

Retrofit: GAS BURNER – MART Power Washer

You can retrofit an Eclipse Gas Combustion burner to your existing MART Power Washer. Eclipse burners fire at high capacities through your current heat exchanger. The combustion gases from the burner scrub the inner tube surfaces to produce the highest heat transfer rate of any immersion burner available.



Retrofit Burner in Factory Test

Benefits:

- Reliability, fires every time,
- Eliminate constant service calls and adjustment
- Efficiency at 80% or higher.
- Pre-fabricated easily attached.
- Shorter heat-up time
- Higher operating temperature for better cleaning.
- Quiet operation, no rumble.
- Not affected by seasonal atmospheric changes

Retrofits include the burner head with integral high pressure blower, pre-piped dual valve gas train, prewired controls & enclosure that are easily installed at your facility. The complete system comes complete and is test fired at the factory before shipment.

Control System:

Designed for integration to your existing MART Power Washer electrical control panel to minimize connection issues. This system is in use in multiple installations worldwide and meets all gas code requirements.

- High Reliability Controls
- FM Rated Flame Control Module
- Industrial Dual Valves provided positive valve actuation feed back to the controller
- Enclosure Disconnect provides safe access
- Updated electrical schematic of washer and burner system



Retrofit Burner installed on MART Washer

Heat Exchanger

If required a new heat exchanger is available that further increases the Eclipse combustion efficiency. In conventional immersion heating, every cubic inch of a tank is crammed with a bulky, large diameter tube. Replacing this tube with a compact smaller diameter tube in a serpentine shape provides substantial advantages:



- Reduced fuel costs
- Higher tank temperatures
- Conserved washer reservoir space.