



Solar System Packages

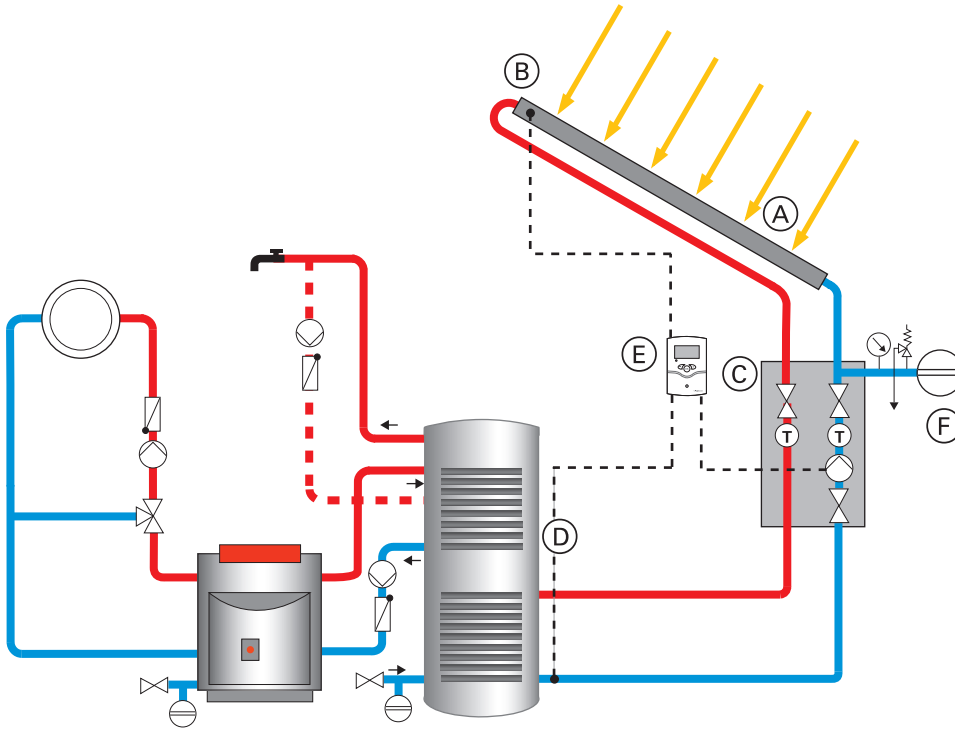
Quick Reference



Simplify the planning, ordering and installation of your solar system with our complete solar system packages. Choose from a single-tank system to integrate with a boiler system or from a retrofit preheat system as preheat to an existing domestic hot water heating system.

Viessmann solar system packages are sized based on the typical domestic hot water requirements of a 3-4 person family. For different load requirements or to add supplemental pool or space heating loads, please contact your Viessmann Sales Representative for a customized solar system.

Single-Tank System



When integrating a solar system into a new home or a home with an existing hot water heating boiler, a single-tank system is typically used.

This system uses a dual-coil tank where heat from the solar collector(s) is transferred to the domestic hot water via the lower coil, and backup heat is supplied as required by a boiler via the upper coil.

Choose from System Package 1 or System Package 2 for this type of application.

The following Viessmann solar system packages are sized based on the typical domestic hot water requirements of a 3-4 person family.

System Package 1

Order No. SK01523

Vitosol 200-F, SV2 Solar Collector (x 2)	(A)
Interconnection Pipes (between collectors)	
General Connection Set	
Sensor Well Set	(B)
Mounting Hardware (for sloped or shingled roofs)	
Installation Fittings Set	
Solar-Divicon Pumping Station	(C)
Vitocell-B 100 Dual-Coil Tank (79 USG)	(D)
Solar Control Unit	(E)
Solar Expansion Tank	(F)
Fast Air Vent	
"Tyfocor" Solar Fill (glycol/water premix)	

