



YOU CAN CHOOSE
HOW YOU SAVE.

UP TO 60% IN ENERGY SAVINGS



www.marey.com

trust reliability
eco-friendly
quality **tradition**
economy





Welcome to Marey Heater Corp.

Marey: who are we?

Marey was named after joining together the name and last name of its founder: Mariano Reyes, a visionary Puerto Rican entrepreneur who founded Marey back in 1955. He has worked all his lifetime making tankless water heaters, being the first product the shower water heater for one point of use, to fulfill his dream of providing affordable endless hot water at home. As time passed, Mariano improved Marey products, services and facilities making Marey a market leader in Puerto Rico. His genuine passion for helping people and improving their life quality has passed on to the next generations in his family, as his son-in-law and now his grandchildren continue his tradition of manufacturing excellent tankless water heaters.

Today, Marey is a company which exports worldwide, and from the first shower water heater for one point of use has now expanded its product portfolio to electric and gas water heaters as well, being always a visionary in the industry and helping many homes to have quality and affordable water heaters to their families.

Innovation

Efficiency

Embracing the Environment

Safety

Experience

TANKLESS WATER HEATER



SHOWER



**Marey was pioneer
in shower water heaters
go green, go tankless**

ELECTRIC



save space, save energy

GAS



perfect for your family

PORTABLE



**hot water on demand,
whenever you need**

SHOWER WATER HEATER



MINI MAREY 110V or 220V

The simplest water solutions for one point of use.

- Saves up to 60% in energy costs.
- Instant hot water.
- This product is designed for areas with high incoming water temperature. Due to the heating power being reduced to conserve energy, it is recommended for the Caribbean region, to provide the necessary amount of heat for your shower.
- 2-year warranty.

Features:

Compact, easy-to-use and 100% automatic.

How it works: screw the heater on the pipe, open the faucet, plug it in and hot water will come out INSTANTLY!

TEMP. INCREASE PER GPM			TEMP. INCREASE PER GPM		
MINI 110		Temp. Increase	MINI 220		Temp. Increase
GPM	0.85	36°	GPM	0.85	36°
	1.0	21°		1.0	21°
	1.25	14°		1.25	14°
	1.5	12°		1.5	12°

TECHNICAL SPECIFICATIONS		MINI MAREY	
Voltage	110V	220V	
Voltage x Amperage = Power	110Vx23,5A=2.6kW	220Vx13A=2.9kW	
Min./Max. GPM	0.85 - 1.5 GPM	0.85 - 1.5 GPM	
Temperature Control	Water Pressure	Water Pressure	
Temperature Increase	110V = 10°F - 23°F	220V = 10°F - 30°F	
Width x Height x Depth	5.3" x 8.7" x 3.9"	5.3" x 8.7" x 3.9"	
Weight	3.5 lbs	3.5 lbs	

SHOWER WATER HEATER



AQUAMATIC
110V or 220V

The simplest water solutions for one point of use.

- Saves up to 60% in energy costs.
- Instant hot water.
- This product is designed for areas with high incoming water temperature. Due to the heating power being reduced to conserve energy, it is recommended for the Caribbean or southern states of the US, to provide the necessary amount of heat for your shower.
- 2-year warranty.

Features:

Compact, easy-to-use and 100% automatic.

How it works: screw the heater on the pipe, open the faucet, plug it in and hot water will come out INSTANTLY!



TEMPERATURE
CONTROL
I - Summer
II - winter

TEMP. INCREASE PER GPM				TEMP. INCREASE PER GPM			
AQUA110		POWER 1	POWER 2	AQUA220		POWER 1	POWER 2
GPM	0.85	27°	36°	GPM	0.85	45°	60°
	1.0	15°	21°		1.0	25°	34°
	1.25	11°	14°		1.25	17°	24°
	1.5	9°	12°		1.5	15°	20°

TECHNICAL SPECIFICATIONS		AQUAMATIC	
Voltage	110V	220V	
Voltage x Amperage = Power	110Vx23,5A=2.6kW	220Vx16A=3.5kW	
Min./Max. GPM	0.85 - 1.5 GPM	0.85 - 1.5 GPM	
Temperature Control	HI & LOW Switch & Water Pressure	HI & LOW Switch & Water Pressure	
Temperature Increase	110V = 10°F - 23°F	220V = 10°F - 30°F	
Width x Height x Depth	5" x 7.5" x 3.5"	5" x 7.5" x 3.5"	
Weight	4 lbs	4 lbs	



POWER PAK
110V or 220V

Four-temperature level adjustment and water flow control.

