

# HWAT-ECO Electronic Control Unit



nVent RAYCHEM HWAT-ECO is an energy efficient control and monitoring unit for nVent RAYCHEM HWAT self-regulating single pipe hot water systems. It provides flexible temperature control and additional energy savings, with integrated functions that lower the maintain temperature during low use periods.

## FEATURES

Energy saving: additional savings up to 21%

Energy saving: 7 specific building type programs with typical 'on' and 'off' modes for these buildings, integrated clock function to define 'on' and 'off' times

Easy to connect and to operate: large, colored touch screen

Pre-set up in power-off mode by external power bank/charger via USB connection

In-wall or panel mounted

Alarm relay with changeover contact to signal power, temperature or communication problems

## SPECIFICATIONS

Table 1/3

Catalog Number	Item Name	Mounting	Voltage AC	Display	Enclosure	Max Exposure Temperature
1244-019897	HWAT-ECO-V5	Wall Mounted/DIN Rail	230 V	5" Color Touch Screen	Polycarbonate	40 °C

Table 2/3

Catalog Number	Item Name	Pipe Sensor	Boiler Sensor	Function	Alarm Signal, Potential Free	Self Diagnostic Feature
1244-019897	HWAT-ECO-V5	Yes	Yes	Hotwater Temperature Maintanace	2 A: 24 VAC/VDC	Yes

Table 3/3

Catalog Number	Item Name	Built-In Ground Fault Protection	Height	Depth	Length
1244-019897	HWAT-ECO-V5	No	110 mm	85 mm	210 mm

## WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at [www.nvent.com](http://www.nvent.com) and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

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