

# THERMEAU: The new standard in energy-efficient heat pumps for commercial pools.



**THERMEAU**

CHAUFFE-PISCINE **COMMERCIAL** POOL HEAT PUMP

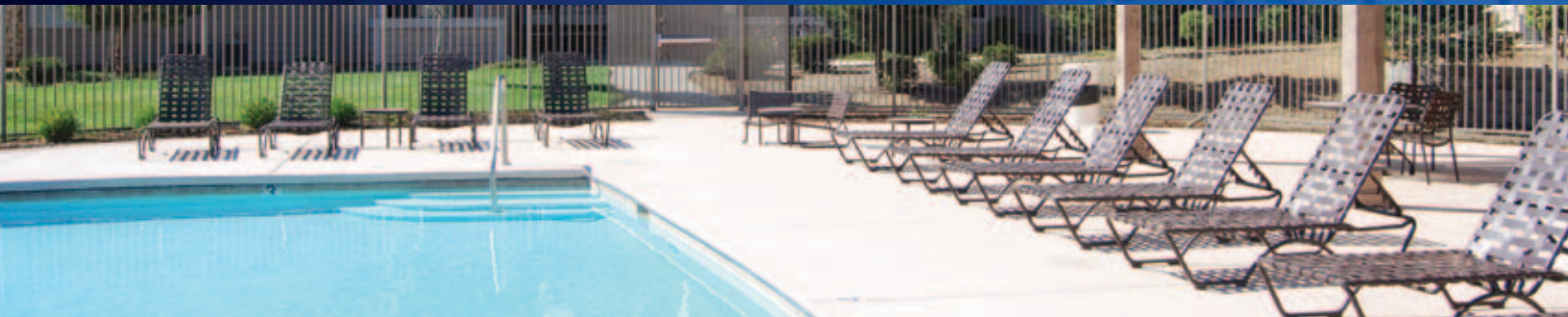
# High-performance commercial heat pumps

Struggling with skyrocketing energy bills and inefficient pool heating? There is a better way. With **THERMEAU**.

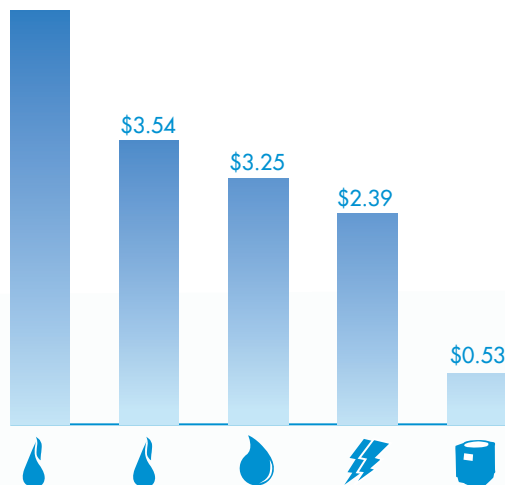
Combining the latest innovations in heat-pump technology, **THERMEAU** is your key to decreasing energy consumption, slashing operating costs—and keeping users comfortable.

**THERMEAU**'s pool heaters are compatible with any type of outdoor commercial pool and can be assembled in series. They are easy to install and even easier to use. **THERMEAU**'s heaters are the quietest in their category and are virtually maintenance-free. Featuring the utmost precision in temperature control, **THERMEAU**'s commercial pool heaters provide users with optimal swimming temperatures, regardless of the time of day or weather conditions.

Designed specifically for commercial properties, such as condos, hotels, motels, schools, parks, and community pools, **THERMEAU**'s pool heaters meet the highest in energy-efficiency standards.



## Usage Costs Comparison Chart



	Propane	Natural Gas	Oil	Electricity	Thermopump
Energy Content	24,200 BTU/Liter	35,543 BTU/M <sup>3</sup>	36,800 BTU/Liter	3,400 BTU/Kw	3,400 BTU/Kw
Efficiency (COP)	80%	80%	85%	100%	450%
Net Energy Content	19,360 BTU/Liter	28,434 BTU/M <sup>3</sup>	31,280 BTU/Liter	3,400 BTU/Kw	15,300 BTU/Kw
Required Quantity for 100,000 BTUs	5.16	3.52	3.2	29.4	6.54
Retail Price	\$0.88/Liter	\$0.89/M <sup>3</sup>	\$0.90/Liter	\$0.072/Kw	\$0.072/Kw
Cost for 100,000 BTUs	\$5.13	\$3.54	\$3.25	\$2.39	\$0.53

## Unparalleled energy efficiency

### Unmatched energy savings

**THERMEAU's** pool heaters cost 5 to 6 times less than standard gas, oil, or electric pool heaters to generate the same amount of energy. And while saving big with **THERMEAU's** heat pumps, you also use a clean, safe, and environmentally friendly way to heat your pools!

