



2 PORT HOT WATER BUFFER

HWBT Series for Hot Water Systems ASME

125 PSIG Working Pressure

Construction

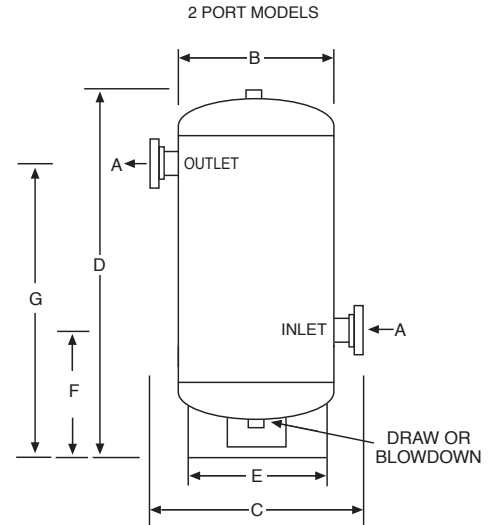
Body	ASME Approved Steel
Flanges	ASME Class 150
Paint	Red Oxide Primer
Auxiliary Connection	Top Vent & Bottom Drain Standard

Performance

Maximum Operating Temperature	450° F / 232°C
Maximum Working Pressure	125 psi / 8.8 Bar
Warranty	3-Years

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 $\frac{3}{4}$	55 $\frac{3}{4}$	16	15	45	-	254	115
HWBT120-3-125	2	120	3	24	33 $\frac{3}{4}$	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

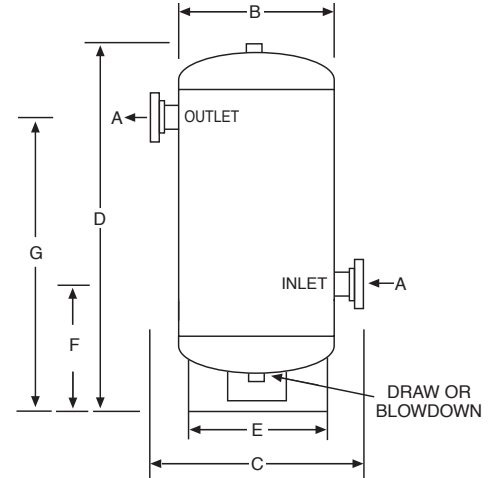
Body	ASME Approved Steel
Flanges	ASME Class 150
Paint	Red Oxide Primer
Auxiliary Connection	Top Vent & Bottom Drain Standard

Performance

Maximum Operating Temperature	450° F / 232°C
Maximum Working Pressure	150 psi / 10.5 Bar
Warranty	3-Years

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

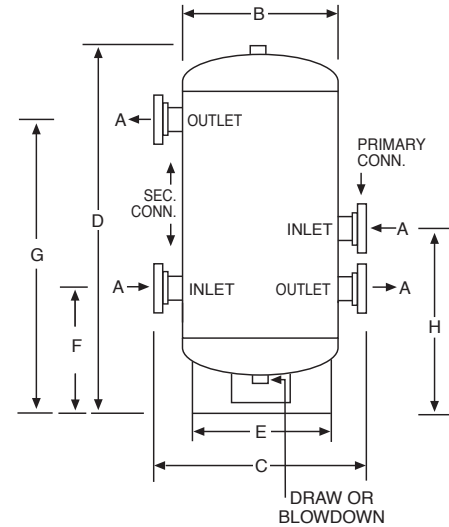
Body	ASME Approved Steel
Flanges	ASME Class 150
Paint	Red Oxide Primer
Auxiliary Connection	Top Vent & Bottom Drain Standard

Performance

Maximum Operating Temperature	450° F / 232°C
Maximum Working Pressure	125 psi / 8.8 Bar
Warranty	3-Years

