

## Delta T Systems Eco Series Temperature Control Unit

### Compact Unit - Technical Specifications

#### Heating and Cooling

The standard 2 tank design allows for either 4.5KW or 9KW heating in this compact cabinetry. The unit allows for direct injection cooling with either a ¾" or ½" solenoid valve.

#### Low Maintenance combined with High Reliability

The unit also has the following safety features built in: a bi-metal switch that protects the heater from overheating, circuit protection for the motor, high temperature pump seal and a dry run protection for the heater.

#### Other Design Improvements and Material Considerations

A judicious set of design improvements and material selections make the new generation of temperature control units less susceptible to traditional maintenance problems, and easier to maintain.

- IEC compliant components
- Easy access for high maintenance components
- Non-ferrous piping and pump





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## Standard Equipment Features

- 4.5 or 9KW Heater
- 250°F (121°C) Fluid Operating Temperature
- Microprocessor-Based PID Controller
- Motor Overload Protection
- Over Temperature Protection
- Low Water Pressure Protection
- High Pressure Safety Relief Valve Protection
- Liquid-Filled Delivery and Return Pressure Gauges
- Fused Transformer
- Grounded Circuit Control
- Pilot Lights indicating Separate Functions of Use
- Rugged, Heavy Gauge Sheet Metal Cabinet
- Mounting feet or no casters/feet
- NEMA 1 Electrical Specifications & Wiring in Conformance with NEC Electrical Codes
- Automatic Venting
- Solid State Heating Contactor

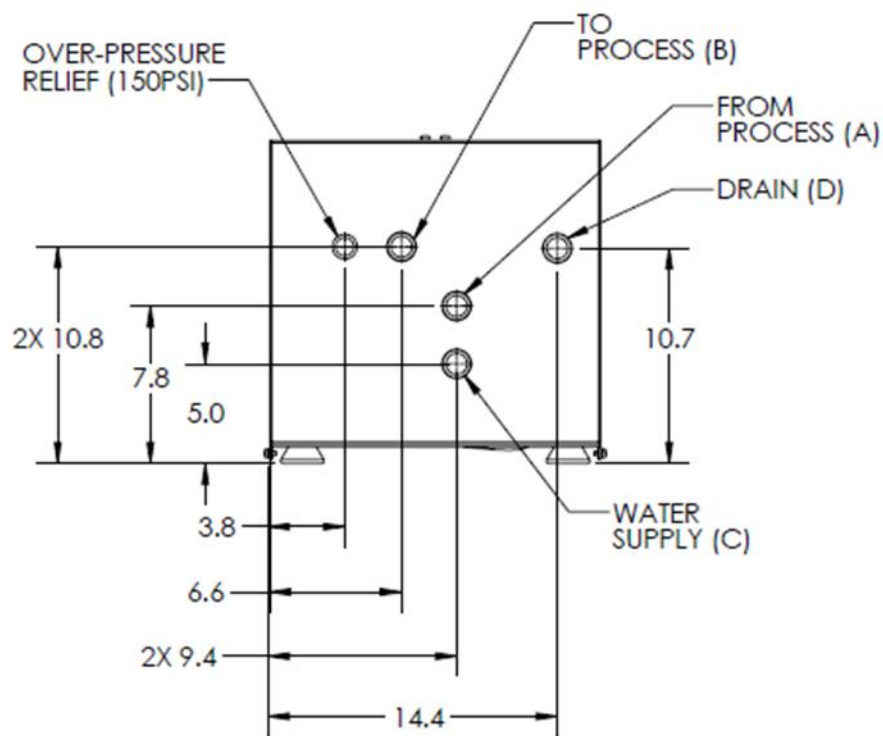
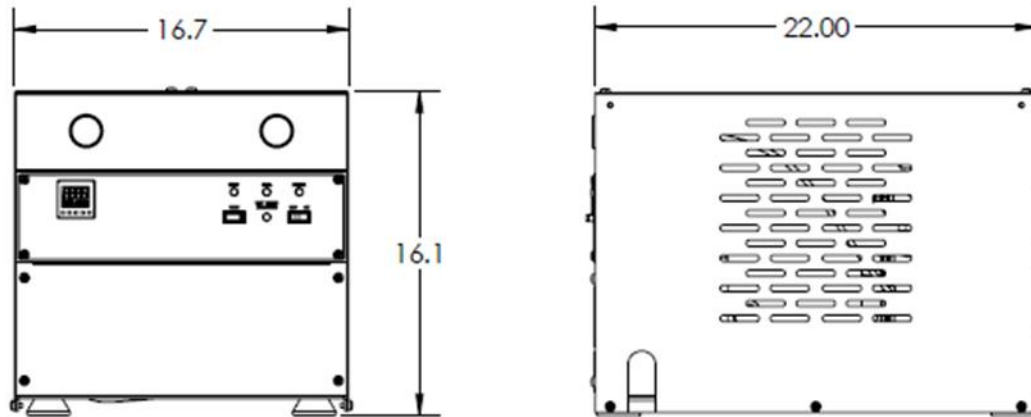
## Optional Features

- 50 and 60 Hz
- 230 and 460V
- Remote Start/Stop
- Remote Sensor input
- Stacked Units
- Audible or Visual Alarms
- Larger Solenoid Valves
- 1 3/8" Industrial-Grade Casters, swivel and lockable



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## CONNECTIONS

FROM PROCESS (A):	3/4"	NPT	WATER SUPPLY (C):	3/4"	NPT
TO PROCESS (B):	3/4"	NPT	DRAIN (D):	3/4"	NPT



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Model	Heating Capacity (KW)	Pump Size (HP)	Minimum Circuit Ampacity		Dimensions (in)			Shipping Weight (lbs)
			460V	230V	Height	Width	Depth	
ECW-05C	4.5	3/4	8.3	16.6	17.3	16.7	22.0	-
ECW-09C	9	3/4	15.1	30.2	17.3	16.7	22.0	-

