

Commercial BoilerMate®

150 PSIG Working Pressure

Specifications and Dimensions

All dimensions and weights are approximate.

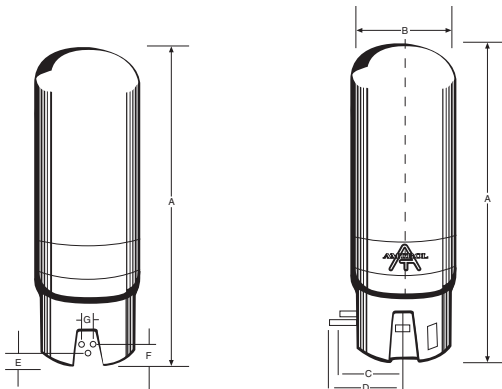
Model No.	Tank Volume		A Height		B Diameter		Domestic Water Connections		Boiler Water Connections		Ship. Wt.	
	Lt.	Gal.	cm	in.	cm	in.	Inlet	Outlet	Supply	Return	kg	lbs.
WH-7C	155	41	122	48	56	22	¾" NPTM	¾" NPTF	¾" NPTM	¾" NPTM	63.8	141
WH-7C-DW	155	41	122	48	56	22	¾" NPTM	¾" NPTF	1" Sweat Union	1" Sweat Union	68.3	151
WHS-60ZC	227	60	137	54	66	26	1" NPTM	1" NPTF	1" NPTM	1" NPTM	76.2	168
WHS-60ZC-DW	227	60	137	54	66	26	1" NPTM	1" NPTF	1" Sweat Union	1" Sweat Union	80.1	177
WHS-80ZC	302	80	168	66	66	26	1" NPTM	1" NPTF	1" NPTM	1" NPTM	80.7	178
WHS-80ZC-DW	302	80	168	66	66	26	1" NPTM	1" NPTF	1" Sweat Union	1" Sweat Union	84.6	187
WHS-120ZC	450	119	180	71	74	29	1" NPTM	1" NPTF	1" NPTM	1" NPTM	98.9	218
WHS-120ZC-DW	450	119	180	71	74	29	1" NPTM	1" NPTF	1" Sweat Union	1" Sweat Union	102.7	227

Performance

Model No.	1st Hr. Recovery Rating*		Continuous Flow Rating**		Standby Loss		Boiler Flow Rate Requirements(GPM)	
	Lt.	Gal.	Lt.	Gal.	BTU/Hr.	°F/Hr.	Min.	Max.
WH-7C	1149	304	1013	268	400	1.2	7	18
WH-7C-DW	1149	304	1013	268	400	1.2	7	18
WHS-60ZC	1616	427	1420	375	200	0.4	7	18
WHS-60ZC-DW	1210	320	1013	268	200	0.4	7	18
WHS-80ZC	1685	445	1420	375	260	0.4	7	18
WHS-80ZC-DW	1278	338	1013	268	260	0.4	7	18
WHS-120ZC	1813	479	1420	375	400	0.4	7	18
WHS-120ZC-DW	1406	372	1013	268	400	0.4	7	18

* 1st Hour Recovery Rating is based on a 90°F rise.

** Continuous Flow is based on a 90°F rise.



WHS 60, 80, 120 Specifications

Description	Standard Construction
Pressure Shell	316L Stainless Steel
Outer Jacket	Polyethylene
Insulation	CFC-Free Urethane Foam
Heat Exchanger	Finned Copper with Stanoguard Plating
Temperature Control	Electro-mechanical AquaStat
Optional Heat Exchanger	Double Wall Tubing

WH 7 Specifications

Description	Standard Construction
Pressure Shell	Deep Drawn Steel
Inner Liner	Seamless Polyethylene
Insulation Shell	High Density Urethane
Heat Exchanger	Finned Copper with Stanoguard Plating
Optional Heat Exchanger	Double Wall Tubing
Temperature Control	Electronic Digital Smart Control®

Rough-In Dimensions (inches)

Dimension	Description	WH-7C	WHS-60	WHS-80	WHS-120
C	Boiler Supply/Return	11	15½"	15½"	15½"
D	Cold Water In	12¼	13	13	14½
E	Cold Water In	3 ⁷ / ₁₆	3¾	3¾	3¾
F	Boiler Supply/Return	6¾	7¼	7¼	7¼
G	Boiler Supply/Return	3¾	3¾	3¾	3¾

Complies with Low Lead Plumbing Law

Job Name _____

Location _____

Engineer _____

Contractor _____

Contractor P.O. No. _____

Sales Representative _____

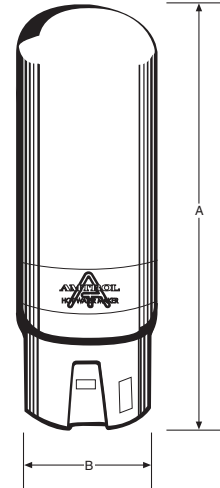
Model No. Ordered _____

AMTROL StorageMate®

Hot Water Storage Tanks 150 PSIG Working Pressure

Specifications and Dimensions

Model No.	Tank Volume		A Height		B Diameter		Domestic Water Connections		Shipping Weight
	Lt.	Gal.	cm	in.	cm	in.	Inlet	Outlet	
S-41	155	41	122	48	56	22	¾" NPTM	¾" NPTF	144
S-80	302	80	167	65¾	65	25¾	1" NPTM	1" NPTF	188
S-120	450	119	180	71	76	29¾	1" NPTM	1" NPTF	228

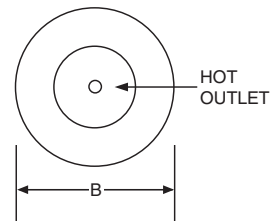


Maximum Operating Conditions

Operating Temperature	150°F for S-41, 180°F for S-80, S-120
Working Pressure	150 PSIG (10.5 bar)

S-41 Specifications

Description	Standard Construction
Pressure Shell	Deep Drawn Steel
Inner Liner	Polyethylene
Insulation Shell	Hi-Density Urethane
Temperature Control	Dial Aquastat



TOP VIEW

S-80, 120 Specifications

Description	Standard Construction
Pressure Shell	316L Stainless Steel
Outer Jacket	Polyethylene
Insulation	Urethane Foam
Temperature Control	Dial Aquastat

S-41, 80, 120 Series

All dimensions and weights are approximate.
Complies with Low Lead Plumbing Law

Job Name _____

Contractor _____

Location _____

Contractor P.O. No. _____

Sales Representative _____

Model No. Ordered _____

Engineer _____