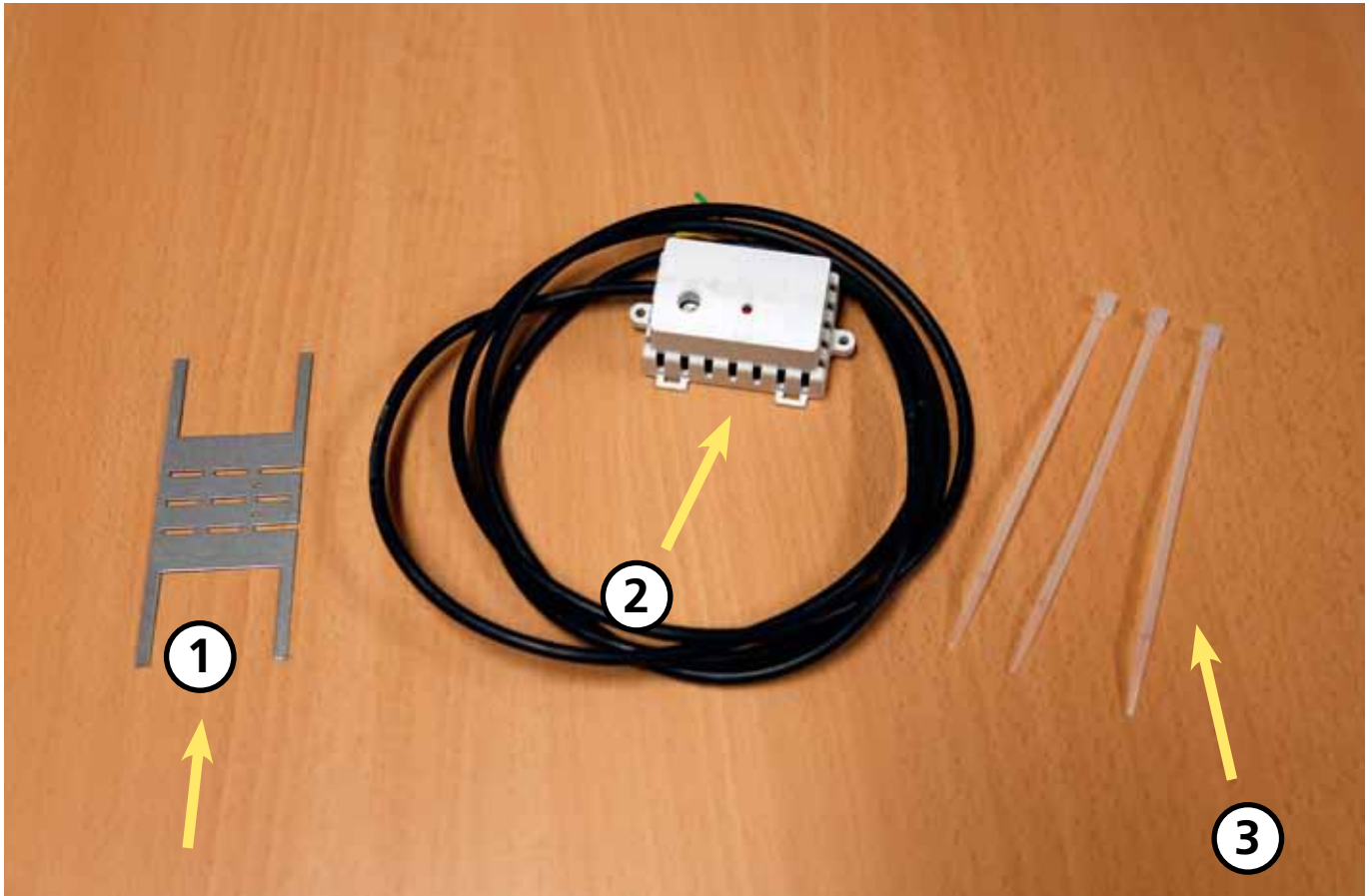


WCD2 PARAGON - m

Installation instructions for condensation sensor



Condensation sensor WCD2

General description of the Condensation Sensor WCD2 Paragon

The Sensor WCD2 Paragon is designed to meet the requirements to provide early warning of condensing conditions. In case of a problem with the system the sensor is used as a safeguard to avoid condensation from the chilled beam. The sensor operates on dew point temperature rather than a fixed value of relative humidity.