- Saves water, electricity and space significantly.
- Easy management and simple adjustments.
- Requires very low water pressure to activate.
- Power Pak 110V: This product is designed for areas with high incoming water temperature. Due to the heating power being reduced to conserve energy, it is recommended for the Caribbean or southern states of the US, to provide the necessary amount of heat for your shower.
- 5-year warranty.

Features:

- Unique design with four-temperature level adjustment and water flow control, that adapts to the house circuit breaker, for 10Amp, 20Amp, 30Amp or 40Amp.
- Allows customer to regulate energy consumption, adapting the product to the home's electric capacity.
- Has a filter on the water inlet that avoids sediments to damage the unit.

TECHNICAL SPECIFICATIONS		POWER PAK PLUS	
Voltage	110V	220V	
Power	1.1kW - 4.4kW	2.2kW - 8.8kW	
*Amperage	10A - 40A	10A - 40A	
Frequency	50Hz - 60Hz	50Hz - 60Hz	
Wire Size	8 AWG	8 AWG	
Activation Flow Rate	0.66 GPM	0.66 GPM	
Maximum Flow Rate	2 GPM	3 GPM	
Points of Use	One	For the whole house	
Width x Height x Depth	11.1" x 10.2" x 4.8"	11.1" x 10.2" x 4.8"	
Weight	7 lbs	7 lbs	

TEMP. INCREASE PER GPM					
PP110		1	2	3	4
GPM	0.75	11°	25°	36°	38°
	1.0	8°	18°	30°	32°
	1.25	6°	14°	23°	30°
	1.5	5°	12°	20°	26°
	2.0	3°	7°	11°	16°

TEMP. INCREASE PER GPM					
PP220		1	2	3	4
GPM	1.0	25°	46°	66°	-
	1.5	17°	32°	48°	58°
	2.0	12°	21°	31°	41°
	2.5	10°	17°	25°	33°
	3.0	6°	13°	20°	26°

*US Market:
110V - 1 x 40A Breaker

ELECTRIC WATER HEATER



SANTON
220V

New design with modern technological improvements.

- Instant & endless hot water.
- Activates with low water pressure.
- Easy to install and use.
- 5-year warranty.

Features:

- Reduced size allows installation in any space.
- Sophisticated safety features.
- UL certified.

TECHNICAL SPECIFICATIONS		SANTON
Voltage		220V or 240V
Power		9kW
Amperage		37.5A
Wire Size		8 AWG
Activation Flow Rate		0.66 GPM
Maximum Flow Rate		3 GPM
Frequency		50Hz - 60Hz
Width x Height x Depth		7.8" x 6.1" x 3.5"
Weight		5 lbs



TEMP. INCREASE PER GPM		
SANTON		TEMP. INCREASE
GPM	1.0	56°
	1.25	44°
	1.5	39°
	2.0	27°
	2.5	23°
	3.0	18°

* Install the heater as close as possible to the point of use



MAREYECO110
220V

The smartest hot water solutions for the whole house.

- Compact design: saves space.
- Requires very little water pressure to activate.
- Simple to operate and easy to adjust.
- 5-year warranty.

Features:

- Marey ECO110 units use SMART heater technology. It is a technology that self-modulates the amount of energy used by the heater, thus providing more efficient heating than the old standard type of heating where the heating element is on or off, giving you more consistent temperatures, while saving you money.
- Tankless on demand hot water instantaneous heating.
- No pre-heating.
- No stand-by heating loss; energy-saving.
- Micro-computer control.
- Over temperature protection.
- Conversion between degree Fahrenheit and degree Celsius.

