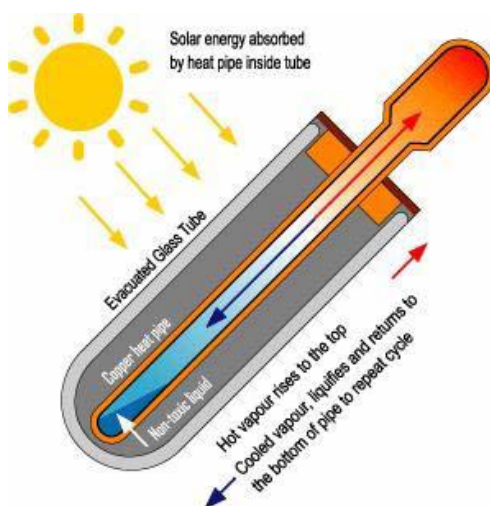
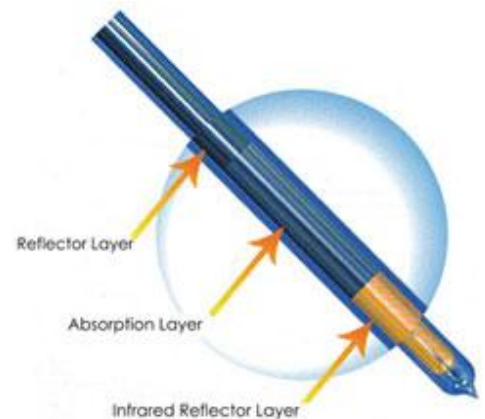


EVACUATED TUBES - INTRODUCTION



Evacuated tubes are best suited to our climate in Northern Europe as they are designed to absorb diffused light (i.e. through cloudy skies) as well as direct sunlight. The C-Mc Energy solar collector is well designed and offers impressive efficiency levels.

- Advanced coating technology maximises the light to heat conversion. The infra red reflector layer reduces the radiant emissions enabling the tubes to withstand very cold temperatures.
- During manufacture, the tubes endure 36 different procedures to ensure durability, quality and longevity.
- Certified to European Standard EN12975 part 1 and 2.
- Qualify for the SEAI Greener Homes Grant Scheme and the Reheat grant scheme .
- Light weight and easy to handle. Tubes are connected to manifold after collector is mounted. Similarly tubes can easily be disconnected from collector and replaced without affecting the operation of the system.



- Ideally suited to the Irish/UK climate. The tubes provide a large aperture area.
- Excellent Value for money. For example a 40 tube system will provide an approximate annual energy yield of 2104KwH.
- Each tube houses a heat pipe which is temperature resistant from -40C to 300C, making them very durable.
- East/West configuration available
- Minimum maintenance required.
- If a tube is broken it can be easily replaced
- Tubes are sealed with non corrosive parts.
- The manifold and frame are black in colour which blends well with most rooftops.