The dew point is calculated from a temperature compensated RH element and a high accuracy thermistor which are thermally bonded to the metal plate of the sensor.

The volt-free contact relay in the sensor is activated when the dew point temperature is below the calculated dew point temperature (there is a safety factor included in the calculated dew point). NOTE: the sensor should be mounted on incoming cooling water pipe and close to the coil.

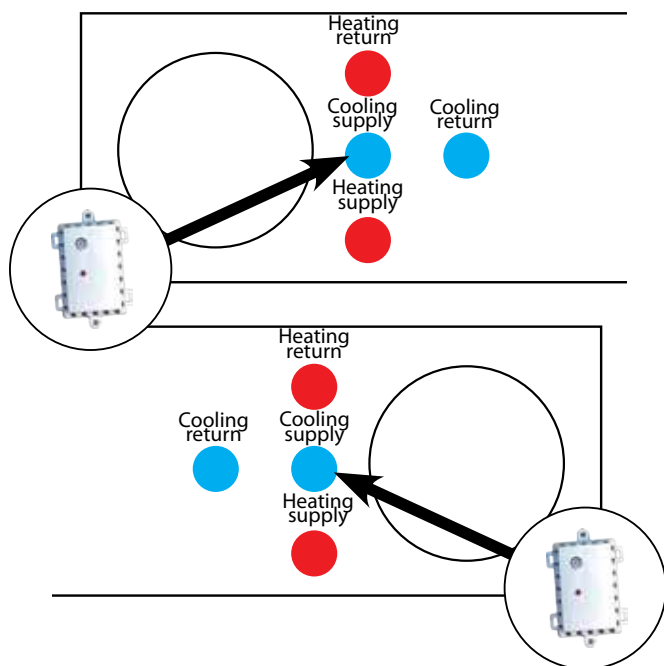
LED Indication.

The red LED, visible through the top of the housing, has 4 functions.

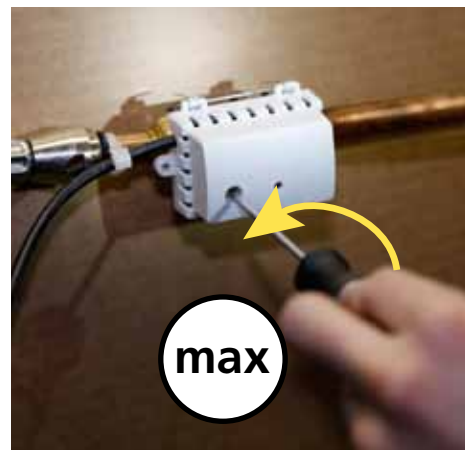
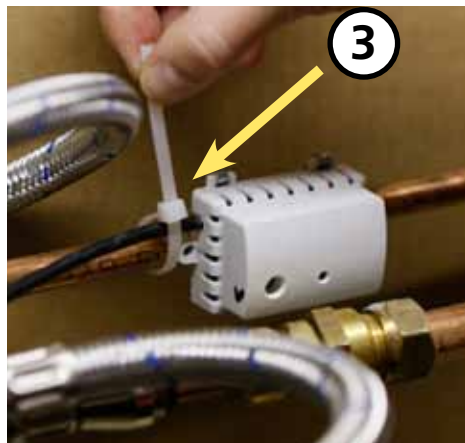
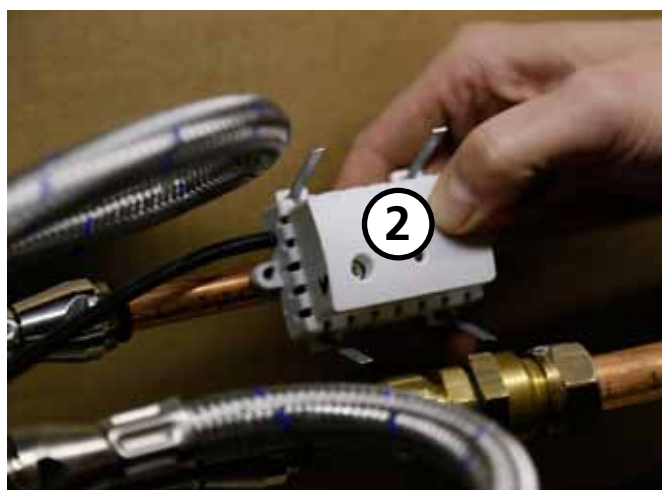
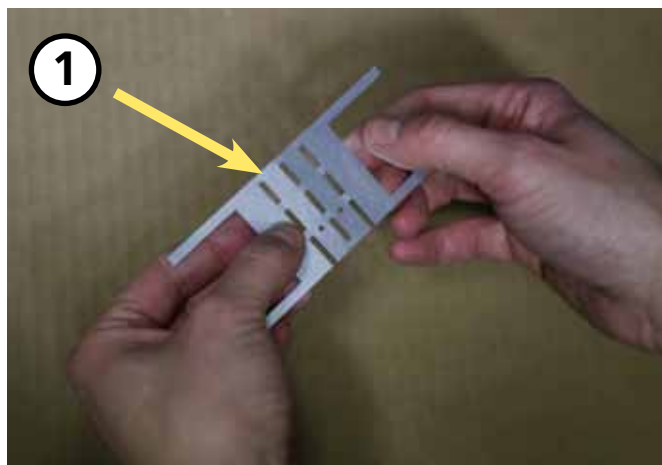
1. Short blink once every 15 seconds to show the device is working properly
2. Rapid continuous blinking to show the dew point switching set point is close
3. Continuously ON when the output is switched on.
4. On long flash followed by 2 short flashes to show the temperature element is faulty.