TECHNICAL SPECIFICATIONS	ECO110
Power	11kW
Min. Required Circuit Breaker Size	60A
Max. Amperage Load	45.8A
Recommended Wire Size	8 AWG copper
Voltage	240V
Min. Water Flow to Activate the Unit	0.4 GPM
Water Connections	1/2" NPT
Installation	Vertical Mounted
Width x Height x Depth	8.6" x 14.75" x 3"
Weight	7.5 lbs

TEMP. INCREASE PER GPM		
ECO110		
GPM	1.0	70°F
	1.25	60°F
	1.5	50°F
	2.0	38°F
	2.5	30°F
	3.0	25°F

ELECTRIC WATER HEATER



ECO180 | ECO210 | ECO240 | ECO270
220V

The smartest hot water solutions for the whole house.

- Made with stainless steel cover guaranteeing long life to the product.
- Adjusts to your needs: you can set up your desired output water temperature!
- Compact and powerful.
- Saves water and up to 60% less electricity than conventional tank water heater, making it cost-effective and environmentally friendly.
- 5-year warranty.

Features:

- ETL approved.
- German technology.
- Patent design heating elements (long life time).
- Patent and innovative technology.
- TPCS thermodynamic cycle system.
- Terminator of the limescale.
- Aluminium magnesium alloy casting body.
- Stainless steel aqueduct.
- Imported stainless steel.
- Insulated heat-conducting magnesium powder.
- Nickel-chromium heating element.
- Smart technology that avoids the excess temperature waste to any hot water point of use.
- The only one in the market that doesn't get sediments.

TEMPERATURE INCREASE PER GPM					
GPM	TEMP. INCREASE	ECO180	ECO210	ECO240	ECO270
	1.0	87°	87°	87°	87°
	1.5	80°	80°	80°	80°
	2.0	74°	76°	72°	76°
	2.5	56°	71°	67°	72°
	3.0	46°	60°	59°	67°
	3.5	42°	51°	51°	59°
	4.0	36°	45°	45°	51°
	4.5	31°	40°	43°	48°
	5.0	29°	38°	42°	45°
	5.5	---	34°	40°	43°
	6.0	---	---	38°	42°
	6.5	---	---	---	38°

TECHNICAL SPECIFICATIONS	ECO180	ECO210	ECO240	ECO270
Power	18kW	21kW	24kW	27kW
Min. Required Circuit Breaker Size	2x50A	3x40A	3x40A	3x50A
Max. Amperage Load	75A	88A	100A	112.5A
Max. Temp. Increase at 1.5 GPM	80°F	80°F	80°F	80°F
Recommended Wire Size	8/2 (x1) and 8/3 (x1) 8/2 (x2) and 8/3 (x1)			
Voltage	240V			
Frequency	60Hz			
Min. Water Flow to Activate the Unit	0.85 GPM			
Temp. Scope	86~127°F			
Water Connections	3/4" NPT			
Installation	Vertical Mounted			
Control	Manual			
Width x Height x Depth	11" x 16.1" x 3,5"			
Weight	16.4 lbs			



GAS WATER HEATER

*10L and 16L models are also available with digital panel.



POWER GAS 5L | 10L | 16L

Liquid Propane Gas or Natural Gas

No electrical connection required.

- Compact design saves: space and allows for easy installation just about anywhere.
- Heats unlimited volume of water as needed.
- Hot water is available in just a few seconds.
- Activates by water flow from the moment the faucet is opened.
- 5-year warranty.

Features:

- Saves water and up to 60% less electricity than conventional tank water heater, making it cost-effective and environmentally friendly.
- Can last a lifetime, keeping up to 87% efficiency level.
- Rustproof, no water loss due to leaks.

