

# SOLAR ONTARIO™

## SOLAR POOL HEATING

**SOLAR  
ENERGY IS:  
FOREVER,  
GREEN,  
SAFE,  
FREE !!**

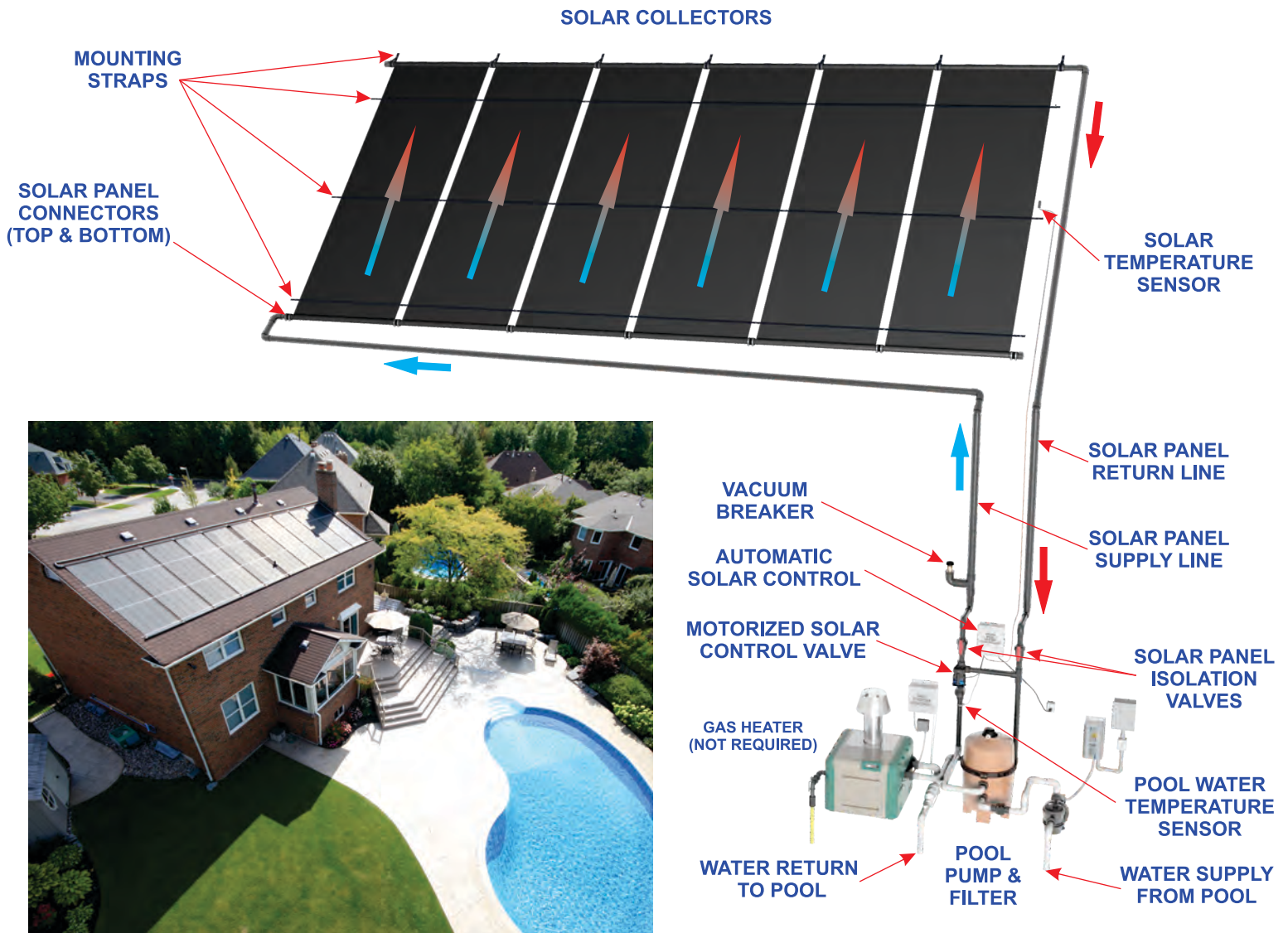
**Displaces  
3 - 8 Tonnes  
of CO<sup>2</sup> a year!**