System Package 2

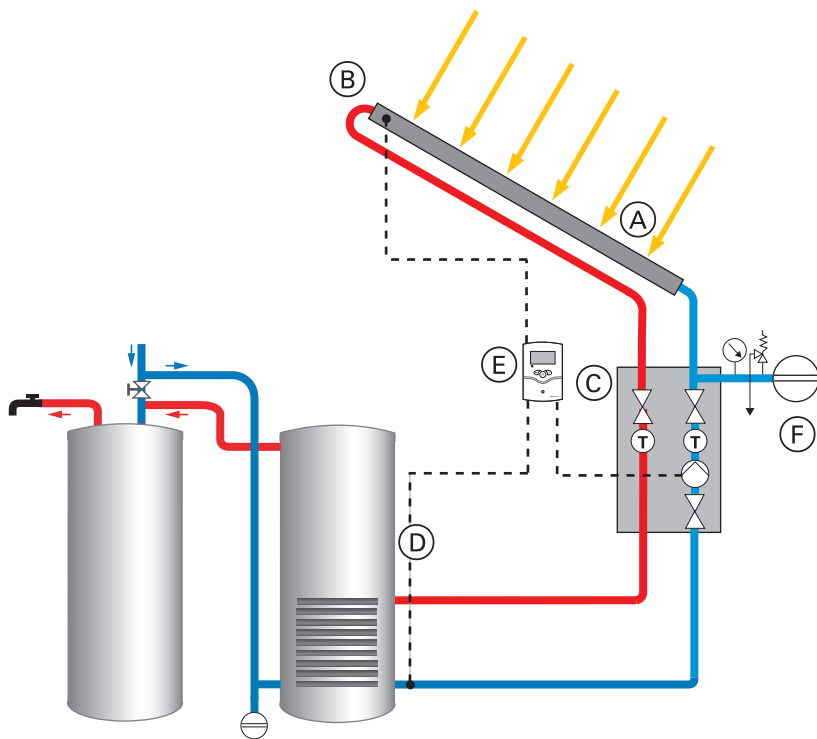
Order No. SK01524

Vitosol 300-T, SP3 Solar Collector (3 m ²)	(A)
General Connection Set	
Mounting Hardware (for sloped or shingled roofs)	
Installation Fittings Set	
Solar-Divicon Pumping Station	(C)
Vitocell-B 100 Dual-Coil Tank (79 USG)	(D)
Solar Control Unit	(E)
Solar Expansion Tank	(F)
Fast Air Vent	
"Tyfocor" Solar Fill (glycol/water premix)	

Upgrade Options:

Vitosolic 200/SCU224 Solar Control for Multi-Function Solar Heating Systems
 Vitocell-B 300 Stainless Steel Dual-Coil Domestic Hot Water Storage Tank
 Flexible Insulated Piping System, Solar Hand Pump
 Flat Roof Mounting Hardware

Retrofit Preheat System



With a retrofit preheat system, solar is easily integrated into virtually any existing domestic hot water heating system.

This system uses a single-coil solar tank connected to the collectors. The collectors preheat the water in the solar tank, which is then fed into the existing hot water tank or instantaneous hot water heater.

Choose from System Package 3 or System Package 4 for this type of application.

The following Viessmann solar system packages are sized based on the typical domestic hot water requirements of a 3-4 person family.

System Package 3

Order No. SK01525

Vitosol 200-F, SV2 Solar Collector (x 2)	(A)
Interconnection Pipes (between collectors)	
General Connection Set	
Sensor Well Set	(B)
Mounting Hardware (for sloped or shingled roofs)	
Installation Fittings Set	
Solar-Divicon Pumping Station	(C)
Vitocell-V 100 Single-Coil Tank (79 USG)	(D)
Brass Elbow (with sensor well for tank temp. sensor)	
Solar Control Unit	(E)
Solar Expansion Tank	(F)
Fast Air Vent	
"Tyfocor" Solar Fill (glycol/water premix)	

System Package 4

Order No. SK01526

Vitosol 300-T, SP3 Solar Collector (3 m ²)	(A)
General Connection Set	
Mounting Hardware (for sloped or shingled roofs)	
Installation Fittings Set	
Solar-Divicon Pumping Station	(C)
Vitocell-V 100 Single-Coil Tank (79 USG)	(D)
Brass Elbow (with sensor well for tank temp. sensor)	
Solar Control Unit	(E)
Solar Expansion Tank	(F)
Fast Air Vent	
"Tyfocor" Solar Fill (glycol/water premix)	

Upgrade Options:

- Vitosolic 200/SCU224 Solar Control for Multi-Function Solar Heating Systems
- Vitocell-V 300 Stainless Steel Single-Coil Domestic Hot Water Storage Tank
- Flexible Insulated Piping System
- Solar Hand Pump
- Flat Roof Mounting Hardware



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