Condensation sensor WCD2 - PARAGON

To connect the condensation sensor on a copper pipe.

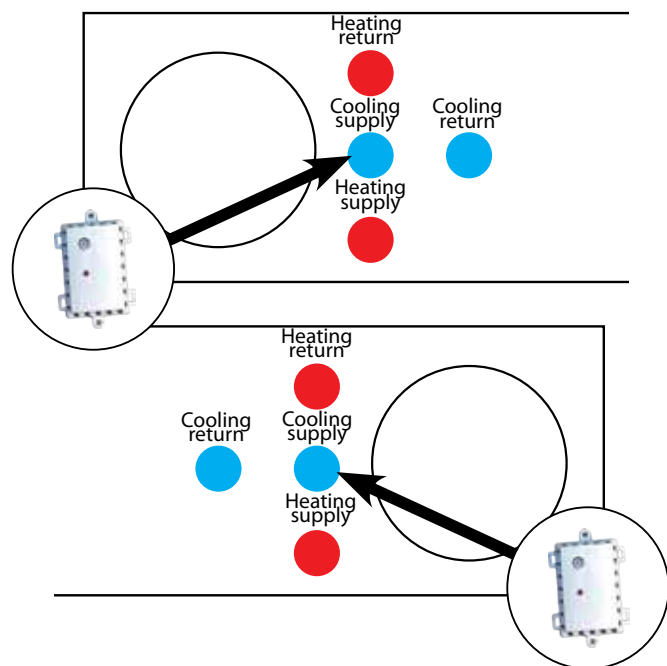


Note! The sensor should be mounted on the supply cooling water pipe.



