

solarskies™
engaging the sun

Commercial Storage Tanks 80, 120, and 200 Gallon Models



The commercial Storage Tank Models Feature:

- **Applications** – Designed for use with boilers, hot water circulation system and large dump volume applications.
- **Glass Lining** – The high silica glass lining provides a tough interior surface for our hot water tanks.
- **Optional ASME Construction Available.**
- **2" Non-CFC Foam Insulation** – Covers the sides and top of tank, reducing the amount of heat loss. This results in less energy consumption, improved operation efficiencies and jacket rigidity.
- **Water Connections** – 2" NPT factory installed true dielectric fittings extend water heater life and eases installation.
916-001 – 2" 916-004 – 2 ½"
916-002 – 2" 916-005 – 2 ½"
916-003 – 2"
- **Rear Connection** – 2" NPT spud allows for a rear water connection (916-003 and 916-004 only).
- **Hand Hole Cleanout** – For removal of accumulated lime and sediment (916-003 has optional hand hole cleanout).
- **Two Protective Magnesium Anode Rods** – Provide added protection against corrosion for long trouble-free service.
- **Steel Tank** – Heavy gauge steel automatically formed, rolled, and welded.
- **T & P Relief Valve Opening (T & P Not Supplied)** – All models have special tapping on side of tank.
- **¾" NPT Aquastat Fitting.**
- **Brass Drain Valve.**

5-Year Limited Tank Warranties / 1-Year Limited Warranty on Component Parts.

For products installed in USA, Canada and Puerto Rico. Some states do not allow limitations on warranties. See complete copy of the warranty included with the heater.

Solar Skies Mfg, LLC

106 Donovan Drive • Alexandria, MN 56308 • Ph 320-762-1151 Fax 320-762-1460

Commerical Storage Tanks

Jacket Commercial Storage Models

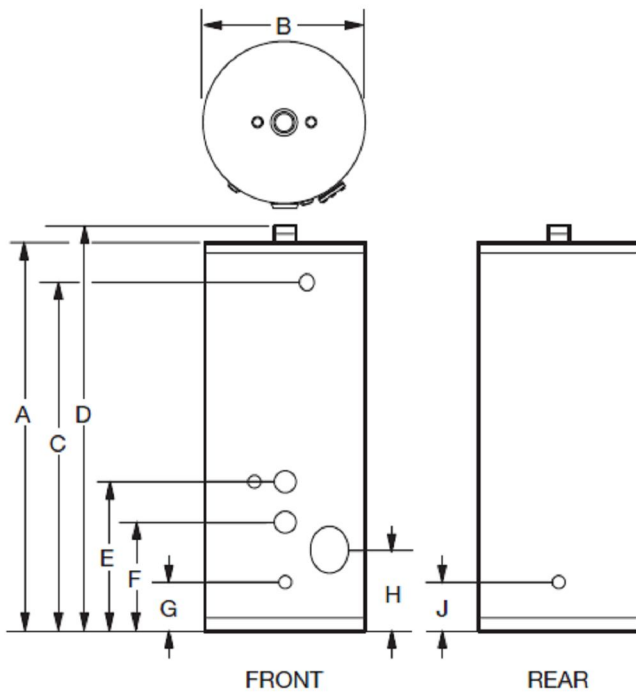
Meet or exceed ASHRAE 90.1b (current standard)

Model Number	Capacity		A	B	C	D	E	F	G	H	J	Water Conn. Size. † (In.)	Approx. Shipping Weight (lbs.)
	U.S. Gal.	Imp. Gal.	Floor to Heater Top (In.)	Jacket Dia. (In.)	Floor to T&P Conn. (In.)	Floor to Hot Water Conn. (In.)	Floor to Aquastat & Top Circ. Conn. (In.)	Floor to Bottom Circ. Conn. (In.)	Floor to Drain (In.)	Floor to Hand Hole Cleanout (In.)	Floor to Rear Water Conn. (In.)		
916-001	80	67	58 3/4	24	52 1/2	59 3/4	14 1/2	9 1/4	4 3/4	7 1/4		2(F)	192
916-002*	80	67	58 3/4	24	52 1/2	59 3/4	14 1/2	9 1/4	4 3/4	7 1/4		2(F)	192
916-003	119	100	62 1/2	28	55 3/4	63 1/2	14 1/2	9 1/2	5		5	2(F), 2R	312
916-004*	119	100	62 1/2	28	55 3/4	63 1/2	14 1/2	9 1/2	5	7 1/2	5	2 1/2(F), 2 R	366
916-005	200	167	77	32	66	78	16 1/4	11 1/4	6 3/4	9 1/4		2 1/2 (F)	541

Model Number	Capacity		A	B	C	D	E	F	G	H	J	Water Conn. Size. † (mm.)	Approx. Shipping Weight (kg.)
	Liters		Floor to Heater Top (mm.)	Jacket Dia. (mm.)	Floor to T&P Conn. (mm.)	Floor to Hot Water Conn. (mm.)	Floor to Aquastat & Top Circ. Conn. (mm.)	Floor to Bottom Circ. Conn. (mm.)	Floor to Drain (mm.)	Floor to Hand Hole Cleanout (mm.)	Floor to Rear Water Conn. (mm.)		
916-001	303		1492	610	1334	1518	362	235	121	184		51(F)	87
916-002	303		1492	610	1334	1518	362	235	121	184		51(F)	87
916-003	450		1588	711	1416	1613	368	241	127		127	51(F), 51R	142
916-004	450		1588	711	1416	1613	368	241	127	191	127	64(F), 51R	166
916-005	751		1956	813	1676	1981	413	286	171	235		64(F)	245

*Meets American Society of Mechanical Engineers (ASME) Code.

†F = Front Water Connections. R = Rear Water Connections.



General

All water connections are 2" (50.8mm.) NPT except for 916-004 and 916-005 which are 2 1/2" (63.5mm) NPT. T&P tapping 1" (25mm.) NPT. Aquastat tapping 3/4" (19mm.) NPT. Certified at 300 psi (2068kPa) test pressure and 150 psi (1034 kPa) working pressure.

Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvement.

Sample Specification

The hot water storage tank shall be a Solar Skies Steel Tank model _____ With a storage capacity of not less than _____ gallons/liters. The tank shall be lined with glass and shall have a bolted hand hole cleanout. The tank shall have two extruded magnesium rods installed in separate head couplings. The storage tank shall be insulated with not less than 2" of Non-CFC foam. The entire installation shall be made in compliance with state and local codes and ordinances.

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