

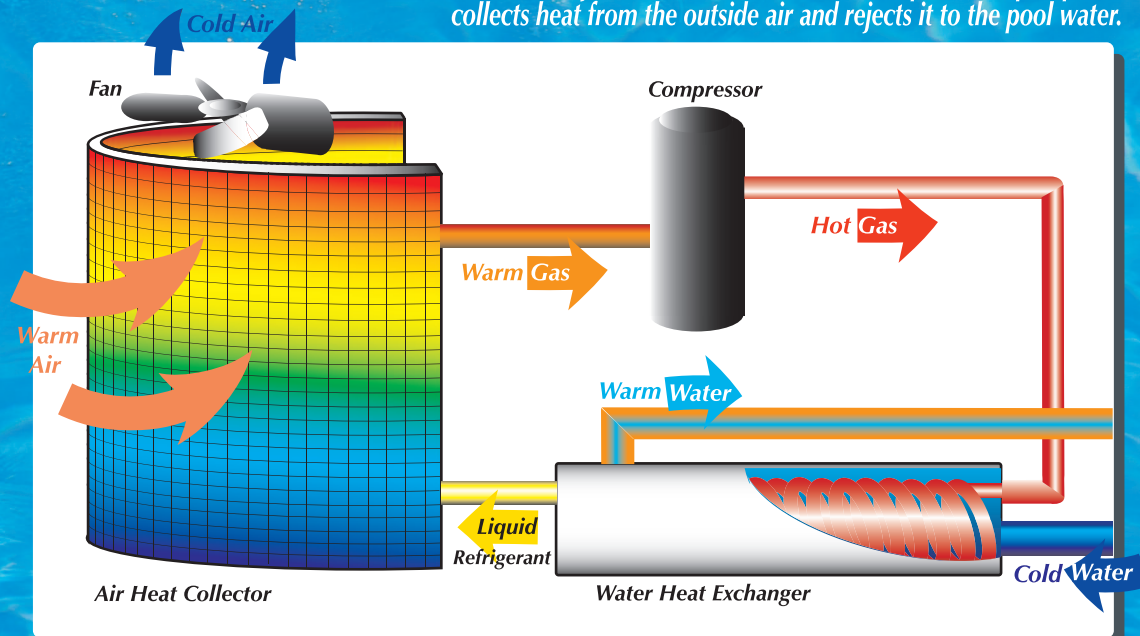
TITAN® Heat Pump Pool Heaters

POOL HEATERS
transfers
heat from ambient
air to pool water

The transfer is accomplished in 2 exchanges –

1. Heat in the air to refrigerant
2. Refrigerant heat to pool water

Just as an air conditioner collects heat from the interior of the home and rejects that heat to the outside, a pool heat pump collects heat from the outside air and rejects it to the pool water.



How **TITAN®** Heat Pump Pool Heaters work for swimming pools and spas.

Standard

- Digital control
- Current temperature
- Diagnostics



Set and forget it.

Tech Specs

Model	TITANIUM					
	TAG1	TAG2	Ti I	Ti II	Ti III	Ti IV
C.O.P.	6.0	6.0	6.1	6.0	6.0	5.9
Heat capacity (BTU/Hr.)	50,000	65,000	80,000	96,000	120,000	137,000
Power supply	AC208/230V/60HZ/1PH					
Heat exchanger	TITANIUM					
Flow rate L/GPM	115/30 – 287/75					
Water connections	1.5"		2"			
Enclosure	Non-corrosive, weather resistant plastic					
Dimensions (H" x L" x W")	25 x 34 x 27	29 x 34 x 27	34 x 34 x 27	41 x 34 x 27	41 x 34 x 27	44 x 39 x 35
Weight	150 lb/68 kg	175 lb/79 kg	185 lb/84 kg	220 lb/100 kg	260 lb/118 kg	290 lb/132 kg

Subject to change without notice.

Dealers:

Made in Canada

Quality North American Parts
Titan Pool Heaters manufactured by
TITAN
SYSTEMS
Cobourg ON K9A 4K2
www.titanpoolheaters.com

Printed in Canada

1. During the operation, air is drawn through the heat collector by a fan. The delicate aluminum fins absorb heat from the air and transfers it to the liquid refrigerant passing through the copper coils within the fins.
2. As heat is absorbed, the liquid "boils" becoming gas. This is called "heat of evaporation".
3. The compressor draws in the warm gas and compresses it, elevating its temperature considerably.
4. The hot gas discharges from the compressor to the condenser coil inside the heat exchanger whereby heat is transferred to the pool water. The temperature of the water is increased as the heat in the gas is depleted.
5. As the gas cools, it changes to a liquid state and returns to the heat collector to absorb more heat, continuing the heating process.

The compressor and fan require only a fraction of electricity to operate, compared to the heat energy that is transferred from the air to the water.



WARRANTY

This appliance is warranted to be free of manufacturing defects in workmanship and materials for two (2) full years beginning from the date of purchase.

The **compressor** is warranted for **five (5) years** from the date of purchase.

The heat exchanger **titanium pipe** has a **limited lifetime chemical corrosion warranty**.

See manual for full details.



TITAN® POOL HEATERS



Sooo...much fun!

Expand your swimming season **economically**

with a remarkably efficient

TITAN[®] POOL HEATER

Your family will delight in months of extra fun and comfort added to your swimming season, as well as increasing your return on investment.

A win – swim story!



Advantages

- ✓ High efficiency performance
- ✓ R410 GREEN REFRIGERANT
- ✓ Quiet operation
- ✓ Low water flow safety cut-off switch
- ✓ Pollution-free operation
- ✓ Simple installation



Energy Saving Performance

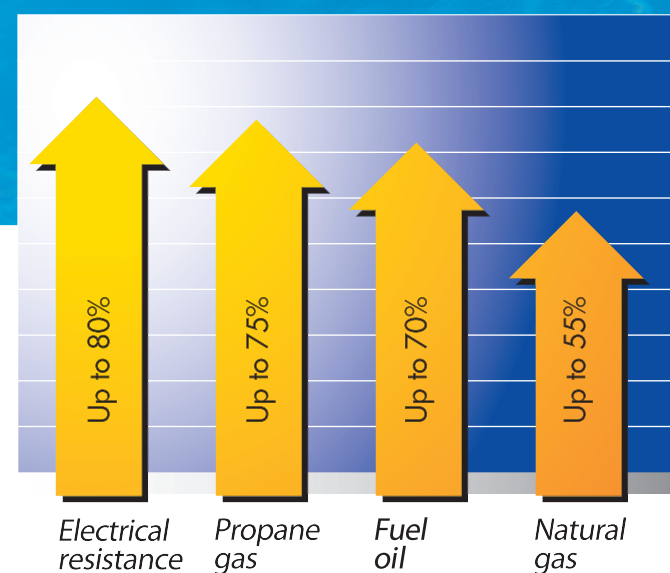
Oversized air heat collectors matched with industry leading designed water heat exchangers are utilized to transfer **free heat**, present in outdoor air, to warm your pool water.

The high efficiency compressor and fan motor require only a fraction of electricity to operate, compared to the heat energy that is transferred from the air to the water.

Indestructible **TITANIUM**

You can have the very best with **TITAN's** **TITANIUM** Heat Exchanger. It will last year after year... regardless of pool water chemistry!

Energy Savings



Peace of mind