

## Settings for Daikin

[Installer reference guide \(daikin.eu\)](http://daikin.eu)

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Benefit kWh power supply;

[9.8.4] [D-01] Connection to a Benefit kWh power supply or a Smart grid -> (3) Smart grid: A  
Smart Grid is connected to the system

[9.8.6] Allow electrical heaters -> No

[9.8.7] Enable room buffering -> Yes

Energy metering -> [9.A.2] [D-09] Electricity meter 2 -> (7) 1000/kWh for PV panel: Installed

Pg 153 - Setpoint range;

[1.5.1] [3-07] Heating minimum - 16

[1.5.2] [3-06] Heating maximum - 26

Pg 154 - Room comfort setpoint

[1.9.1] [9-0A] Heating comfort setpoint ▪ [3-07]~[3-06]°

## Settings for Eddi

Eddi-Manual-.pdf (myenergi.com)

Main Menu -> Settings;

Display -> Icons;

Heater1 -> Top Immersion

Heater2 -> None

Priority;

Heater1

Advanced Menu -> Relays & Sensors;

Temperature -> PT1 Set Point;

65°C

Relay 1 -> Export;

On Threshold: 1kW

Off Threshold: 500W

Inc Diverted: YES

Min On Time: Set this to reduce cycling of heat pump 15m

Min Off Time: Set this to reduce cycling of heat pump 5m

eSense Input -> Boost;

Heater 1

Additional components required.

Eddi Relay board

Buy eddi Relay and Sensor Board Online Today | myenergi UK

Pulse meter for S4S connection on heat pump

OB115-MOD Single Phase MID CT Meter ([owen-brothers.com](http://owen-brothers.com)) (with split core CT clamp)

Additional wiring,

4 core 0.5mm from heat pump to Eddi

2 core 0.5mm from pulse meter to heat pump

Immersion cable from heat pump must be run into Eddi,

Extra connections.

Eddi Relay board.

2NO – Heat Pump X5M 5

2C – Heat Pump X5M 6

1NO – Heat Pump X5M 9

1C – Heat Pump X5M 10

E Sense1 – Heat Pump Immersion Neutral

E Sense2 – Heat Pump Immersion Live

Heat Pump X5M.

3 – Pulse meter terminal 5

4 – Pulse meter terminal 6

5 – Eddi Relay board 2NO

6 - Eddi Relay board 2C

9 - Eddi Relay board 1NO

10 - Eddi Relay board 1C

Pulse Meter.

1 & 2 – CT Clamp in/Out

3 – Live

4 – Neutral

5 - Heat Pump X5M 3

6 - Heat Pump X5M 4

PT1000 for eddi to be attached to output of the DHW cylinder for approximate reading