

What is a solar tube & how does it work?

Also known as tubular skylights or sun tunnels, solar tubes give you an unobtrusive way to brighten the darker areas of your home with soft, natural light. The standard solar tube is a tube of polished sheet metal installed in the roof to channel sunlight into the house's interior.

Do solar tubes really work?

Solar tubes, also known as "sun tunnels", "light tubes", and "daylight pipes", channel outside daylight into your home. While they don't allow for a nice view of the outside world, they do provide a natural, cost effective way to naturally illuminate dark interior spaces without using electricity.

Are solar tubes a sustainable light source?

Solar tubes have revolutionized sustainable light sources by bringing sunlight into your home. It's so simple. A solar tube, often referred to as a sun tunnel, is a metallic tube through your roof. Similar to a skylight, but much smaller and more cost-effective.

What are the benefits of solar tubes?

Energy efficiency: Solar tubes provide indirect light with limited heat transfer, which puts less strain on your home's air conditioning system. They also provide light without the use of electricity. Health benefits: The natural sunlight that comes from solar tubes can boost your vitamin D levels and improve your mood, productivity, and sleep.

What is a standard solar tube?

The standard solar tube is a tube of polished sheet metal installed in the roof to channel sunlight into the house's interior. They're most commonly available in 10- and 14-inch-diameter sizes, which fit between standard 16-inch roof joists. On the roof end of the tube is a weather-resistant acrylic cap.

Can you open a solar tube?

No view or ventilation: Solar tubes don't provide a view of the outside, and you can't open them to allow fresh air inside. Solar limitations: Solar tubes only work during the day, unless they come equipped with a solar panel and LED lights. They don't help to heat your home during cold weather.

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Solar tubes direct outdoor ambience and sunlight into your home, via tubing installed from your roof to the room(s) you wish to brighten. Most solar tubes (also known as "sun tunnels", "sun lights", "daylight pipes", and "light ...

Pumping Water. The Apricus pump station moves water from the storage tank through the copper heat exchange located within the manifold. At this point, there is no water running through the ...

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Pumping Water. The Apricus pump station moves water from the storage tank through the copper heat exchange located within the manifold. At this point, there is no water running through the tubes, the heat pipe bulb is simply transferring ...

What degree do we want to go off-grid, how much can we afford to invest, and what technologies do we want to support, e.g., solar tubes or solar panels. Solar Tubes are superior in almost every metric when compared to ...

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