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solcan™ was founded in 1975 by Robert (Bob) Swartman and since then has been a leader in the Canadian solar industry. With a dedication to quality and reliability, we are your best choice for solar electric to solar pool, water, and floor heating! We also manufacture our own solar thermal collectors at our facility in London, Ontario.

solcan™ is now run by Bob's granddaughter Jessica & her husband Lyle Lemon. We are a family owned and operated business that is proud to contribute to a positive future for our planet and our children.

Our mandate is to provide cost-effective, high quality, and enhanced durability solar solutions in a constantly evolving energy and economic climate. After 40 years of experience harnessing the sun, our solar business is shining brightly!



SOLAR ENERGY SOLUTIONS

POSSIBLE* INDUSTRIAL APPLICATIONS:

- PUBLIC & COMMUNITY POOLS
- SPAS & WELLNESS CENTRES
- GYMS & HEALTH CLUBS
- CONDOMINIUM & APARTMENT COMPLEXES
- SCHOOLS & RECREATIONAL CENTRES
- HOTELS, CRUISE SHIPS, & WATER PARKS.

*This is only a small list of the possibilities for solar pool heating systems! Inquire with us if you think your business could benefit from harnessing the sun.



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SOLAR THERMAL POOL HEATING SYSTEMS

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YOUR BACKYARD EXPERIENCE WILL BE FIRST-CLASS WITH A SOLAR HEATED POOL

- SAVE MONEY ON HEATING COMPARED TO HYDRO OR NATURAL GAS
- RELAX AND ENTERTAIN SUSTAINABLY
- EXTEND YOUR SWIMMING SEASON BY WEEKS OR EVEN MONTHS
- SUNNY DAYS BRING BENEFITS 2 WAYS: MORE HEAT FROM YOUR PANELS, AND THE PERFECT WEATHER IN WHICH TO ENJOY IT
- OUR TEAM DESIGNS A SOLAR POOL HEATING SYSTEM BASED ON POOL SIZE & ROOF ORIENTATION THAT CAN BE INCORPORATED INTO AN EXISTING POOL SYSTEM

“A solar heating system for your pool is an economical alternative to expensive conventional heaters.”

– Natural Resources Canada

FOR BUSINESS: MAKE YOUR CUSTOMER SERVICE SEAMLESS WITH A SOLAR POOL HEATING SYSTEM

- REDUCE HEATING-RELATED EXPENSES
- ACHIEVE GREEN BUSINESS GOALS
- MAINTAIN IDEAL SWIMMING TEMP.
- EXTEND YOUR SWIMMING SEASON
- SUNNY DAYS MEAN MORE MONEY IN SAVED IN HEATING AND MORE MONEY EARNED IN CUSTOMERS!
- DOES YOUR FACILITY HAVE A WASHROOM? INCORPORATE A SOLAR THERMAL SYSTEM TO SAVE EVEN MORE MONEY BY MAKING YOUR SHOWERS SUSTAINABLE

What is solar pool heating technology?

AN OVERVIEW OF SOLAR THERMAL – WHY YOU SHOULD CARE

Renewable energy technologies are an increasing part of worldwide dialogue, steering climate policy, political debate, and our vision of the future. One of the most reliable and least talked about of these technologies is **solar thermal**, which is used frequently for residential and commercial hot water systems.

A branch of solar thermal is **solar pool heating** technology, which offers substantial operational, economical, and environmental benefits for any home or business owner looking to invest in change!

the profits of solar energy

THE ENERGY AND ENVIRONMENTAL REVOLUTIONS

HOW TODAY'S INVESTMENT WILL BENEFIT TOMORROW

Do you currently have a pool heater? There are financial and environmental costs to operate a conventional pool heater, and these systems require effort to maintain. It can take a lot of physical energy to keep up this maintenance; however, solar pool heating ensures the simple and effective comfort of your swimmers all summer long, without additional stress to your wallet.

ESTIMATED COSTS OF EQUIPMENT, INSTALLATION & ENERGY SUPPLY FOR AN ABOVE-GROUND 21 FT (6.4 M) DIAMETER POOL OR AN IN-GROUND POOL 14' X 28' (4.3 M X 8.5 M)

	SOLAR	PROPANE	NATURAL GAS	HEAT PUMP
EQUIPMENT	\$2,337	\$1,600	\$1,500	\$2,400
INSTALLATION	\$679	\$500	\$500	\$679
ENERGY PER YEAR	\$0	\$850	\$425	\$400
1ST YEAR TOTAL	\$3,016	\$2,950	\$2,425	\$3,400
10 YEAR TOTAL	\$3,016	\$10,600	\$6,250	\$7,000

solcan™ offers you a chance to take control of your heating costs by going solar!

