



DYNAFLO

prepackaged instantaneous indirect domestic hot water system



choice in size and material

The DynaFLO is available in 12 different models ranging up to 340 GPM of domestic hot water (DHW) at 60°F Delta T. It is equipped with a 3-way motorized valve, a very accurate PID based control and a variety of options in material.

accurate and precise control

Under steady flow, DynaFLO's ultra-precise control system keeps the outlet temperature within +/-1°F of setpoint which is unheard of in the industry!

patent pending IntelliFLO technology

Equipped with Camus' patent pending IntelliFLO technology DynaFLO can keep the domestic water outlet temperature within +/-2°F of user selected setpoint under sudden load fluctuations (50% load drop within seconds). This technology therefore allows DynaFLO to prevent sudden temperature spikes.

effortless operation

With DynaFLO's control system, unlike some other competitors' products, there is no need for adjusting control related parameters. All PID parameters have been rigorously fine-tuned through months of in-depth testing and analysis. Parameters related to Camus Hydraulics' patent pending IntelliFLO technology automatically adjust to adapt to different load conditions to keep DHW outlet temperature accurate even under harsh load swings.

performance highlights

- Smallest footprint in the industry 6.5<ft2
- DHW side piping material options: Stainless Steel and Copper
- Boiler side piping material options: Stainless Steel, Black Iron or Copper
- Stainless steel plate heat exchanger – low maintenance as there are no gaskets
- Choice of double wall or single wall heat exchanger
- Victaulics for easy removal and maintenance of the heat exchanger
- 3-way electronic control valve
- Inlet Strainers on boiler and DHW side
- Anti-Scaling circulation pump
- Pressure relief valve
- T&P valve (Optional)
- Boiler side differential pressure gauge (Optional)
- System isolation valves
- High Limit Switch mounted on DHW outlet
- Air vent
- Precise control system that maintains DHW outlet temperature to within +/-1°F of setpoint under steady flow conditions - Most accurate in the industry!
- Patent pending IntelliFLO Technology maintains DHW outlet temperature (+/-2°F of setpoint) under load fluctuations thereby preventing sudden temperature spikes – (Optional)
- No need for PID fine tuning or any control related parameter adjusting
- Full color 4.3" user friendly HMI
- Modbus communications
- Remote operation capability
- Audible and visual alarms
- Dedicated alarm contacts
- Data-Logging
- Plug and play installation (120VAC Single Phase)
- Fuse protected
- Separate Pump On/Off switch
- Glycol system compatible*

control system

The control system of DynaFLO is made up of a PLC (Programmable Logic Controller), a DHW outlet RTD sensor, an Electro-hydraulic actuator on the boiler side, and a flowmeter if equipped with the IntelliSense Technology.



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