**35+ years of Canadian Experience and 1,000+ Installations**  
**Oakville - 905-845-2433 e-mail: [info@solarontario.com](mailto:info@solarontario.com)**

# SOLAR POOL HEATING

*"You'll have more fun in your pool with more sun in your pool!!!"*™



## *Effective ! Dependable !! Free !!!*

Solar Energy can heat your swimming pool, expanding your swimming season by up to 50%!!

The solar systems we design and install are warrantied to last for years and years!!

Don't forget that solar heats your pool, cost and greenhouse-gas-FREE,  
allowing you to enjoy a WARMER pool more and more!

## CALL US TODAY FOR A FREE FEASIBILITY STUDY!!



# SOLAR ONTARIO™

DESIGN ♦ SUPPLY ♦ INSTALL

905-845-2433  
Oakville

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## POOL HEATING COST COMPARISON

### ANNUAL HEATING COSTS FOR A 16'x 32' INGROUND POOL

DATA: SOLAR SYSTEM, 6-4"x12" COLLECTORS, AUTO CONTROLLER, INSTALLED  
 DATA: NATURAL GAS HEATER, 250,000 BTU/HR., + GAS LINE, INSTALLED  
 DATA: ELECTRIC HEAT PUMP POOL HEATER, 115,000 BTU/HR., INSTALLED

		SOLAR	GAS	HEAT PUMP
INSTALLED COST		\$4,500.00	\$2,800.00	\$6,500.00
HST ON INSTALLATION		\$585.00	\$364.00	\$845.00
OPERATING COSTS		\$0.00	\$578.55 #	\$594.00 #
HST ON FUEL		\$0.00	\$75.21	\$77.22
<b>TOTAL FIRST YEAR COST</b>		<b>\$5,085.00</b>	<b>\$3,817.76</b>	<b>\$8,016.22 **</b>
YEAR	2	\$0.00	\$702.79 **	\$733.05
	3	\$0.00	\$755.50	\$806.36
	4	\$0.00	\$812.17	\$886.99
	5	\$0.00	\$873.08	\$975.69
	6	\$0.00	\$938.56	\$1,073.26
	7	\$0.00	\$1,008.95	\$1,180.59
REPLACE HEAT PUMP				\$4,000.00
	8	\$0.00	\$1,084.62	\$1,298.64
	9	\$0.00	\$1,165.97	\$1,428.51
	10	\$0.00	\$1,165.97	\$1,571.36
	11	\$0.00	\$1,253.42	\$1,728.50
REPLACE GAS HEATER			\$1,800.00	
	12	\$0.00	\$1,347.42	\$1,901.35
	13	\$0.00	\$1,448.48	\$2,091.48
	14	\$0.00	\$1,557.12	\$2,300.63
	15	\$0.00	\$1,673.90	\$2,530.69
<b>YEAR 15 TOTALS</b>		<b>\$5,085.00</b>	<b>\$21,405.71</b>	<b>\$32,523.31</b>