## THERMEAU raises the bar in commercial pool heating

**THERMEAU** is the frontrunner in commercial pool heating technology, backed by decades of research and development in the industry as well as field experience. As the only Canadian-based manufacturer of commercial pool heaters, **THERMEAU** offers professional services to commercial pool operators throughout Canada. Shipping and handling are not only inexpensive but also very quick, thanks to **THERMEAU's** products requiring no cranes or platform trucks for transportation. Call us today for more information!

## Why choose THERMEAU?

- Largest single-phase heat pump on the market (200K).
- Robust design, combining plastic and metal, for maximum durability.
- Advanced Hot Gas Defrost (HGD) system enables you to optimally heat your pool when temperatures drop below freezing.
- Innovative design and compressor acoustic cover make **THERMEAU's** pool heaters the quietest on the market.
- Twisted titanium heat exchanger provides maximum heat transfer, resulting in increased output, high efficiency, and super hydraulic flow.
- Three phase unit offers 10-15% more energy efficiency than single-phase pool heaters.
- Oversized evaporator coil for better exchange.
- Profiled fan blade helps to improve airflow and minimize noise.
- Easy installation, thanks to small footprint.
- Easy access front panel to facilitate installation and servicing.
- Lockable temperature control box.
- Multiple installations available for very large swimming pools.



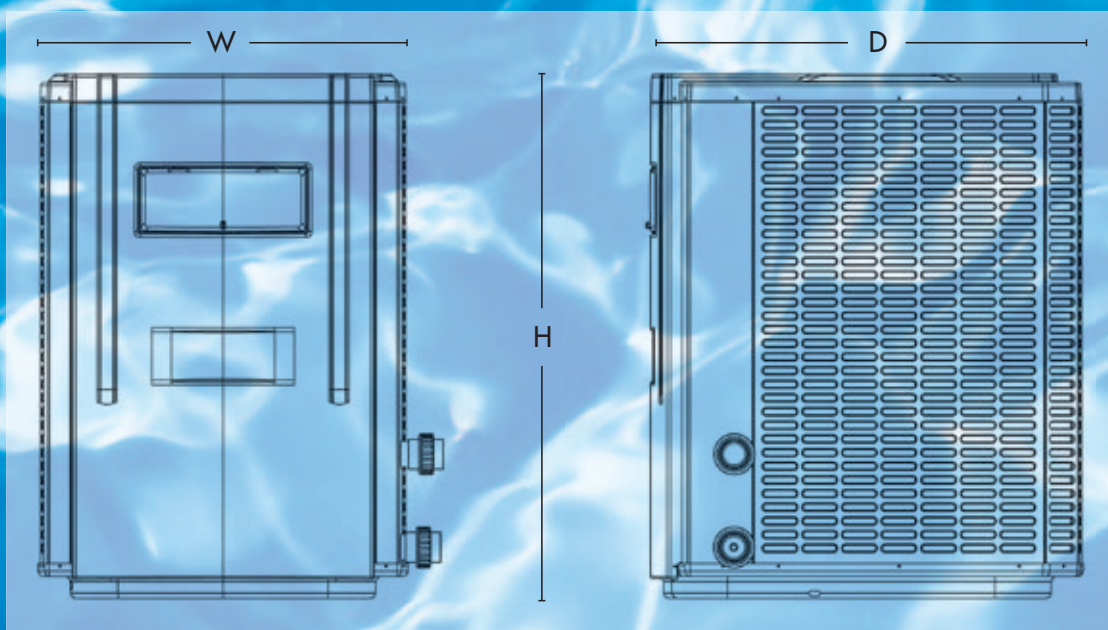
**ENTIRELY DESIGNED  
AND MANUFACTURED  
IN CANADA**

## A robust and reliable product line

MODEL	TH-200	TH-200-3	TH-200-3A
BTU 80 water / 80 air / 80% humidity* - COP	185,000 – 5.7	200,000 – 6	200,000 - 6
BTU 80 water / 80 air / 63% humidity** - COP	172,000 – 5.5	184,000 – 5.6	185,000 – 5.6
BTU 80 water / 50 air / 63% humidity** - COP	116,000 – 4	127,000 – 4	128,000 – 4
Compressor ( HP )	2x5	10	10
Compressor type	Scroll	Scroll	Scroll
Heat exchanger	Titanium / PVC	Titanium / PVC	Titanium / PVC
Heating range (°F / °C)	Up to 104°F / 40°C	Up to 104°F / 40°C	Up to 104°F / 40°C
Voltage Hz/Ph	208-240 60/1	208-240 60/3	575-600 60/3
Required breaker	60	60	30
Plumbing connections	2"	2"	2"
Water flow (GPM)	60 to 125	60 to 125	60 to 125
Dimensions in inches	H: 48 W: 33 D: 39	H: 48 W: 33 D: 39	H: 48 W: 33 D: 39
Hot Gas Defrost	Yes	Yes	Yes
Weight (lb)	445	375	375

\*Tests performed without taking into account the AHRI 1160 standard.

\*\*Tests performed with the AHRI 1160 standard.



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