

EZ PLATE[®] INSTANTANEOUS

Double-wall, Brazed Plate Water Heater

Energy Source: Boiler Water



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 and SERVICE POLICY

- 18-month heat exchanger warranty against thermal shock, material or manufacturing defect (PV8465B) ①
 - 1-year cost-free service policy (PV551) ①
- Conditions exist outside of the continental United States

CODES AND STANDARDS

- Intertek/ETL listed:
NSF 372 lead free

① See complete warranties and service policies 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) (includes Electronic Temperature Monitoring Package)
- 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 IP Bacnet MSTP

CUSTOM CONFIGURATION

Consult Rep for all additional custom options

PART NUMBER ORDERING SEQUENCE
BASE MODEL# + "PACKAGES" + "OUTLET TEMP"
Example: EZ90DW-2-160



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