

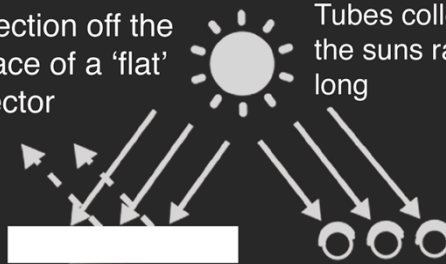


COMPARISON FLAT PLATE vs EVACUATED TUBE

REFLECTION PROPERTIES

Flat Plate

Reflection off the
surface of a 'flat'
collector



Tubes collect all of
the sun's rays all day
long

Evac Tube

Evacuated tubes catch & keep the sun's
radiation, & reflect less of the sun's energy.

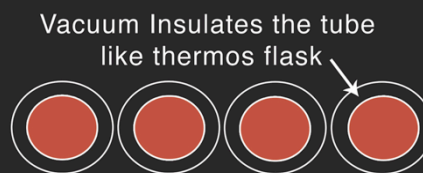
HEAT RETENTION

Significant heat loss through
front of glass panel



Maximum panel temp = up to
180°C

"NO" loss of heat through
vacuum (only light can
travel through a vacuum)



Maximum tube temp = up to
280°C

Flat Plate

Evac Tube

EVACUATED TUBE = NO LOST OR WASTED HEAT ENERGY



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