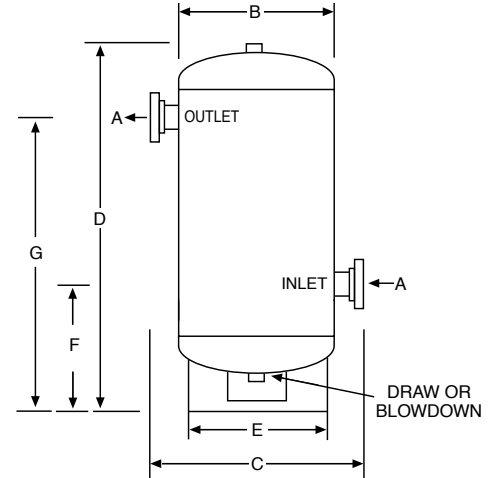
Body	ASME Approved Steel
Flanges	ASME Class 150
Paint	Red Oxide Primer
Auxiliary Connection	Top Vent & Bottom Drain Standard

## Performance

Maximum Operating Temperature	450° F / 232°C
Maximum Working Pressure	150 psi / 10.5 Bar
Warranty	1-Year

## Application

- For use in hydronic systems.
- Designed and constructed per ASME Code Section VIII, Division 1.
- Available with optional seismic restraints.



## ASME Models

Model Number	Number of Ports	Volume Gal	Dimensions								Shipping Weight	
			Conn. Size A	B	C	D	E	F	G	H	Lbs	Kg
			In	In	In	In	In	In	In	In		
HWBT120-2-150	2	120	2	24	33 $\frac{1}{8}$	55 $\frac{3}{4}$	16	15	45	-	279	127
HWBT120-3-150	2	120	3	24	33 $\frac{1}{8}$	55 $\frac{3}{4}$	16	15	45	-	295	134
HWBT200-2-150	2	200	2	30	39	62 $\frac{1}{2}$	24	21 $\frac{1}{2}$	45 $\frac{1}{2}$	-	523	237
HWBT200-3-150	2	200	3	30	39 $\frac{1}{8}$	62 $\frac{1}{2}$	24	21 $\frac{1}{2}$	45 $\frac{1}{2}$	-	539	244
HWBT300-2-150	2	300	2	36	45 $\frac{1}{8}$	80 $\frac{3}{8}$	30	32 $\frac{1}{4}$	61 $\frac{1}{4}$	-	735	333
HWBT300-2.5-150	2.5	300	2.5	36	45 $\frac{1}{8}$	80 $\frac{3}{8}$	30	32 $\frac{1}{8}$	61	-	745	338
HWBT300-3-150	2	300	3	36	45 $\frac{1}{8}$	80 $\frac{3}{8}$	30	32 $\frac{1}{8}$	61	-	751	341

All dimensions and weights are approximate.

Job Name _____	Notes _____
Engineer _____	_____
Contractor _____	_____
P.O. No. _____	_____
Sales Rep. _____	_____
Model No. _____	_____





# 4 PORT HOT WATER BUFFER

HWBT Series for Hot Water Systems ASME

125 PSIG Working Pressure

## Construction

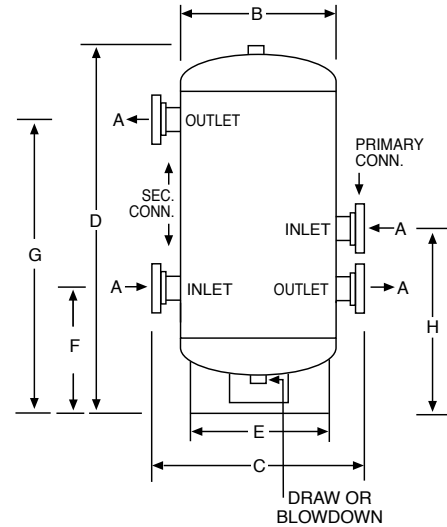
Body	ASME Approved Steel
Flanges	ASME Class 150
Paint	Red Oxide Primer
Auxiliary Connection	Top Vent & Bottom Drain Standard

## Performance

Maximum Operating Temperature	450° F / 232°C
Maximum Working Pressure	125 psi / 8.8 Bar
Warranty	1-Year

## Application

- For use in hydronic systems.
- Designed and constructed per ASME Code Section VIII, Division 1.
- Available with optional seismic restraints.



