

PROGRESSIVTUBE® PASSIVE SOLAR HEATING SYSTEMS



Manufacturer of Solar Thermal Systems

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Member



NAHB



The PROGRESSIVTUBE® passive solar water heater is a self-contained, single unit system that integrates the solar collector and storage tank. In most applications, it functions as a pre-heater to an instantaneous or conventional water heater.

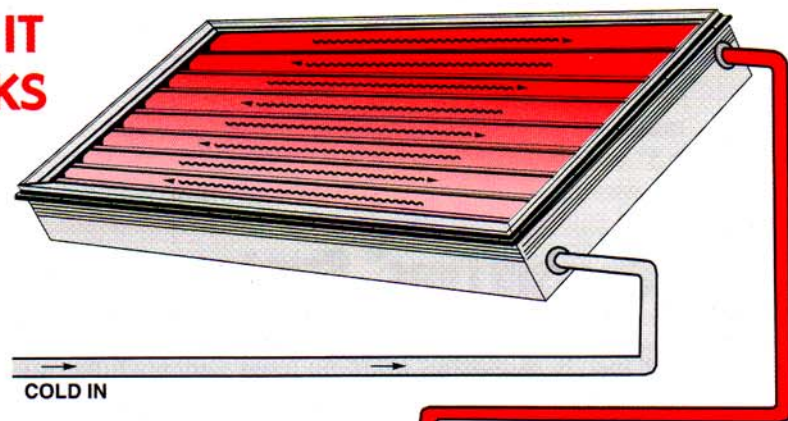
The PROGRESSIVTUBE® requires only local water pressure and solar radiation to operate. No pumps, controls, mechanical or electrical components are required. Once installed, the system will work automatically.

When hot water is used, solar pre-heated water is drawn into the conventional water heater, reducing electrical or gas usage for water heating. The PROGRESSIVTUBE® is among the most efficient solar systems rated by national testing and certification agencies. All PROGRESSIVTUBE® systems meet or exceed all applicable national plumbing and building codes. Our systems are virtually maintenance free and feature a twenty-five year design life. Whether your

purchase decisions depend on simple pay back, return on investment or life cycle analysis, PROGRESSIVTUBE® can exceed your expectations.

PROGRESSIVTUBE® the value leader in solar thermal technology!

HOW IT WORKS



The all copper collector/storage tank absorbs solar radiation through its selective surface coating by raising the temperature of the water stored in the collector. It is well insulated with closed cell foam and double-glazed for increased heat retention.

The 4" diameter copper tubes are welded into a series flow pattern so that the top of

the lower tube feeds the bottom of the next tube. This allows the collector to contain the colder replacement water in the lower tubes where it is heated by the sun as it flows from one tube to the next. Each time hot water is used, the innovative design eliminates the cooling down of the remaining heated water that normally occurs in other types of solar water heating systems.

Not only does this design ensure the delivery of the hottest water, but it also provides more hot water at a higher temperature and with a faster recovery time than solar systems of similar capacity.

