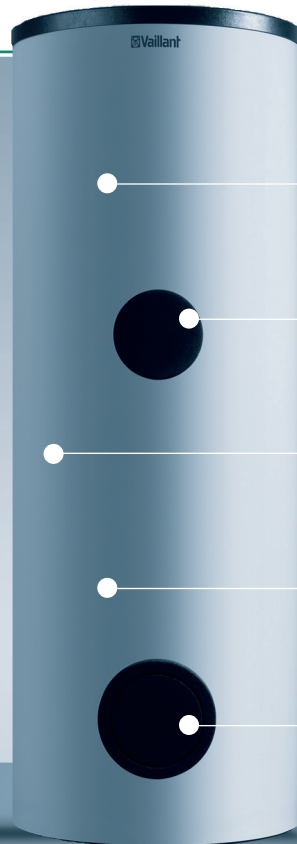


# auroTANK Solar Tanks

Solar Hot Water Storage



## GLASS LINED STEEL

Resists corrosion

## HEATING ELEMENT OPTION

Port for optional electric element backup

## REMOVABLE INSULATION

Installs easily in tight spaces

## TWO HEAT EXCHANGER OPTIONS

Provide flexibility for backup heat design

## 6" REVISION OPENING

Enables easy servicing

**Removable Insulation:** Need to install the tank in a room with a narrow doorway? No problem. The removable insulation reduces the tank diameter by 6.3 inches so the installer can easily move it into a tight space and then reattach the insulation once in place.

**Thick Insulation:** With over three inches of insulation, the tank can store water up to 185° F with low standby losses.

**Revision Opening:** It's important to monitor and service solar tanks on a regular basis, especially in hard water areas. With a 6 inch opening on the front of the tank, installers are able to quickly and easily access the inside of the tank to keep the system running efficiently.

**Heat Exchanger Options:** Vaillant offers single heat exchangers for preheating domestic hot water or dual heat exchangers for a boiler backup, providing flexibility in system design.

**Backup Flexibility:** These tanks are compatible with a variety of auxiliary water heating solutions, including traditional water heaters, tankless water heaters, heat pumps and electrical elements.

## OVERVIEW

Vaillant™ solar hot water tanks combine premium quality materials and advanced German engineering to provide maximum efficiency and durability that you can depend on for years to come. Manufactured from glass-lined steel, the tanks and coils are enameled to resist corrosion and prolong the life of the tank. An integral component of a complete Vaillant solar thermal system, these tanks store solar-heated water efficiently.

For more information visit us online at [www.vaillantsolarsystems.com](http://www.vaillantsolarsystems.com)

## PRODUCT SPECIFICATIONS

		auroTANK classic 80	auroTANK classic 100	auroTANK exclusive 80	auroTANK exclusive 100
Storage Capacity	gallons	78	107	76	105
Max. Tank Pressure	PSI	145	145	145	145
Max. Heating Circuit Pressure	PSI	145	145	145	145
Max. Heating Circuit Temperature	°F	230°	230°	230°	230°
Max. Tank Water Temperature	°F	185°	185°	185°	185°
Solar Heat Exchanger Area	ft <sup>2</sup>	17.2	16.1	17.2	16.1
Solar Heat Exchanger Volume	gallons	2.8	2.61	2.8	2.61
Heat Auxiliary Exchanger Area	ft <sup>2</sup>	N/A	N/A	7.5	7.53
Heat Auxiliary Exchanger Volume	gallons	N/A	N/A	1.2	1.24
Tank Dimensions					
Diameter without Insulation	inches	19.7"	25.6"	19.7"	25.6"
Diameter with Insulation	inches	25.9"	31.9"	25.9"	31.9"
Height	inches	69.9"	57.9"	69.9"	57.9"
Cold Mains Inlet, DHW Outlet	inches	1" thread	1" thread	1" thread	1" thread
Recirculation	inches	3/4" thread	3/4" thread	3/4" thread	3/4" thread
Heating and Solar Connections	inches	1" thread	1" thread	1" thread	1" thread
Weight Including Insulation & Packing	pounds	273	320	330	372

## auroTANK WARRANTY

Vaillant Solar Systems offers a two year warranty on the auroTANK solar water tanks (see warranty conditions).

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