## ASME Models

Model Number	Number of Ports	Volume Gal	Dimensions								Shipping Weight	
			A	B	C	D	E	F	G	H	Lbs	Kg
			Conn. In Pri./Sec.	In	In	In	In	In	In	In		
HWBT120-2/2-125	4	120	2/2	24	33 <sup>3</sup> / <sub>8</sub>	55 <sup>3</sup> / <sub>4</sub>	16	15	45	27	267	121
HWBT120-2/3-125	4	120	2/3	24	33 <sup>3</sup> / <sub>8</sub>	55 <sup>3</sup> / <sub>4</sub>	16	15	45	27	282	128
HWBT120-3/3-125	4	120	3/3	24	33 <sup>3</sup> / <sub>8</sub>	55 <sup>3</sup> / <sub>4</sub>	16	15	45	27	297	135
HWBT120-4/4-125	4	120	4/4	24	33 <sup>3</sup> / <sub>8</sub>	55 <sup>3</sup> / <sub>4</sub>	16	15 <sup>1</sup> / <sub>2</sub>	44 <sup>1</sup> / <sub>2</sub>	27 <sup>1</sup> / <sub>2</sub>	338	153
HWBT120-6/6-125	4	120	6/6	24	33 <sup>3</sup> / <sub>8</sub>	55 <sup>3</sup> / <sub>4</sub>	16	15 <sup>1</sup> / <sub>2</sub>	44 <sup>1</sup> / <sub>2</sub>	27 <sup>1</sup> / <sub>2</sub>	356	161
HWBT200-2/2-125	4	200	2/2	30	39	62 <sup>1</sup> / <sub>2</sub>	24	21 <sup>1</sup> / <sub>2</sub>	45 <sup>1</sup> / <sub>2</sub>	35 <sup>1</sup> / <sub>2</sub>	489	222
HWBT200-2/3-125	4	200	2/3	30	39	62 <sup>1</sup> / <sub>2</sub>	24	21 <sup>1</sup> / <sub>2</sub>	45 <sup>1</sup> / <sub>2</sub>	35 <sup>1</sup> / <sub>2</sub>	503	228
HWBT200-3/3-125	4	200	3/3	30	39 <sup>3</sup> / <sub>8</sub>	62 <sup>1</sup> / <sub>2</sub>	24	21 <sup>1</sup> / <sub>2</sub>	45 <sup>1</sup> / <sub>2</sub>	35 <sup>1</sup> / <sub>2</sub>	518	235
HWBT200-4/4-125	4	200	4/4	30	39 <sup>3</sup> / <sub>8</sub>	62 <sup>1</sup> / <sub>2</sub>	24	21 <sup>1</sup> / <sub>2</sub>	45 <sup>1</sup> / <sub>2</sub>	35 <sup>1</sup> / <sub>2</sub>	560	254
HWBT300-2/2-125	4	300	2/2	36	45 <sup>3</sup> / <sub>8</sub>	80 <sup>3</sup> / <sub>8</sub>	30	32 <sup>1</sup> / <sub>4</sub>	61 <sup>1</sup> / <sub>4</sub>	48 <sup>1</sup> / <sub>4</sub>	682	309
HWBT300-2/3-125	4	300	2/3	36	45 <sup>3</sup> / <sub>8</sub>	80 <sup>3</sup> / <sub>8</sub>	30	32 <sup>1</sup> / <sub>8</sub>	61	48 <sup>1</sup> / <sub>8</sub>	696	316
HWBT300-3/3-125	4	300	3/3	36	45 <sup>3</sup> / <sub>8</sub>	80 <sup>3</sup> / <sub>8</sub>	30	32 <sup>1</sup> / <sub>8</sub>	61	48 <sup>1</sup> / <sub>8</sub>	711	323
HWBT300-4/4-125	4	300	4/4	36	45 <sup>3</sup> / <sub>8</sub>	80 <sup>3</sup> / <sub>8</sub>	30	32 <sup>1</sup> / <sub>8</sub>	61	48 <sup>1</sup> / <sub>8</sub>	753	342

All dimensions and weights are approximate.

Job Name _____	Notes _____
Engineer _____	_____
Contractor _____	_____
P.O. No. _____	_____
Sales Rep. _____	_____
Model No. _____	_____





# 4 PORT HOT WATER BUFFER

HWBT Series for Hot Water Systems ASME

150 PSIG Working Pressure

## Construction

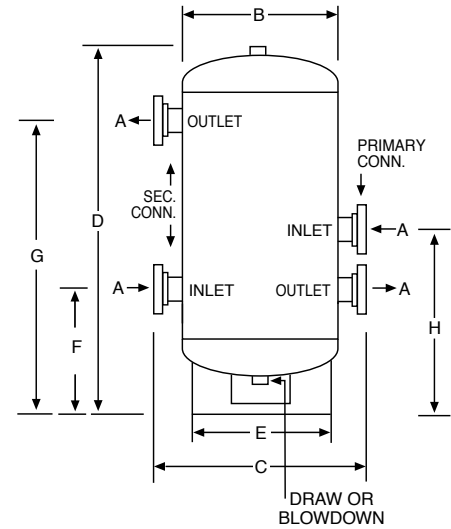
Body	ASME Approved Steel
Flanges	ASME Class 150
Paint	Red Oxide Primer
Auxiliary Connection	Top Vent & Bottom Drain Standard

## Performance

Maximum Operating Temperature	450° F / 232°C
Maximum Working Pressure	150 psi / 10.5 Bar
Warranty	1-Year

## Application

- For use in hydronic systems.
- Designed and constructed per ASME Code Section VIII, Division 1.
- Available with optional seismic restraints.



