

HAE Series

Hot Water – All-Electric – Belt Drive

Pump:

Factory preset unloader ■ Stainless-steel and brass unloader valve ■ Forged brass manifold ■ Thermal relief valve

Motor:

Open drip-proof electric motor (HAE-2503-0E4G) ■ Totally enclosed fan-cooled electric motor with manual thermal overload protection (HAE-3004-0E4G) ■ On/Off power switch

Frame:

Stainless-steel base and frame with rubber isolators

Component:

Time delay shutdown

Heat Exchanger:

Used for consistent and efficient on-demand hot water ■ 120°F to 130°F temperature rise above in-take water, obtained within 3 to 5 minutes ■ Adjustable thermostat ■ On/Off power switch ■ Powder coated steel frame ■ Revolutionary cartridge design ■ Low maintenance, stainless-steel coils in aluminum casings for maximum efficiency ■ Eliminates constant cleaning ■ Eliminates heat loss

Unit Includes:

Quick connect nozzles - 0°, 15°, 25° and 40° ■ External downstream detergent injector, AW-8400-0021, with detergent nozzle ■ 50-foot x 3/8-inch wire-braided high pressure black hose with quick connects ■ Professional-grade insulated trigger gun with safety lock-off ■ Adjustable pressure insulated dual lance

Limited Warranties:

1 year electric motor ■ 10 year General pump

Certification:

CSA Certified - US and Canada

The all-electric HAE Series produces consistent on-demand hot water, perfect for cleaning food and beverage facilities where the emission of fuel and exhaust fumes is prohibited. The revolutionary heat exchange cartridge design is safe and reliable for fast and efficient cleaning.



HAE-3004-0E4G



MODEL NUMBER	PSI	GPM	HORSEPOWER/MOTOR	UNIT AMPERAGE	PUMP	Mi-T-M NO.	HEATER KW	TEMPERATURE RISE	DIMENSIONS (LxWxH)	SHIP WT.	NET WT.
HAE-2503-0E4G	2500	2.8	6.0 HP, 460V, 3Ø	66.0A	General	3-0203	48	120°F	36x25x49in.	725 lb.	625 lb.
HAE-3004-0E4G	3000	3.9	8.0 HP, 460V, 3Ø	98.0A	General	3-0202	72	130°F	36x25x49in.	830 lb.	725 lb.

Options:

PART NUMBER	DESCRIPTION	FITS MODELS
CX-0069	Auto start/stop	All models
CX-0078	Remote box	All models

HAE Series Heat Exchanger Design

HAE Series Patented Heat Exchanger Design

Mi-T-M Corporation holds the patent for a unique dual coil heat exchanger design which allows each cartridge to heat water twice, keeping the internal heat of the cartridges constant. Heat is transferred into the aluminum casting keeping the heat element from coming into contact with water eliminating calcium and build-up on the coils.

- The HAE Series is designed to eliminate one of the industries most common problems – direct contact of water to the heat element drastically shortening the life of the element.
- The tubing that carries the water through the heating element is made up of 316 stainless-steel which is the preferred in the industry.
- The alternating water flow through each heat exchanger allows for even heat distribution.
- The HAE Series heat exchanger system eliminates the water/oil bath maintenance and stagnant odor.
- The HAE Series creates 20% higher temperature rise unlike most competitive designs. A constant temperature is maintained which is required to satisfy the performance needed.