*Highest gas setting: set for Winter/High
*Lowest gas setting: set for Summer/Low

TEMPERATURE INCREASE PER GPM											
Model	Gas Setting	0.5 GPM	1.0 GPM	1.5 GPM	2.0 GPM	2.5 GPM	2.7 GPM	3.0 GPM	3.5 GPM	4.0 GPM	4.3 GPM
GA5L	Highest	129°	64°	43°	32°	-	-	-	-	-	-
	Lowest	34°	17°	11°	9°	-	-	-	-	-	-
GA10L	Highest	-	100°	67°	50°	40°	37°	30°	-	-	-
	Lowest	68°	34°	23°	17°	14°	13°	9°	-	-	-
GA16L	Highest	-	143°	95°	71°	57°	52°	48°	41°	36°	33°
	Lowest	88°	44°	29°	22°	18°	16°	15°	13°	11°	10°

TECHNICAL SPECIFICATIONS	GAS 5L	GAS 10L	GAS 16L
Hot Water Outlet per Minute	5 LPM / 1.3 GPM	10 LPM / 2.7 GPM	16 LPM / 4.2 GPM
Heat Loss	34,614 BTU/h	79,228 BTU/h	111,903 BTU/h
Activation Flow Rate	10 PSI	10 PSI	10 PSI
Maximmum Flow Rate	2 GPM	3 GPM	4.3 GPM
Width x Height x Depth	11.4" x 17" x 4.7"	13.6" x 23.6" x 6.9"	16.5" x 27.9" x 8.2"
Weight	11 lbs	21 lbs	29 lbs
Gas Type	Liquid Propane Gas or Natural Gas		
Related Gas Pressure (PSI)	0.25 up to 0.5 PSI (NG) & 0.4 (LPG)		
Exhaust Discharge Mode	Flue Duct Type		
Aplicable Water Pressure	3.6 - 145.0 PSI / 0.25 - 10 bar		
Ignition	2D Cell Battery Powered (not included)		
Energy Efficiency	54% - 87%		

* No need for electricity, starts with pulse ignition, powered by 2 D cell batteries.

GAS WATER HEATER



POWER GAS 16L ETL
Liquid Propane Gas or Natural Gas
ETL approved.

- Compact design saves: space and allows for easy installation just about anywhere.
- Heats unlimited volume of water as needed.
- Hot water is available in just a few seconds.
- Activates by water flow from the moment the faucet is opened.
- 5-year warranty.

Features:

- Saves water and up to 60% less electricity than conventional tank water heater, making it cost-effective and environmentally friendly.
- Can last a lifetime, keeping up to 87% efficiency level.
- Rustproof, no water loss due to leaks.



TECHNICAL SPECIFICATIONS	GAS 16L
Hot Water Outlet per Minute	16L (45°F rise)
Heat Loss	Natural Gas:110,000 BTU/h / Propane Gas: 107,000 Btu/h
Activation Flow Rate	0.66 GPM (2.5L/min)
Maximmum Flow Rate	5.4 GPM (35°F rise)
Width x Height x Depth	14" x 22" x 6"
Weight	35 lbs
Gas Type	Liquid Propane Gas or Natural Gas
Related Gas Pressure (PSI)	0.4PSI
Exhaust Discharge Mode	Room sealed-forced draught flue
Aplicable Water Pressure	1.45 PSI – 138 PSI (0.1 – 9.5 bar)
Ignition	Direct Electronic Ignition
Energy Efficiency	82%

	Points of Use	Temp. Increase at Typical per Faucet Flow Rate (Hot Side)*	Temp. Increase at Max Posible Flow Rate	Max Posible Flow Rate per Faucet
For incoming water temperatures below 68°F	1	00 (1 GPM Typical)**	72	2.25 GPM
	2	90 (.75 GPM Typical)	72	1.15 GPM
	3	85 (.6 GPM Typical)	72	.75 GPM
	4	80 (.5 GPM Typical)	72	.6 GPM
	5	72 (.45 GPM Typical)	72	.45 GPM
For incoming water temperatures above 68°F	1	72 (1 GPM Typical)	72	4 GPM
	2	90 (1 GPM Typical)	72	2 GPM
	3	85 (1 GPM Typical)	72	1.3 GPM
	4	80 (.75 GPM Typical)	72	1 GPM
	5	72 (.65 GPM Typical)	72	.8 GPM

*Typical flow rates are based on 40 PSI to the home and faucets with standard flow restrictors. Higher PSI and unrestricted faucets may result in higher flow rates, which may result in a maximum temperature increase of 72°F.

