

[back to products](#)

In Keeping with the reliability and performance of our classic Titan-ATC Electronic Tankless Water Heater, we have developed the newer and more advanced TITAN-SCR2. The new TITAN-SCR2 incorporates new space age technology and features a faster and more accurate temperature sampling system, a manual resettable thermostat and a new air/water differential analyzing system to prevent dry starts, (which is a key problem for other tankless systems.)

By heating water only as it is needed the TITAN-SCR2 Tankless Water Heater eliminates the need for bulky water heaters that heat water continuously. This can reduce hot water costs up to 60% over conventional electric water heaters. The TITAN-SCR2's high efficiency is in part due to its dedicated analog microprocessor that samples input and output temperatures 21 times per second.

This power control system analyzes the data and manages power usage for maximum efficiency and temperature stability. At rest, the TITAN-SCR2 uses no power at all.

Available in seven models, the TITAN-SCR2 is ideal for a wide range of application. One TITAN-SCR2 unit can supply the hot water needs of home and apartments, and in some applications, energy saving can pay back unit cost in less than one year.

Due to its shielded incoloy heating elements and copper & brass casing, the TITAN-SCR2 is ideal in any application where mineral deposits shorten the life of a conventional water heater.

The TITAN-SCR2 Tankless Water Heater comes with a 10 year warranty on all water-carrying components and all other parts are warranted for one year. Installation is quick and easy, requiring no venting and the TITAN-SCR2 compact size allows installation almost anywhere. The TITAN-SCR2 is without a doubt the Tankless Water Heater for the 21st century.

## Specifications

Compliance	UL-#499
Standards	ANSI-Z. 10.03
Tested	Applied Research Lab # 29-580

Dade Approval	# 97-0627.16
Dimensions	7" W x 10" H x 2-3/4 D
Weight	8 Pounds
Materials	Brass Casing
Pipe Fitting	1/2" Standard Pipe
Pressure Requirements	5 PSI-Min./150 PSI-Max
Voltage	220 VAC Std.(208/277 Avail.)
Elements	Dual Incoloy/Nichrome
Energy Efficiency	Up to 99.5%
Activation	0.4 GPM-on/.3 GPM-off
Indicators	Red-on/Amber-stand by
Warranty	10 years on casing 1 year on components
Protection	Dual Microtemp Thermofuse - Manual Resetable Thermostat

**Patent Pending**

Note that the KW and Amps are controlled by the setting on the Power Mode.

Check specifications on unit used. Voltage, amperage, breaker and wire may vary depending on local electrical standards. Consult a professional plumber or electrician for guidance.

The electrical specifications are based on 220 volts. It should be noted that higher voltage will increase power, just as lower voltage will have the reverse effect. The (POWER MODE CONTROL) can be adjusted to compensate allowing the user to increase or decrease water temperature. For best performance adjust temperature at MEDIUM FLOW (approximately 1 GPM) this is the average water flow at any faucet with an aerator.

Remember, that any adjustments made on your unit will take seconds to reach point of use. DO NOT OVER HEAT WATER. Water temperature from 105F to 120F is adequate for all practical purposes

**MODELS**

Model	Max KW at 220V	Volts	Max Amps at 220V
N-120	11.8KW	220V	54
N-100	10.8KW	220V	49
N-85	8.5KW	220V	38
N-75	7.5KW	220V	34
N-64	6.4KW	220V	29
N-42	4.2KW	220V	19
N-10	3.2KW	110V	29*

\* N-10 uses 110 volts and will supply only warm water.

FLOW RATE (GPM)	MODEL No.						
	N-120	N-100	N-85	N-75	N-64	N-42	N-10
1 GPM	95°	87°	69°	60°	51°	33°	24°
1.5 GPM	64°	58°	46°	40°	35°	22°	16°
2 GPM	48°	44°	34°	30°	26°	17°	
2.5 GPM	38°	35°	28°	24°	21°		
3 GPM	32°	29°	23°				
3.5 GPM	28°	25°					
4 GPM	24°						

**USES**

House -Apartments - Condominiums - Beauty Salons - Hospitals - Boats - Laboratories - Campers - Offices - Schools - Cottages - Restaurants - Barber Shops - Warehouses.

Anywhere hot water is needed.

We reserve the right to amend specifications as new technology develops.

Keeping the consumer in mind, **Niagara Industries, Inc.** has developed a new and more efficient instant water heater, with an improved design and state of the art Technology. Niagara has created a new generation of instant water heaters, engineered for performance never before obtainable.



**The Energy Guzzler**



**INFORMATION**  
U.S. DEPARTMENT OF ENERGY



CONSERVATION AND  
RENEWABLE ENERGY INQUIRY  
AND REFERRAL SERVICE

**Hot Water Energy Conservation**

Heating water accounts for up to 25% of the average household energy. A leak of one drip per second can cost you \$1.00 per month, 2 drips \$2.00 and so on... Installing aerators in faucets and low flow shower heads can save a significant amount of hot water.

**Demand Water Heaters**

One way to save on domestic hot water bills is to use (DEMAND TYPE WATER HEATER). A conventional hot water system heats water in a tank to a specified temperature.

As heat is lost from the tank, the water is reheated until it reaches the specified temperature again. For most of the day the water in the tank is not used, but it loses heat continually. DEMAND WATER HEATERS Eliminate this problem by heating water only as hot water is drawn.

Avg./gal. hot water per/usage	Places	Models
Shower.....20	Houses	N-120 / N-100
Bath.....20	Apartments	N-100 / N-85
Hands and face washing.....4	Efficiencies	N-85 / N-75
Shaving.....2	Point of use	N-64 / N-10
Hair shampoo.....4		
Hand dishwashing.....4		
Automatic dishwashing.....14		
Food preparation.....5		
Automatic clothes washer..32		

N-10 uses 110 volts and will supply only warm water. In areas with cold weather, always use the highest model.

**Facts: A 30 or 40 gallon hot water Heater Tank will supply only enough hot water for one or two showers before running out of hot water! Not with Titan Electronic Tankless Water Heater!**

**IT IS EASY TO SEE WHY CONVENTIONAL WATER HEATERS ARE NO LONGER ECONOMICAL OR PRACTICAL...** They consume electricity to heat water that is not being used, a process that repeats itself over and over even though no hot water is needed.

The "TITAN Electronic Instant Water Heater" provides hot water ONLY when you need it, without the costly reheating process. An electronic component monitors the temperature of the water at different flow rates and maintains a pre-set temperature, allowing the use of conventional or single handle faucets.

[back to products](#)