# VALUE OF HEAT DELIVERED BY SOLAR SYSTEM IF DELIVERED BY HEATER

\* NATURAL GAS INFLATION & HEATER EFFICIENCY LOSS RATE 7.5% PER YEAR

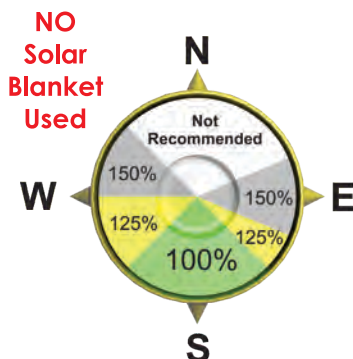
\* ELECTRICITY INFLATION & HEATER EFFICIENCY LOSS RATE 10% PER YEAR

\*\* SOLAR PAYBACK AGAINST A NATURAL GAS HEATER: 2.7 YEARS

\*\* SOLAR PAYBACK AGAINST AN ELECTRIC HEAT PUMP: 0 MONTHS



**Solar Ontario**  
 Is a member in good standing of these professional organizations



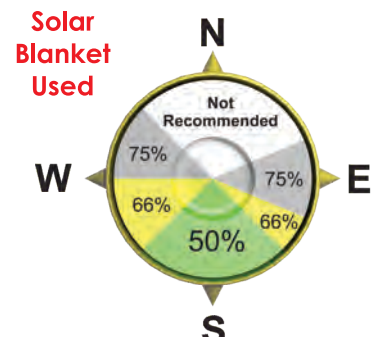
## -sizing Guidelines (FOR OUTDOOR POOLS)

**Minimum** required solar panel area as a percentage of the pool's surface area.  
 Applies to in-ground and above-ground, vinyl liner pools.

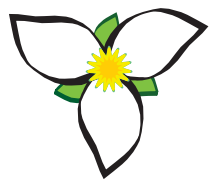
**These charts apply only if two site conditions are met;**

- 1) The pool and the solar panels are not shaded between the hours of 9 am and 5 pm.
- 2) The swimming pool is not exposed in a windy location.

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# SOLAR ONTARIO™

## Not All Solar Collectors are Equal!

**Solar Ontario**™ has installed more than eighteen different brands of solar panel over the past three decades. Each manufacturer, without exception, has claimed to have the "best" product; the most efficient- the best looking- the easiest to install- the most durable - etc., etc. Since **Solar Ontario** installs different solar products, it can take an objective look at each product. **Solar Ontario** consults with solar testing laboratories, such as Canada's National Solar Test facility in Mississauga, and Florida's Florida Solar Energy Center and reviews their test information. **Solar Ontario's** own experience in the field with 1,000+ installations allows it to judge the ease of installation and durability of a product.

Natural Resources Canada has tested and ranked solar pool-heating collectors. The best performing are the semi-rigid plastic types, with no gaps between the tubes. The worst performers are the flexible rubber and "spaghetti-tube" plastic collectors. Ask us for the details on the products tested.

Not only are all solar collectors not created equal, neither do all solar companies have the same capabilities, experience or dependability. **Solar Ontario** will not install a solar system we feel cannot do the job a customer wants it to. We know that solar sometimes is not the answer and will recommend an alternate product and installer if possible.

## This is Really New..

## Hot water using Solar Electricity!

### Solar Ontario

is now supplying & installing a very new technology for heating hot water for homes & businesses. Far superior to the old style glycol-based solar heating systems that were prone to problems and had high maintenance costs - these systems are far more reliable and perform better - and they cost less!!

**New !  
Solar PV  
Hot  
Water**

Ask Us about them!

## COMMERCIAL/MUNICIPAL SOLAR POOL HEATING & WASTE-HEAT RECOVERY

### Canada's Largest Solar Pool Heating System



Tansley Woods Recreation Centre - Burlington ON 2010

Solar heating systems are frequently used to heat swimming pools for commercial, institutional, and municipal facilities. The combination of rapid payback, low maintenance, durability and environmental benefit/goodwill, makes systems we design and install very appealing. **Solar Ontario** has designed, supplied and installed solar pool systems for the Cities of: Burlington, Cobourg, Markham, Toronto, Windsor as well as several towns in Ontario.



**Solar Ontario** has developed a reliable and highly efficient waste-heat-recovery system for commercial & municipal indoor swimming pools. Designed to recapture 75% to 80% of the heat lost to drain-water every day & also save water. Offsets the generation of tonnes of CO<sup>2</sup> a year! Can pay for itself in only 2 - 5 years!

Call us for more info!

**CALL US TODAY!! 905-845-2433 or 1-87-SOLAR-ONT**  
**1290 Speers Rd. Unit 14, Oakville, Ontario L6L 2X4**