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 ³ / ₈	55 ³ / ₄	16	15	45	27	267	121
HWBT120-2/3-125	4	120	2/3	24	33 ³ / ₈	55 ³ / ₄	16	15	45	27	282	128
HWBT120-3/3-125	4	120	3/3	24	33 ³ / ₈	55 ³ / ₄	16	15	45	27	297	135
HWBT120-4/4-125	4	120	4/4	24	33 ³ / ₈	55 ³ / ₄	16	15 ¹ / ₂	44 ¹ / ₂	27 ¹ / ₂	338	153
HWBT120-6/6-125	4	120	6/6	24	33 ³ / ₈	55 ³ / ₄	16	15 ¹ / ₂	44 ¹ / ₂	27 ¹ / ₂	356	161
HWBT200-2/2-125	4	200	2/2	30	39	62 ¹ / ₂	24	21 ¹ / ₂	45 ¹ / ₂	35 ¹ / ₂	489	222
HWBT200-2/3-125	4	200	2/3	30	39	62 ¹ / ₂	24	21 ¹ / ₂	45 ¹ / ₂	35 ¹ / ₂	503	228
HWBT200-3/3-125	4	200	3/3	30	39 ³ / ₈	62 ¹ / ₂	24	21 ¹ / ₂	45 ¹ / ₂	35 ¹ / ₂	518	235
HWBT200-4/4-125	4	200	4/4	30	39 ³ / ₈	62 ¹ / ₂	24	21 ¹ / ₂	45 ¹ / ₂	35 ¹ / ₂	560	254
HWBT300-2/2-125	4	300	2/2	36	45 ³ / ₈	80 ³ / ₈	30	32 ¹ / ₄	61 ¹ / ₄	48 ¹ / ₄	682	309
HWBT300-2/3-125	4	300	2/3	36	45 ³ / ₈	80 ³ / ₈	30	32 ³ / ₈	61	48 ³ / ₈	696	316
HWBT300-3/3-125	4	300	3/3	36	45 ³ / ₈	80 ³ / ₈	30	32 ³ / ₈	61	48 ³ / ₈	711	323
HWBT300-4/4-125	4	300	4/4	36	45 ³ / ₈	80 ³ / ₈	30	32 ³ / ₈	61	48 ³ / ₈	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

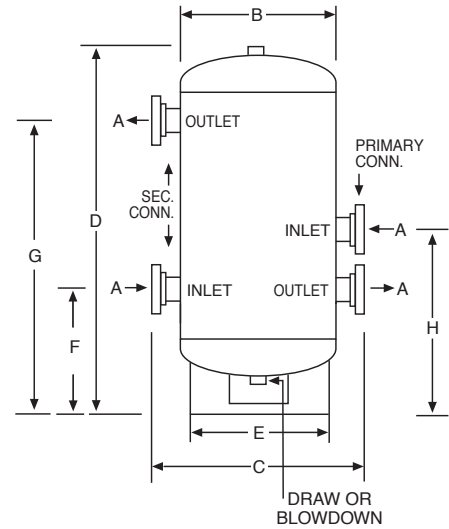
Body	ASME Approved Steel
Flanges	ASME Class 150
Paint	Red Oxide Primer
Auxiliary Connection	Top Vent & Bottom Drain Standard

Performance

Maximum Operating Temperature	450° F / 232°C
Maximum Working Pressure	150 psi / 10.5 Bar
Warranty	3-Years

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 ³ / ₈	55 ³ / ₄	16	15	45	27	294	133
HWBT120-2/3-150	4	120	2/3	24	33 ³ / ₈	55 ³ / ₄	16	15	45	27	310	141
HWBT120-3/3-150	4	120	3/3	24	33 ³ / ₈	55 ³ / ₄	16	15	45	27	327	148
HWBT120-4/4-150	4	120	4/4	24	33 ³ / ₈	55 ³ / ₄	16	15 ¹ / ₂	44 ¹ / ₂	27 ¹ / ₂	372	169
HWBT120-6/6-150	4	120	6/6	24	33 ³ / ₈	55 ³ / ₄	16	15 ¹ / ₂	44 ¹ / ₂	27 ¹ / ₂	392	178
HWBT200-2/2-150	4	200	2/2	30	39	62 ¹ / ₂	24	21 ¹ / ₂	45 ¹ / ₂	35 ¹ / ₂	538	244
HWBT200-2/3-150	4	200	2/3	30	39	62 ¹ / ₂	24	21 ¹ / ₂	45 ¹ / ₂	35 ¹ / ₂	553	251
HWBT200-3/3-150	4	200	3/3	30	39 ¹ / ₈	62 ¹ / ₂	24	21 ¹ / ₂	45 ¹ / ₂	35 ¹ / ₂	570	259
HWBT200-4/4-150	4	200	4/4	30	39 ¹ / ₈	62 ¹ / ₂	24	21 ¹ / ₂	45 ¹ / ₂	35 ¹ / ₂	617	280
HWBT300-2/2-150	4	300	2/2	36	45 ¹ / ₈	80 ³ / ₈	30	32 ¹ / ₄	61 ¹ / ₄	48 ³ / ₄	750	340
HWBT300-2/3-150	4	300	2/3	36	45 ¹ / ₈	80 ³ / ₈	30	32 ¹ / ₈	61	48 ¹ / ₈	766	347
HWBT300-3/3-150	4	300	3/3	36	45 ¹ / ₈	80 ³ / ₈	30	32 ¹ / ₈	61	48 ¹ / ₈	782	355
HWBT300-4/4-150	4	300	4/4	36	45 ¹ / ₈	80 ³ / ₈	30	32 ¹ / ₈	61	48 ¹ / ₈	828	376

All dimensions and weights are approximate.

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