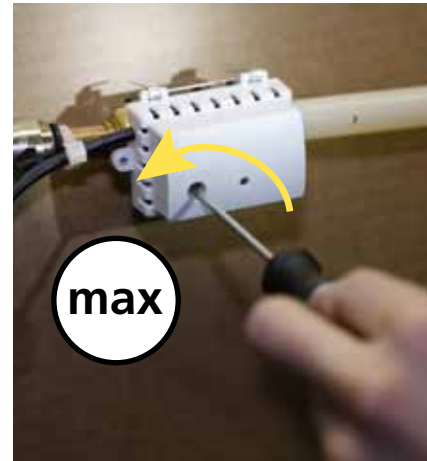
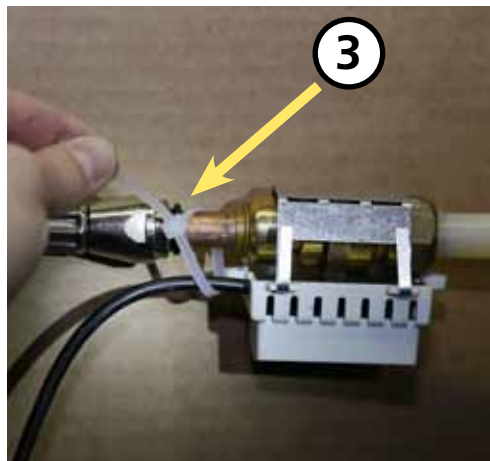
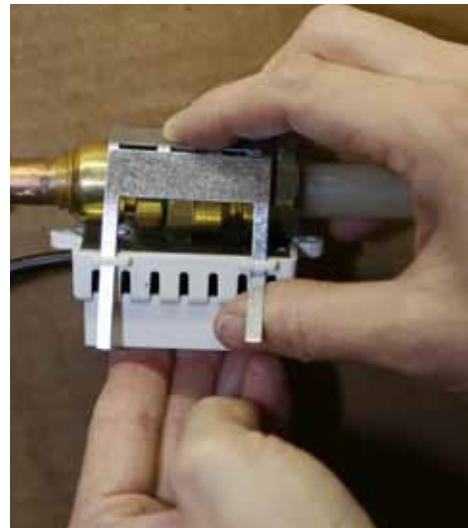
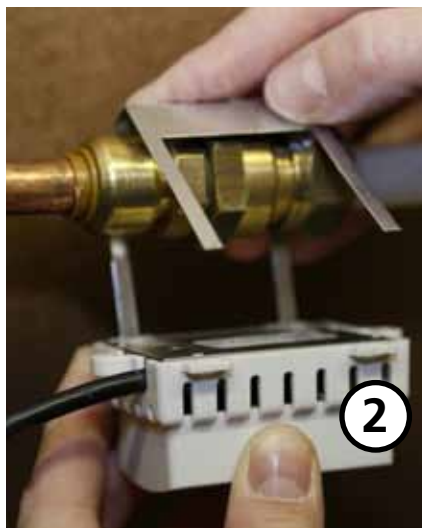
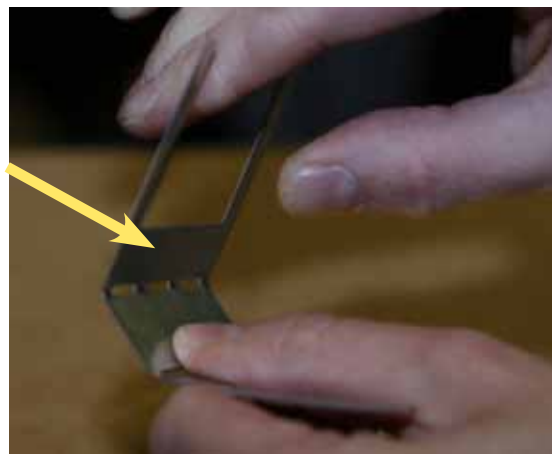
Condensation sensor WCD2 - PARAGON Swegon

To connect the condensation sensor on a connection nut (when PEX tubing is used).



Note! The sensor should be mounted on the supply cooling water pipe.

