



SOLAR COLLECTORS

TITANPOWER™ FLAT PLATE & THERMOPOWER™ EVACUATED TUBES

SUPERIOR PERFORMANCE

SunMaxx solar collectors are among the best performing and most efficient in the solar thermal industry

CUTTING-EDGE TECHNOLOGY

Built with the latest processes, materials and best-practices included seamless welding and much more

REMARKABLE EFFICIENCY

Collectors with total efficiencies of up to 70% deliver more BTU and a higher return on investment than ever before

SRCC CERTIFICATION

Most of our ThermoPower™ and TitanPower™ collectors are SRCC OG-100 certified to guarantee performance



OUR TECHNOLOGY



THERMOPOWER™ Evacuated Tube Solar Collectors

Our line of ThermoPower™ evacuated tube solar collectors are industry-leading solar collectors that are built to withstand any climate and to provide years of efficiency, nearly-maintenance-free performance. We have three types of evacuated tube collectors; heat pipe collectors, direct-flow collectors and thermosyphon.

Our evacuated tube solar collectors are perfect for a variety of solar thermal applications including residential, commercial and municipal domestic hot water, radiant / space heating, pool heating, industrial process heating and more.

THERMOPOWER™ FEATURES

- SRCC OG-100 Certification
- Field-tested in all climates and locations
- Industry's highest BTU/\$
- Industry-leading 10-year warranties (15 years available)
- Impact resistant glass tubes (can withstand nickle-sized hail)
- Great for low, medium and high temperature applications
- Limited lifetime maintenance required

THERMOPOWER™ VHP MODELS

Heat Pipe Evacuated Tube Solar Collectors

Model	# of Tubes	Gross Area (ft ²)	Aperture Area (ft ²)	BTU / Day (SRCC C Rating)	SRCC OG-100 ?
ThermoPower-VHP20	20	37.42	21.41	29,300	Yes
ThermoPower-VHP30	30	56.42	32.11	44,100	Yes

THERMOPOWER™ VDF MODELS

U-Pipe (Direct Flow) Evacuated Tube Solar Collectors

Model	# of Tubes	Gross Area (ft ²)	Aperture Area (ft ²)	BTU / Day (SRCC C Rating)	SRCC OG-100 ?
ThermoPower-VDF10	10	14.58	9.68	13,400	Yes
ThermoPower-VDF20	20	26.95	19.26	24,900	Yes
ThermoPower-VDF30	30	39.33	28.84	36,300	Yes

THERMOPOWER™ VTS MODELS

Thermosyphon Evacuated Tube Solar Collectors

Model	# of Tubes	Gross Area (ft ²)	Aperture Area (ft ²)	Mounting Included?	Integrated Tank Size (G)
ThermoPower-VTS-P20	20	32	23.4	Tilt	40
ThermoPower-VTS-P30	30	26.95	19.26	Tilt	80

THERMOPOWER™ INSTALLATIONS



St. Regis Hotel

Aspen, CO



Residential Domestic Hot Water



Residential Combi Heating



Cornell University

Ithaca, NY



Cornell University

Ithaca, NY



FDNY Marine 9

Staten Island, NY

OUR TECHNOLOGY



TITANPOWER™ Flat Plate Solar Collectors

SunMaxx has a complete line of TitanPower™ and TitanPower-Plus™ flat plate solar collectors. These collectors are field-tested and ready for use in nearly all climates and locations. We have models from 26 ft² up to 40 ft², many of which are SRCC OG-100 Certified to maximize rebates and performance guarantees.

Our flat plate solar collectors are perfect for a variety of solar thermal applications including residential, commercial and municipal domestic hot water, radiant / space heating, pool heating, industrial process heating and more.

TITANPOWER™ FEATURES

- SRCC OG-100 Certification
- Field-tested in all climates and locations
- All copper or aluminum absorbers
- Cutting-edge seamless laser welding
- High-efficiency and maximum BTU/day output
- ConnectMaxx™ flush & tilt mounting available
- Industry-leading 10-year warranties (15 years available)
- Great for low and medium temperature applications
- Limited lifetime maintenance required

TITANPOWER™ MODELS

Our SRCC Certified Flat Plate Solar Collectors

Model	Gross Area (ft ²)	Aperture Area (ft ²)	Weight (lbs)	BTU / Day (SRCC C Rating)	SRCC OG-100 ?
TitanPower-ALDH29-V3	29.49	26.91	93	33,500	Yes
TitanPower-ALDH29-P	28.52	26.37	108	34,400	Yes

***NOTE:** additional collector models are available on request. Please check with your sales representative.

TITANPOWER™ INSTALLATIONS



Orleans Poverty Hill Farms

Albion, NY



Mendonca & Son Dairy

Tulare, CA



Jerry Dell Farm

Freeville, NY



Scenic Vista

Grantsville, MD



Dublin Hills Farm

Woodsboro, MD



Leal Dairy

Tulare, CA

FREQUENTLY Asked Questions

WHICH TYPE OF COLLECTOR SHOULD I USE IN MY CLIMATE?

Both our TitanPower™ flat plate collectors and our ThermoPower™ evacuated tube collectors can be used in climate - from warmer tropical climates to cold northern climates. We recommend speaking to our team of solar professionals and have them determine which collectors are the right choice for your individual needs.

DO THE COLLECTORS COME WITH MOUNTING HARDWARE?

Our ThermoPower™ evacuated tube collectors include flush and free-standing (tilt) mounting hardware. TitanPower™ flat plate collectors do not come with hardware, but both flush and free-standing (tilt) mounting hardware is available for every flat plate collector.

IS THE COLLECTOR ALL I NEED FOR SOLAR HOT WATER?

No. Solar collectors are just one of the critical components of a solar hot water system. You will also need a storage tank, pump station, lineset, controllers and other small system components. Please talk to your SunMaxx representative about getting a complete solar hot water system.

HOW LONG IS THE WARRANTY?

The standard warranty on both TitanPower™ flat plate collectors and ThermoPower™ evacuated tube collectors is 10 years.

CAN I INSTALL THE COLLECTORS MYSELF?

We recommend having an installer assist you with the installation if you have previously not installed a solar hot water system.

WHAT IS THE PRODUCTION LEAD TIME?

Manufacturing time varies from 2-5 weeks pending current production runs. Please allocate enough time for production when purchasing a system.



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