

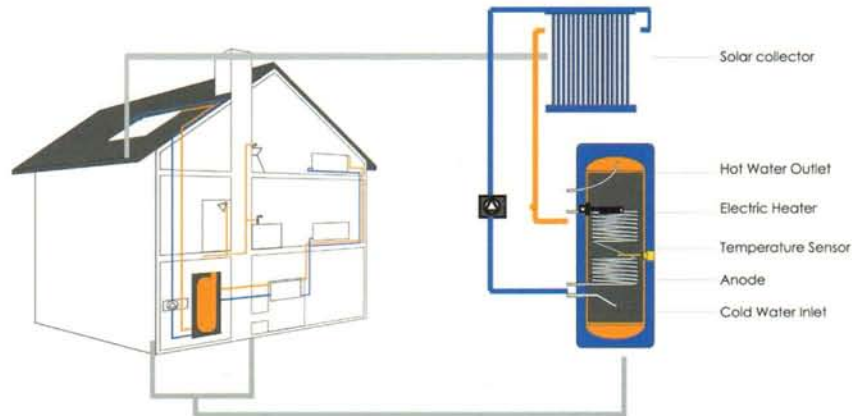


## Solar Energy...

The sun can provide us with an endless supply of energy which exceeds our requirements. Unlike fossil fuels such as coal, gas and oil, this energy source is at our disposal for another few hundred million years!

The Global effort to protect our planet has brought about government policies and legislation to reduce our carbon emissions. Solar power is a vital source of clean energy for our future.

In Ireland, solar energy has more potential than people realise and can provide a household with up to 75% of its annual hot water requirements. Solar collectors can also contribute towards your space heating requirements.




## Panel Specifications...

C-Mc Energy is an approved Sustainable Energy Ireland [SEI] supplier. Our solar collectors are manufactured in accordance with and in conformance to EN 12975 [part 1 & 2]

C-MC Energy stocks three different solar panel sizes. Our technical consultants can best advise the most appropriate size for your particular requirements.



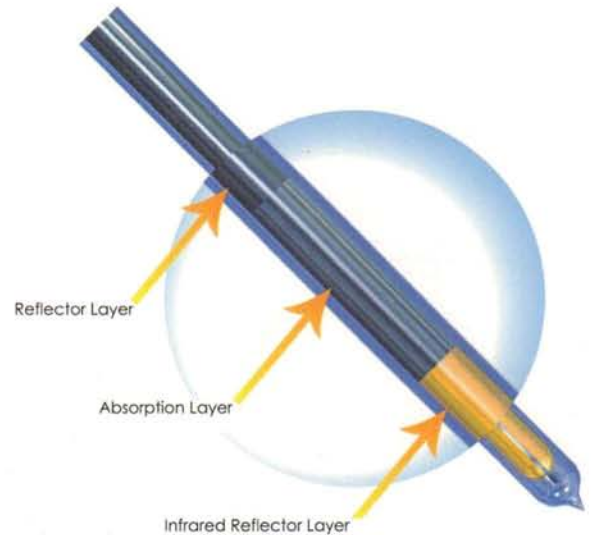
	CMC: 10R	CMC: 20R	CMC: 30R
<b>Area / Aperture: m2</b>			
Area	1.31	2.62	3.93
Aperture Area	0.936	1.86	2.791
<b>Dimensions: mm</b>			
Length	2020	2020	2020
Width	995	1825	2655
Height	155	155	155

## Vacuum Tubes Solar Collectors...

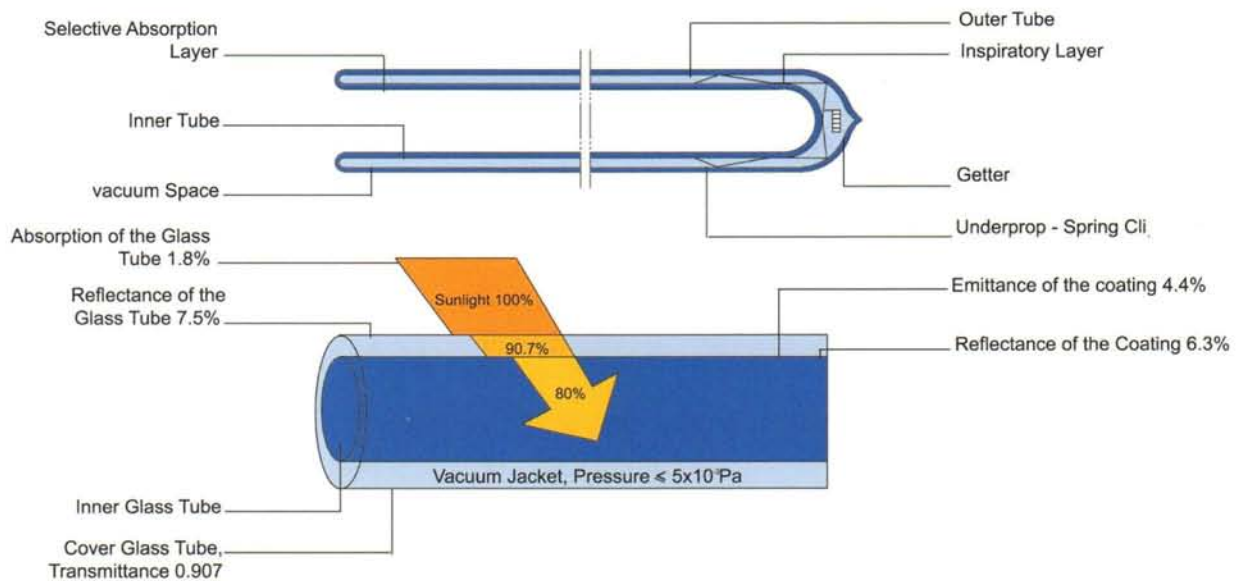
Vacuum tube solar collectors are particularly suited to the Irish climate as they are designed to absorb diffused sunlight [ie. through cloudy skies] as well as direct sunlight.

The C-Mc Energy award winning vacuum tubes adopt an advanced coating technology increasing the light to heat conversion by 10%.

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 strength, quality and longevity.



## Vacuum Tubes Working Theory...



## Your Local Distributor...



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# Grant Solar Thermal System Diagram

