

DRAGONS BREATH

solar heating systems

Component parts for glycol heating systems should be checked at least once a year. This is to make sure that your system is working efficiently.

A visual check for leaks or pressure drops should indicate any possible problems.

As your collectors heat the glycol fluid, it is then passed through high temperature pipe work back to your pumping station. This pump is governed by controllers that regulate the temperature via two sensors. One on the roof inserted into the collector/s and the other usually inserted into the cylinder/tank. This then provides information linked to the pump to start and stop according to the programmable controller. 5 ° differentials between collectors and the cylinder sensors activate or stop the circulation of glycol fluid.

The system should be operating without pressure drops to encourage the best performance possible. Air bubbles in the system or glycol fluids should not be contaminated. These will alter the dynamics of any system creating overheating and possible discharging of fluid through the valves, creating an unstable heating system. Leaks become visible rectified ASAP.

Do not attempt to remedy any faults without knowledge of the system as the glycol fluids can reach temperatures of 220°C , therefore this is a dangerous situation to avoid if not qualified.

If in doubt contact us, we have the tools and the knowledge to remedy any problems.

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