

Parts

Expansion Vessels

An expansion vessel is necessary to absorb the expansion of the solar fluid when high temperatures are reached in the solar collector. Currently available sizes are 24 and 35 litres.



Sales Code	Description
SOL502EXP	24 litre Expansion Vessel
SOL503EXP	35 litre Expansion Vessel

ACCESSORY KIT - EXPANSION VESSEL

Expansion vessel accessory kit includes check valve, wall bracket and 1 flexi hose.



Sales Code	Description
SOL521PPK	Expansion Vessel Accessory Kit

Stainless Steel Insulated Twin Pipe

Flexible pre-insulated twin pipe with UV protection sheath for linking collectors to solar tank. Saves considerable installation time and money. (Fittings Included).



Sales Code	Description
SOL010TWP	Insulated Twin Pipe DIN16 - 10m
SOL015TWP	Insulated Twin Pipe DIN16 - 15m
SOL025TWP	Insulated Twin Pipe DIN16 - 25m

Flexi pipes, 1m

High grade 1m stainless steel flexi pipes which can be connected to the flow and return side of the collector array. This saves the installer having to make complicated pipe bends through the roof of the house. Fittings can be included to connect the pipe to the different solar collector types.

Sales Code	Description
SOL402FPP	1m Flexi Pipe
SOL075ELB & SOL075TAP	Fittings for CVSKC-10 Vacuum Tube and TZ58-1800 Heat Pipe Solar collectors



Solar Anti-freeze

The heat transfer fluid used in a solar circuit is normally a mixture of water and a polypropylene glycol anti-freeze. The glycol anti-freeze also contains an additive to protect against corrosion and evaporates at higher temperatures than water to allow higher system temperatures. Firebird recommends a 40% glycol to 60% water mix to ensure frost protection to circa -25°C.



Sales Code	Description
SOL507VFL	Tyfocon LS Anti-freeze for Tube System

Anti-scald Mixing Valve

Anti-scald (mixing) valve must be fitted close to the hot water outlet of the solar tank so that delivery to the taps does not exceed 48°C.



Sales Code	Description
SOL504MIX	Anti-scald Mixing Valve

Air vent & Isolating Valve

An automatic air vent should be fitted at the highest point in the solar circuit system in order to remove air from the system during commissioning. An isolating valve should be fitted before the air vent and isolated once the system has been commissioned.



Sales Code	Description
SOL530ASV	Air Vent & Isolating Valve

Pipe flashing

The pipe flashings provide a tidy solution for passing solar flow and return pipes through the house roof.



Sales Code	Description
SOL509TRF	Pipe flashing - tiled roof
SOL510SRF	Pipe flashing - slate roof

Other Parts

Sales Code	Description
SOL514FPC	Weather-proof Cover for CPK7210-N Flat Plate Collector
SOL515VTC	Weather-proof Cover for CVSKC-10 Vacuum Tube Collector
SOL000FPS	Solar Filling & Flushing Pump
SOL527RFR	Refractometer
SOL528CFL	Solar Cleaning Fluid, 500ml
SOL000BOV	Blow-off Storage Vessel
SOL010TSV	TSV Lightning Protection (for controller)
SOL526RLY	Auxiliary Relay HR230 (for controller)
SOL000SPP	Solar Paste Kit

