

Poquito Mas Restaurant

Tankless Commercial Case Study



Los Angeles, California

Founded in 1984, Poquito Mas Baja Taco Stand restaurants have become a staple of California cuisine – catering to a legion of followers and Hollywood celebrities. With 11 locations throughout the Los Angeles area, the restaurant chain consumes large quantities of hot water for both food preparation, cleaning and general usage. In an effort to better meet demand, streamline costs and free up valuable kitchen space, Poquito Mas turned to Bosch Thermotechnology and its line of commercial grade tankless water heaters for its Chatsworth, CA location.

Wall mountable, Bosch tankless units free valuable floor space while delivering hot water to the staff and customers. One condensing Bosch unit, in this installation the C 1210 ESC, supplies 450 gallons of on-demand hot water per day. Condensing technology, an innovation first pioneered by Bosch, captures exhaust gases and uses it to pre-heat the water and ensures the unit operates at optimal efficiency, 98 percent for the C 1210 ESC. Poquito Mas has seen a 15 percent energy savings compared to their previous hot water solution – thanks mainly to the condensing technology found in the Bosch unit. With these savings, Poquito Mas estimates pay back in just three years.



- ▶ **Property Type:** Fast Food Restaurant
- ▶ **Project Goals:** Energy Savings, Eco-Friendly
- ▶ **Equipment Installed:** A single Bosch Therm C 1210 ESC condensing gas tankless unit supplies 450 gallons of hot water per day for the commercial kitchen plus general use of the restaurant



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Product Details

Product Replaced	Competitor 9 GPM Non-Condensing Tankless Water Heater
Product Installed	1 Bosch Therm C 1210 ESC (NG) Condensing Gas Tankless Water Heater
Efficiency	Up to 98% Thermal Efficiency
Input Rate	225,000 BTU/Hr. Max. 25,000 BTU/Hr. Min.
Temperature Range	100° – 180° F
Venting	PVC
ASME Approved	Yes
Low NOx	Yes
Capacity	12.1 GPM Capacity

- ▶ 1 condensing unit supplies 450 gallons of hot water per day for the commercial kitchen plus general use of the restaurant
- ▶ Energy savings are estimated to be 15% and are attributed to the condensing technology of the Bosch Therm C 1210 ESC

Cost

Monthly Gas Expense	\$156.76
Energy Savings	15%
Annual Savings	\$282.17
Payback	3 years

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