Installing a solar pool heating system on your property means you can fulfill those energy needs locally and emission free. TechnoSolis panels increase your pool temperature by up to 6°C (10°F) per day!

The signing of the Paris Climate Agreement has spurred countries around the world into action to reduce our dependency on fossil fuels and steer ourselves towards a sustainable economy. With our professionally-installed solar systems, we are offering you the chance to take the wheel!

“Solar heaters mean big savings. They are the most cost-effective and best choice for heating your pool.”

– Hydro One

product SOLUTIONS

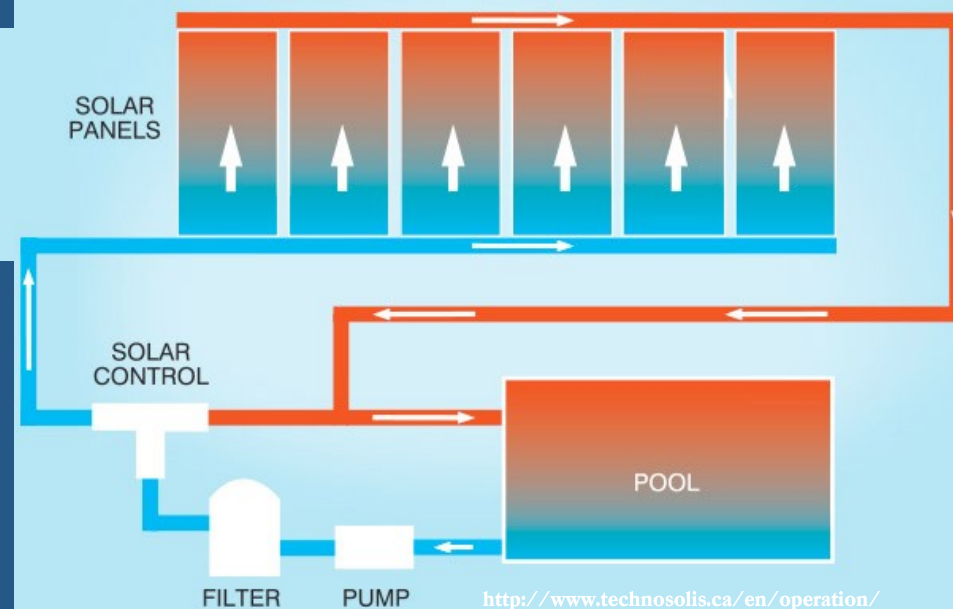
solcan™ supplies quality solar products for professionals and do-it-yourself enthusiasts. Contact us directly for full product information, or shop online at <https://solcanstore.ca>.

design SOLUTIONS

solcan™ offers free assessments for anyone curious about a solar system on their property. Once we get the green light, our team then designs a system based on your needs and consumption, and matches it to your structure's aesthetic.

installation SOLUTIONS

solcan™ has a crew ready to work for you! Whether you designed and purchased your system with us, or simply need us to do the leg work, we have dedicated installers ready to help you harness the sun. DIY not going well? Give us a call, and we can guide you along the process.



HOW DOES A SOLAR POOL SYSTEM FUNCTION?

Black polymer **panels** or “**collectors**” absorb energy from the sun which is then converted into **heat**. Multiple panels are connected to form **an array**, which is sized based on the heating requirement for the pool. Each system has a **manual or automatic 3-way valve** to either route the pool water through the array when there is energy to be gained, or bypass the array when the pool has reached the desired temperature or there is insufficient solar energy available for pool heating.

The **existing pool pump** is typically sufficient to circulate the pool water through the solar array. To further your system optimization ability and maximize system efficiency, **solcan™** recommends the addition of an **automatic solar controller** to ensure the system is working whenever solar energy is available.

SO YOU WANT A SOLAR SYSTEM! WHAT NOW?

We find a lot of our potential customers are intimidated by the process of purchasing a solar system, but **solcan™** is here to eliminate your fear! Here are some handy things to know:

- Solar pool heating systems require little to no maintenance
- Collectors are made and installed to drain at seasons' end and withstand dormancy through harsh winter temperatures
- An investment in a solar pool heating system could pay itself off in two years or less, depending on the project
- Going solar will reduce the amount of carbon entering our atmosphere, progress the green energy transition, and help keep us aligned with our goals surrounding climate change