**Incoming flow rates lower than 1 GPM through the water heater, or incoming water temperatures higher than 80°F, may result in water heating to higher than its set point. Avoid scalds!! Always test the water with your hand before using it to be sure that cold water doesn't need to be mixed in first.

PORTABLE GAS WATER HEATER



POWER GAS PORTABLE 5L
Liquid Propane Gas

The best outdoor hot water solution.

- Activated by low water pressure.
- Advanced technology.
- High quality components.
- Easy installation.
- 5-year warranty.

Features:

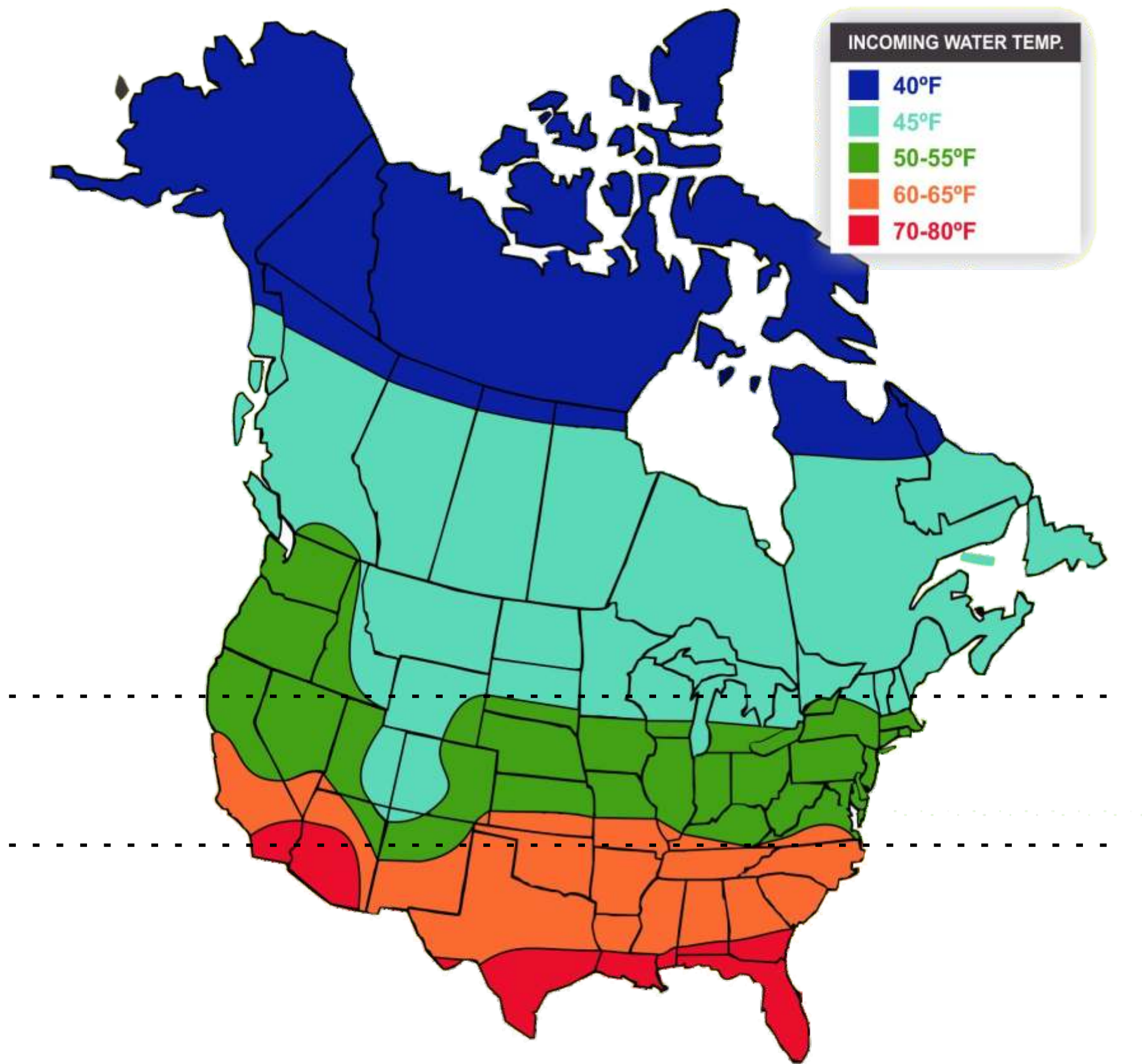
- Energy conserving design with adjustable gas and water controls.
- Automatic IC ignition system.
- Multiple safety sensors including overheat sensor and anti-dry heating device.
- Compact, light weight design for easy portability.

