Solar Roof Ventilation and Cooling is Here!

The warm weather has arrived early this spring. Although most of us are looking forward to spending more time in the outdoors and enjoying the weather – spring and summer also brings its challenges!

Don't we all dread getting hot and bothered, when the house gets stifling hot – after a day or two above 30 degrees?

Why is it that most houses get so unbearably warm? Well a lot of the heat build-up is due to the very high temperatures that are reached .in roof spaces throughout Australia. The sun hits your roof and starts heating the air inside your roof. As the heat builds up in the roof space – it starts penetrating your ceilings – and the heat radiates down from there giving you an undesired heat contribution – even if you insulated your roof!

If you live in a double storey home – you probably feel the heat more than a single storey house – as the heat rises from below.

Traditionally Australians have been installing whirlybird type roof ventilators to prevent overheating, however an increasing number of people are now installing solar powered roof ventilation units – which are free to run – and far more powerful.

Solar Fans are available with different capacities up to 3000 cbm/h (the average wind-driven roof-fan moves about 100 cbm/h) – and the high airflow allows for

roof space temperatures to be brought down relatively close ambient. Controlling the roof-space temperature will reduce the temperature in the house – and if you have ducted air-conditioning reduce running time – whilst also increasing efficiency – saving you hundreds of dollars every year.

If you have particularly warm rooms – e.g. west or north facing rooms with large windows – you can find models with sufficient capacity to also remove heat directly from these rooms.