## ASME Models

Model Number	Number of Ports	Volume Gal	Dimensions								Shipping Weight	
			A	B	C	D	E	F	G	H	Lbs	Kg
			Conn. In Pri./Sec.	In	In	In	In	In	In	In		
HWBT120-2/2-150	4	120	2/2	24	33 <sup>1</sup> / <sub>8</sub>	55 <sup>3</sup> / <sub>4</sub>	16	15	45	27	294	133
HWBT120-2/3-150	4	120	2/3	24	33 <sup>1</sup> / <sub>8</sub>	55 <sup>3</sup> / <sub>4</sub>	16	15	45	27	310	141
HWBT120-3/3-150	4	120	3/3	24	33 <sup>1</sup> / <sub>8</sub>	55 <sup>3</sup> / <sub>4</sub>	16	15	45	27	327	148
HWBT120-4/4-150	4	120	4/4	24	33 <sup>1</sup> / <sub>8</sub>	55 <sup>3</sup> / <sub>4</sub>	16	15 <sup>1</sup> / <sub>2</sub>	44 <sup>1</sup> / <sub>2</sub>	27 <sup>1</sup> / <sub>2</sub>	372	169
HWBT120-6/6-150	4	120	6/6	24	33 <sup>1</sup> / <sub>8</sub>	55 <sup>3</sup> / <sub>4</sub>	16	15 <sup>1</sup> / <sub>2</sub>	44 <sup>1</sup> / <sub>2</sub>	27 <sup>1</sup> / <sub>2</sub>	392	178
HWBT200-2/2-150	4	200	2/2	30	39	62 <sup>1</sup> / <sub>2</sub>	24	21 <sup>1</sup> / <sub>2</sub>	45 <sup>1</sup> / <sub>2</sub>	35 <sup>1</sup> / <sub>2</sub>	538	244
HWBT200-2/3-150	4	200	2/3	30	39	62 <sup>1</sup> / <sub>2</sub>	24	21 <sup>1</sup> / <sub>2</sub>	45 <sup>1</sup> / <sub>2</sub>	35 <sup>1</sup> / <sub>2</sub>	553	251
HWBT200-3/3-150	4	200	3/3	30	39 <sup>1</sup> / <sub>8</sub>	62 <sup>1</sup> / <sub>2</sub>	24	21 <sup>1</sup> / <sub>2</sub>	45 <sup>1</sup> / <sub>2</sub>	35 <sup>1</sup> / <sub>2</sub>	570	259
HWBT200-4/4-150	4	200	4/4	30	39 <sup>1</sup> / <sub>8</sub>	62 <sup>1</sup> / <sub>2</sub>	24	21 <sup>1</sup> / <sub>2</sub>	45 <sup>1</sup> / <sub>2</sub>	35 <sup>1</sup> / <sub>2</sub>	617	280
HWBT300-2/2-150	4	300	2/2	36	45 <sup>1</sup> / <sub>8</sub>	80 <sup>3</sup> / <sub>8</sub>	30	32 <sup>1</sup> / <sub>4</sub>	61 <sup>1</sup> / <sub>4</sub>	48 <sup>3</sup> / <sub>4</sub>	750	340
HWBT300-2/3-150	4	300	2/3	36	45 <sup>1</sup> / <sub>8</sub>	80 <sup>3</sup> / <sub>8</sub>	30	32 <sup>1</sup> / <sub>8</sub>	61	48 <sup>3</sup> / <sub>8</sub>	766	347
HWBT300-3/3-150	4	300	3/3	36	45 <sup>1</sup> / <sub>8</sub>	80 <sup>3</sup> / <sub>8</sub>	30	32 <sup>1</sup> / <sub>8</sub>	61	48 <sup>3</sup> / <sub>8</sub>	782	355
HWBT300-4/4-150	4	300	4/4	36	45 <sup>1</sup> / <sub>8</sub>	80 <sup>3</sup> / <sub>8</sub>	30	32 <sup>1</sup> / <sub>8</sub>	61	48 <sup>3</sup> / <sub>8</sub>	828	376

All dimensions and weights are approximate.

Job Name _____	Notes _____
Engineer _____	_____
Contractor _____	_____
P.O. No. _____	_____
Sales Rep. _____	_____
Model No. _____	_____