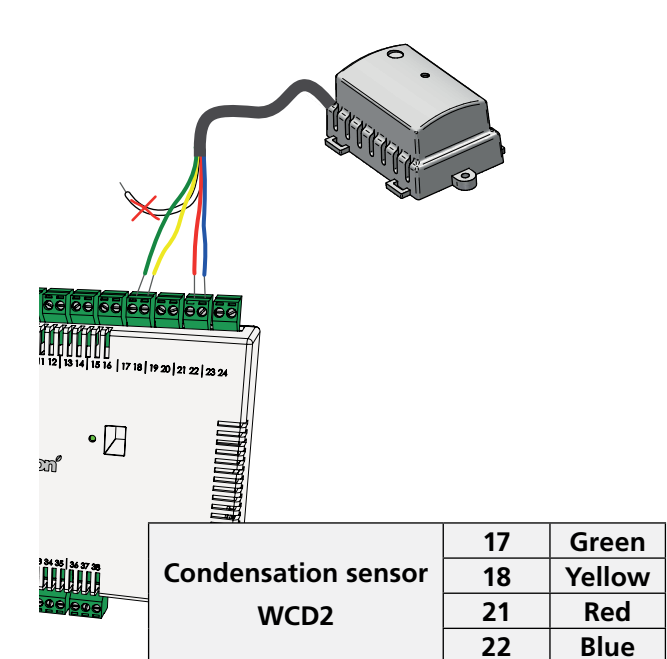
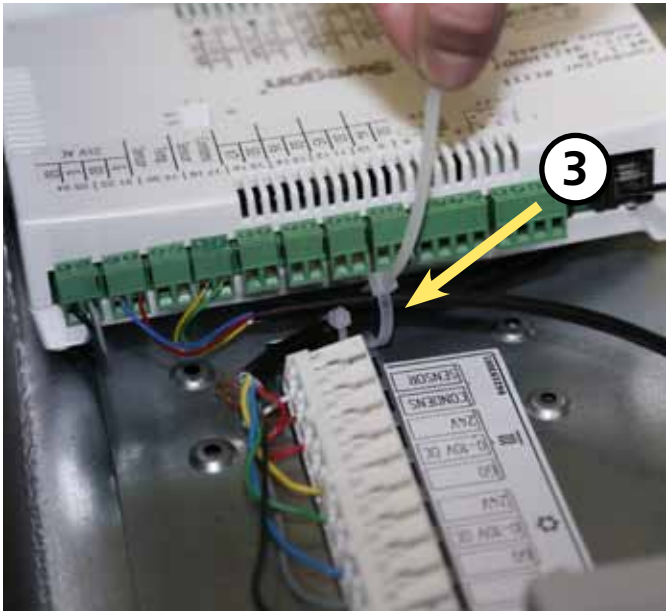
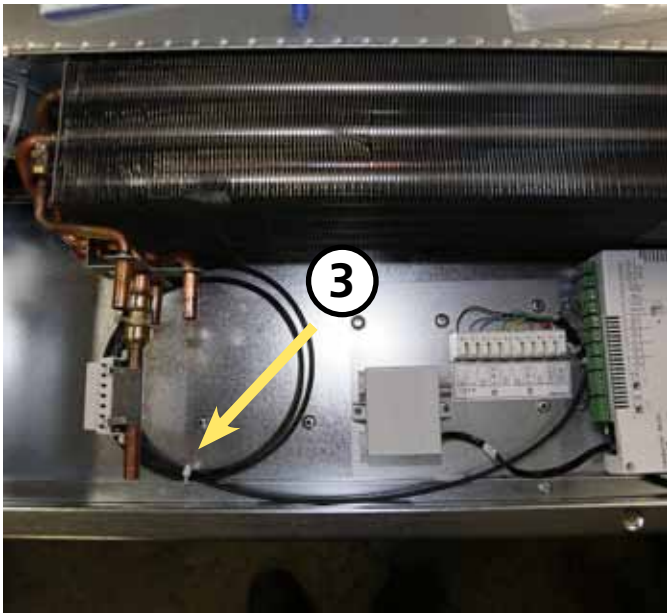
1



Installation WCD2

Condensation sensor WCD2 - PARAGON

To connect the condensation sensor to PARAGON with CONDUCTOR



Condensation sensor WCD2 - PARAGON

To connect condensation sensor to PARAGON with LUNA

Condensation sensor WCD2	Colour	Plinth
	Blue	G0
	Red	G
	Green	CONDENS
	Yellow	SENSOR

Condensation sensor WCD2	Colour	LUNA RE-S
	Blue	6
	Red	5
	Green	6
	Yellow	8

