



SCR-2 SERIES

TITAN ELECTRIC TANKLESS WATER HEATER

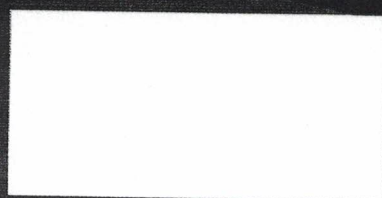


Over the last 29 years, Niagara Industries, Inc. has emerged as the predominant manufacturer of electronic tankless water heaters and has been instrumental in the advancement of tankless water heater design and technology in the industry. Niagara Industries initial designs have become the standard by which many other tankless water heaters are built. Our design center allows us to build units to customer specifications. All this combined has placed Niagara Industries, Inc. at the forefront of tankless water heating technology.

Compliance	UL # 499
Listing	# E212386
Tested	MET Laboratories
Dade Approval	13.0919.07
Dimensions	10" x 7" x 3" / 10"x 5" x 3"
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 / 0.3 GPM-off
Indicators	Red-on / Green- stand by
Warranty.....	10 Years against Leakage 1 Year on components
Protection	Micro temperature Thermostat Manual Resetable Thermostat

Benefits

- Space saver
- Occupies zero floor space
- Compact and lightweight
- Unlimited supply of hot water
- Energy efficiency
- Reduces water heating cost as much as 60%
- Environmentally friendly
- New digital microprocessor controller



NIAGARA INDUSTRIES

Where water meets technology

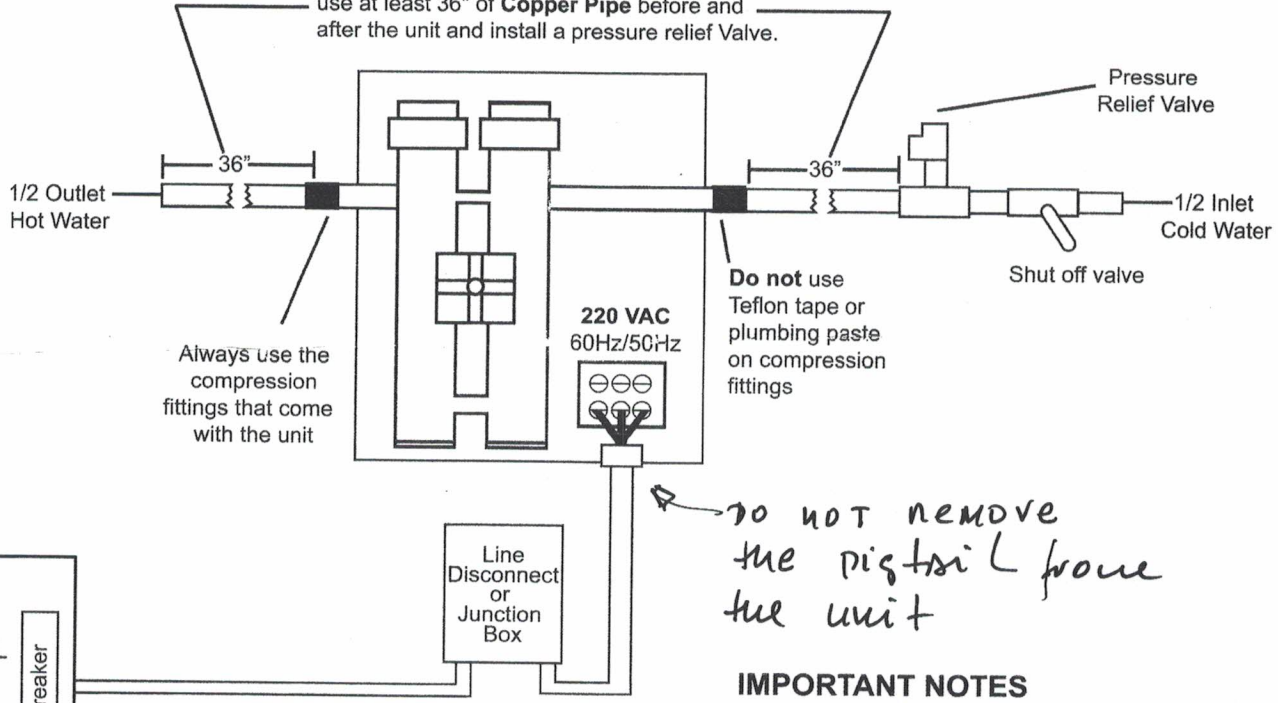
www.tanklesswaterheater.com

ELECTRONIC TANKLESS WATER HEATER

INSTALLATION DIAGRAM FOR TITAN SCR-2 SERIES

IMPORTANT!

For cpvc, pex or any plastic pipe you **MUST** use at least 36" of **Copper Pipe** before and after the unit and install a pressure relief Valve.



IMPORTANT NOTES

1. Always use the wire that comes with the unit to connect to the junction box or disconnect switch.
2. Before turning on the electricity let the water run for ~~20 seconds~~ ^{1 minute} through the unit.
3. Always flush all the water lines before connecting the unit to the copper pipes.
4. Note that excessive heat from soldering on copper pipes near the heater may cause internal damage.
5. **DO NOT OPEN** the unit under any circumstances unless you contact a technician at Niagara Industries to diagnose the problem.

UNIT SPECIFICATIONS AND TEMPERATURE RISE CHART

MODEL	MAXFLOW	KW/HR	VOLTS	AMPS	BREAKER	WIRE	1.0 gpm	1.5 gmp	2.0 gpm	2.5 gpm	3.0 gpm	3.5 gpm	4.0 gpm
N-10	1.5 gpm	3.2	110	29	30	10ga	24 deg	16 deg	N/A	N/A	N/A	N/A	N/A
N-42	2 gpm	4.2	220	19	20	12ga	33 deg	22 deg	17 deg	N/A	N/A	N/A	N/A
N-64	2.5 gpm	6.5	220	29	30	10ga	51 deg	35 deg	26 deg	21 deg	N/A	N/A	N/A
N-75	2.8 gpm	7.5	220	34	40	8ga	60 deg	40 deg	30 deg	24 deg	N/A	N/A	N/A
N-85	3.0 gpm	8.5	220	38	40	8ga	69 deg	46 deg	34 deg	28 deg	23 deg	N/A	N/A
N-100	3.5 gpm	10.8	220	49	50	6ga	87 deg	58 deg	44 deg	35 deg	29 deg	25 deg	N/A
N-120	4.0 gpm	11.8	220	54	60	6ga	95 deg	64 deg	48 deg	38 deg	32 deg	28 deg	24 deg



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