TEMPERATURE INCREASE PER GPM					
Model	Gas Setting	0.5 GPM	1.0 GPM	1.5 GPM	2.0 GPM
GA5L Portable	Highest	96°	48°	32°	25°
	Lowest	34°	17°	11°	9°

*Highest gas setting: set for Winter/High
*Lowest gas setting: set for Summer/Low

TECHNICAL SPECIFICATIONS	PORTABLE
Fuel Type	LPG (Liquid Propane Gas)
Model	GA5PORT
Activation Flow Rate	0.58 GPM
Maximum Flow Rate	2 GPM
BTU/h	35,000 BTU/h
Related Gas Pressure	0.4 PSI
Aplicable Water Pressure	3.6 - 145.0 PSI
Ignition	Electric Pulse, D Cell Battery Powered (No electrical connection required)
Protections	Auto-cut off water control, automatic ignition, anti-dry combustion protection, over-pressure, overheating and flameout protection
Width x Height x Depth	11.4" x 17" x 4.7"
Weight	12 lbs
Pipe Fittings	½" NPT, incoming/outgoing water & gas
Energy Efficiency	54 - 87%

TEMPERATURE MAP



NORTHERN REGION		
Product	Simultaneous Points of Use (SMPU)	Max. Recommended Flow (in GPM)
ECO180	1	1.5
ECO210	1	2.0
ECO240	1	2.0
ECO270	2	2.5
Portable	1	1.3
Power Gas 10L	1	1.5
Power Gas 16L	2	2.0
Power Gas 16L ETL	2	2.0

CENTRAL REGION		
Product	Simultaneous Points of Use (SMPU)	Max. Recommended Flow (in GPM)
ECO180	1	2.0
ECO210	2	2.5
ECO240	2	3.0
ECO270	3	3.5
Portable	1	2.0
Power Gas 5L	1	1.5
Power Gas 10L	2	2.5
Power Gas 16L	3	4.0
Power Gas 16L ETL	3	4.3

SOUTHERN REGION		
Product	Simultaneous Points of Use (SMPU)	Max. Recommended Flow (in GPM)
Santon	2	2.0
PP110	1	2.0
PP220	2	3.0
ECO110	2	3.0
ECO180	3	4.0
ECO210	3	4.5
ECO240	4	5.0
ECO270	5	5.5
Portable	1	2.0
Power Gas 5L	2	2.0
Power Gas 10L	3	3.1
Power Gas 16L	4	4.3
Power Gas 16L ETL	4	4.3

DETERMINING THE PROPER TANKLESS WATER HEATER

Many tankless water heaters come in many different shapes and sizes and there really is no "one size fits all" solution. Determining the proper tankless water heater to fit your application should be based on the number of fixtures that are to be used simultaneously, and their accompanying flow rates. Every home and every end user is different, so the sizing of a tankless water heater should be calculated to fit the needs of each home and user. While one home fitted with low flow fixtures and individuals who are very conscious about their water usage may only need one small tankless unit. Another home with old water hog fixtures and a large family wanting to use many fixtures simultaneously will probably need multiple large units to meet their needs. What it really comes down to is the end user's preference when it comes to performance.

