

Your complete  
**SOLAR WATER HEATING SYSTEM**  
**IN A BOX.**  
 The all in one solution.



### Benefits

- Provides up to 70% of your annual hot water.
- Vacuum tube technology provides rapid conductivity and transfer of heat, 30% more effective than flat panel collectors.
- Thermomax products are designed specifically to work in North American climates, even in cold, wet and humid conditions.
- Works from dawn until dusk and throughout the year.
- 5 year standard warranty, 10 years if installed by a Kingspan Solar Accredited Installer.
- Average 25-year lifespan.
- SRCC approved.
- Certified to withstand hail impact test DIN EN12975-2:2006 using ice-balls.

The complete package comes with a choice of Thermomax solar thermal vacuum tube collectors or Thermomax FS flat panel.





# THERMOMAX

World Leader in Solar Thermal Systems



60 tube installation for domestic hot water and space heating



30 tube installation for domestic hot water

## Harnessing Nature for the Global Property Market

Kingspan Group plc is one of the world's largest and most innovative manufacturers and distributors of energy conserving and renewable construction systems designed to meet the challenges facing architects, specifiers and developers in reducing global carbon emissions.

### Solar Energy for a Brighter Future

When it comes to delivering effective and intelligent solar energy solutions, Kingspan Solar Inc. is trusted by architects, specifiers and developers the world over.

For over 25 years, Thermomax solar vacuum tube collectors and high performance FS flat panels have not just set industry standards – but exceeded them.

### Solar Thermal Vacuum Tube Technology

Solar thermal technology transforms direct and diffuse solar radiation into useful heat using a solar collector. The vacuum inside each tube provides perfect insulation and protects the system from outside influences such as cold, windy or humid weather providing superior performance levels.

### The Complete Package

Kingspan Solar Inc. supplies packages to suit all homes and provides high performance hot water solutions for all geographical areas. Included in the box is everything you will need for your installation of Thermomax solar vacuum tube collectors or Thermomax FS flat panels.

### The complete package comes in two different sizes:

People using Hot Water	Package
1 – 2	20 Tube Thermomax system
3 – 5	30 Tube Thermomax system
1 – 2	2 Flat Panel Thermomax FS system
3 – 5	3 Flat Panel Thermomax FS system

### Solar in a Box Components

Solar in a Box Components	
	Thermomax Evacuated Tubes/Flat Plate
1	Manifold
1	Connection kit
1	Tyfocon 5 gallon
1	Controller
1	Dual stream pump station
1	Sloping roof kit
1	80 gallon single coil tank
1	3/4" zone valve (dump valve)
1	Auto air vent 1/2" npt
1	Shut off air vent valve (below air vent)
1	Solar 3-way mixing valve 3/4" sweat
1	Expansion tank connection kit 3/4"
1	3/4" solarflex x 50' roll (with coupling)
1	Black insulation tape
1	Black UV film tape
2	Connection kit for 3/4" solarflex
1	Pipe hanger for 3/4" solarflex (qty 4)
2	22mm smooth pipe to 3/4" solarflex
1	5 gallon solar expansion tank
2	Brass 90 elbow (for tank connection)
1	Pigtail plug 8' (connection for control)
1	3/4" to 1/2" bushing
1	4" rubber roof flange (adjustable)
1	40 VA transformer (for dump valve)
10	Washers for 3/4" solarflex
2	3/4" solarflex x 6' (from pump to tank)
1	2' piece of sch 40 pvc pipe
1	Sensor well for additional tank sensor
1	Tank mounting bracket (mount station)

Contact us now for further information on how to save up to 70% off your hot water bill.

Call: **410-799-6600**



Think Solar - Think Kingspan

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