

# EZ Plate® Instantaneous

AquaPLEX® Duplex Stainless Steel Storage Tank

## Standard Features and Equipment

### Heat Exchanger

- ASME Section VIII, Div. 1 stamped and National Board registered for 362 psi maximum allowable working pressure
- Counter-flow, double-wall 316L stainless steel brazed plate with enhanced plates for improved heat transfer

### Domestic Piping and Controls

- Factory-assembled copper, brass and bronze waterside piping (150 psi maximum allowable working pressure) (includes press-form fittings (Viega® ProPress®))
- Infinitely modulating self-contained thermostatic temperature control valve
- ASME-rated pressure relief valve
- Over-temperature solenoid shutoff valve
- Immersion temperature limiting device (high limit control)
- Clean in place valves for heat exchanger
- Bronze Y-strainer with blow down valve
- Factory ready for connection to the building's domestic water re-circulation piping
- Heavy-duty steel stand with durable powder-coated finish
- Hot outlet temperature gauge
- Isolation valves

### Warranty

- 18-month heat exchanger warranty against thermal shock, material or manufacturing defect (PV8465B)<sup>1</sup>
- 1-year cost-free service policy (PV 551)<sup>1</sup>  
Conditions exist outside of the continental United States

### Codes and Standards

- Intertek/ETL listed: NSF 372 lead free

<sup>1</sup>See complete warranty and service policy for full details

PVI reserves the right to change the design and specification without notice.

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## Factory Options Packages

### 2. Electronic Temperature Monitor Package

- Electronic temperature monitor with LED readout
- Local alarm
- 485 serial cable to connect electronic operator to BAS (Modbus RTU)

### 5. Boiler Water Valve Package

(150 psig, 220°F maximum)

- 2 way modulating boiler water control valve with Y-strainer

## Field Installed Options

(Ordered as a line item)

- Water pressure gauge (PN 75085) (PN 146456 for 160°F models)
- Inlet water temperature gauge (PN 78396)
- Boiler water temperature and pressure gauge on the inlet and outlet (PN 128517)
- Y-strainer with blow down valve on boiler water inlet (consult factory)
- Protocol gateways (requires Option Package 2)  
- Bacnet MSTP

## Custom Configuration

Consult representative for all additional custom options

## Model Number Sequence

Base Model # + “Packages” + “Outlet Temperature”

Example: EZ90DW-2-160



Hot Water Solutions

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