STEP 1

Step 1: List your fixtures

This is a really straight forward step, just go around your home and list the number of fixtures in your home. Separate them into groups of similar fixture types, such as shower heads, rest room faucets and kitchen/utility faucets. Don't forget to list your machinery which use hot water as well, such as washing machines and dishwashers.

STEP 2

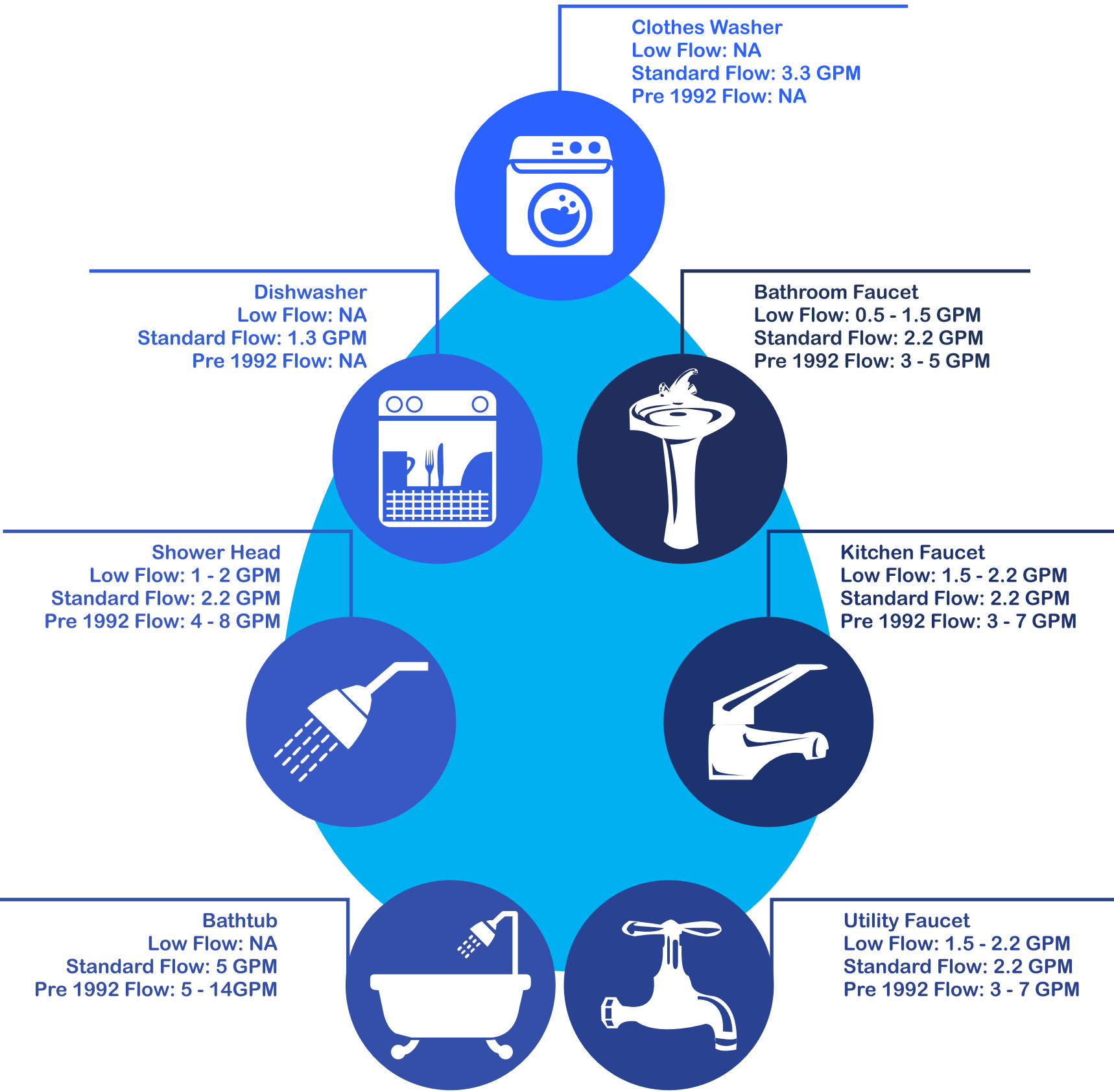
Step 2: Choose Your Simultaneous Needs

Now it's time to figure out which of these fixtures/machinery will need hot water at the same time. Keep in mind the more simultaneous fixtures you need.

