

IHT FOR RETAIL

What is IHT?

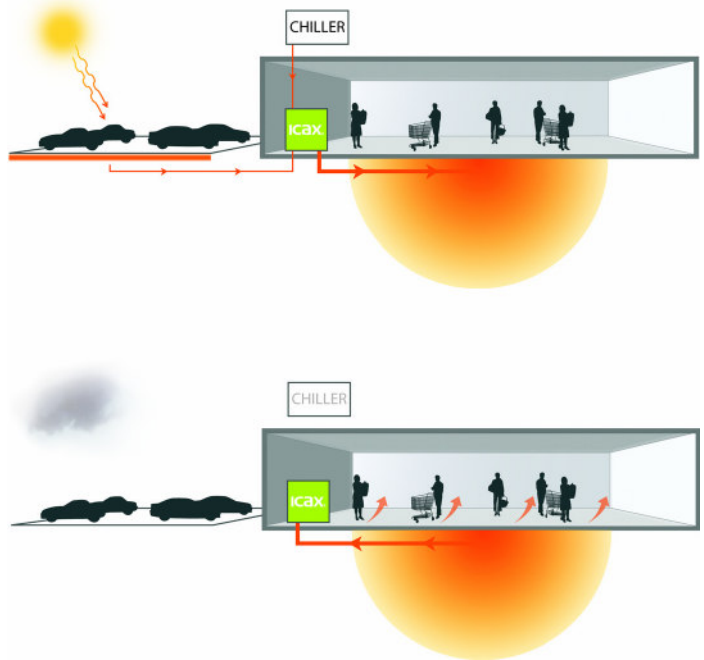
Interseasonal Heat Transfer is a patented technology that is complementary to Ground Source Heat Pumps and solar thermal collectors. IHT provides a method of storing heat for long periods – between seasons.

For the retail environment we collect heat from solar panels, asphalt collectors or waste heat (from chiller packs) in the summer and use it to provide winter heating.

How does IHT work?

During the summer heat is collected from the chiller pack condensers and deposited in ThermalBanks. This increases the capacity of chillers on hot days. In winter stored heat is withdrawn from ThermalBanks and transferred into the building using a GSHP.

Underfloor heating, TermoDeck or fan coil units are the most efficient way of supplying heat to the building.



- * REDUCE HEATING AND COOLING BILLS
- * GENERATE ON SITE RENEWABLE ENERGY
- * GENERATE CLEAN ENERGY CASHBACK
- * STORE SUMMER SOLAR AND WASTE HEAT

Why use IHT?

An IHT system will increase the efficiency and maintain the capacity of your existing chillers at the hottest times of year, eliminating the need for additional plant.

Unlike most other renewables technologies IHT has no visual impact and does not require planning consent. It has a low plant room footprint allowing you to maximise retail space.

What do you need?

To be able to use an ICAX IHT system you need a chiller pack that is compatible with heat recovery and a low temperature compatible heating system.

What does ICAX do?

ICAX Limited provides a turnkey package for meeting sustainable energy targets on construction projects. We undertake design and installation to ensure that heating and cooling needs are met in a sustainable way.

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