STEP 3

Step 3: Calculate GPM for selected fixtures

GPM or Gallons per minute is the standard flow rate measurement in the US and most of your faucets and showerheads will have their GPM flow rate stamped into the side. However, if the fixture does not have the flow rate listed on it or you cannot read it, you have two options; take an educated guess or manually calculate the flow rate.



SHIPPING DIMENSIONS + UPC CODES

PRODUCT	WIDTH	HEIGHT	DEPTH	WEIGHT
Mini Marey	5.3"	8.7"	3.9"	3.5 lbs
Aquamatic	7.5"	9"	4"	4 lbs
Power Pak	11.5"	12.4"	5"	7 lbs
Santon	11.6"	6.6"	4.5"	5 lbs
ECO110	16.5"	11.5"	4.9"	8.4 lbs
ECO180	14.5"	19.1"	5.6"	17.6 lbs
ECO210	14.5"	19.1"	5.6"	17.6 lbs
ECO240	14.5"	19.1"	5.6"	17.6 lbs
ECO270	14.5"	19.1"	5.6"	17.6 lbs
Power Gas 5L	14.2"	23.2"	8"	14 lbs
Power Gas 10L	15.7"	28.1"	9.3"	24 lbs
Power Gas 16L	19.3"	33.8"	11.1"	35.4 lbs
Power Gas 16L ETL	17.36"	29.52"	9.05"	40 lbs
Portable	14.2"	23.2"	8"	12 lbs

CODE	DESCRIPTION	MAREY PREFIX	ITEM NUMBER	CK DIGIT (AUTOMATIC)
MINI110	Mini Marey 110V	764177	43069	4
MINI220	Mini Marey 220V	764177	43069	4
AQUA110	Aquamatic 110V	764177	43096	0
AQUA220	Aquamatic 220V	764177	00001	9
PP110	Power Pak 110V	764177	00002	6
PPXE5 3	Power Pak 220V	764177	43093	9
SANTON	Santon 9kW 220V	764177	43098	4
ECO110	ECO110 11kW 220V	764177	00013	2
ECO180	ECO180 18kW 220V	764177	00025	5
ECO210	ECO210 21kW 220V	764177	43092	2
ECO240	ECO240 24kWw 220V	764177	00010	1
ECO270	ECO270 27kW 220V	764177	00011	8
GA5LP	Gas 5L LPG	764177	43087	8
GA5NG	Gas 5L NG	764177	00003	3
GA10LP	Gas 10L LPG	764177	43099	1
GA10NG	Gas 10L NG	764177	00004	0
GA10LPDP	Gas 10L LPG DP	764177	00028	6
GA10NGDP	Gas 10L NG DP	764177	00029	3
GA16LP	Gas 16L LPG	764177	43100	4
GA16NG	Gas 16L NG	764177	00005	7
GA16LPDP	Gas 16L LPG DP	764177	00030	9
GA16NGDP	Gas 16L NG DP	764177	00020	0
GA16LPETL	Gas 16L LP ETL	764177	00012	5
GA16NGETL	Gas 16L NG ETL	764177	00009	5
GA5PORT	Gas 5L Potable White	764177	00022	4

WHY TO GO MAREY TANKLESS?

Saves Space



Unlimited
Hot Water



Easy to
Use

Excellent
Post-Sales
Service



Saves up to
60% in Energy



Hot Water
on Demand



Easy to
Install

DISTRIBUTION



Warehouses:
Puerto Rico, Philadelphia,
California and Vancouver

Customer Service:
Puerto Rico and Texas

Sales: Worldwide





*Thank you for
choosing Marey.*

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