

AIR FLOW METER

Air flow monitoring

The Hanwell 4000 series of radio transmitter units are well established as being the most flexible on the market today. The RL4810 air flow unit is a reliable 4000 wireless transmitter with air flow sensor that provides users with the tools for preventative maintenance within refrigeration units, filtration systems and air handling systems etc.

HANWELL 



The Hanwell RL4810 wirelessly transmits directly to a local SR2/CR2 and PC or Network for immediate alarm notification and long-term analysis. This wireless device also includes a logging function that guarantees against gaps in data during the unlikely event of radio communication loss.

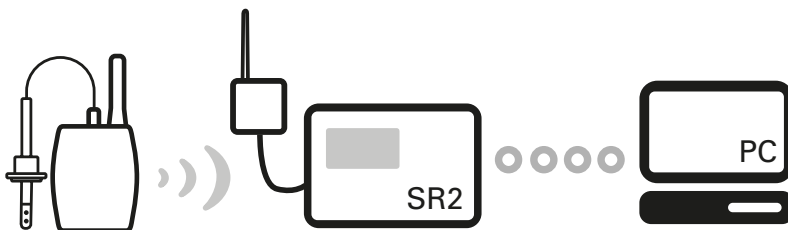
Product Features

- Detects early signs of failure within refrigeration plants
- Identifies reduced air flow through blocked filters
- Low power radio for long distance transmission (over 3km over open ground)
- Identifies problems in air handling systems
- Supports (optional) hidden wall brackets
- Complies with RoHS, EU directives and WEEE
- Carries CE Marking

Benefits

- Cuts maintenance costs and enables users to introduce optimised maintenance plans
- Reduces downtime and associated costs
- Reduces errors and hassle associated with manual checks
- Eliminates the risk of damage to stock and prevents process failures

Radio System (requires radio receiver)



Always ask for a long-range signal strength test.

We can prove ours to be unrivalled.

CE  RoHS

4810

Radio transmitter code: RL4810-434.075 (other frequencies are available)

SPECIFICATIONS

Instrumentation Specification:

Dimensions:	110 x 80 x 35mm
Weight:	200 grams
Power supply:	External 12V DC
Case material:	ABS & PC
Memory capacity:	100,000 readings
IP Rating:	IP50

Radio Transmitter Functions:

Frequency options:	A range of frequencies are available between 433-458MHz. Country specific regulations apply.
Radio power:	10mW
Radio range:	3km over open ground
Software required:	W700 – Standard Synergy Software Package W706 – Validated Synergy Software Package *See Synergy datasheet for further options
Hardware required:	CR2 – Controller SR2 – Smart Receiver REP – Repeater
Accessories:	Y119 – Wall mount bracket

This product can be calibrated to your specifications, contact us for further details. N.B Instrument operating range -20°C to +65°C in a non-condensing RH environment (operating range dependant on sensor).



4810 – Radio transmitter & data logger

Airflow transmitter with 1 x 0-5v input

Probe Options Available



Option 1: J202-07

Air flow sensor: 0-5m/s (0... 1000ft/min)
Working range temperature: 0°C to +60°C
Storage Temperature: -30°C to +60°C
Working range: 0-5m/s (0... 1000ft/min)
Accuracy: $\pm(0.2\text{m/s} / 40\text{ft/min} + 3\% \text{ of measuring value})$



Option 2: J189-07

Air flow sensor: 0-10m/s (0...2000ft/min)
Working range temperature: 0°C to +60°C
Storage Temperature: -30°C to +60°C
Working range: 0-10m/s (0...2000ft/min)
Accuracy: $\pm(0.3\text{m/s} / 60\text{ft/min} + 4\% \text{ of measuring value})$



Option 3: J211-07

Air flow sensor: 0-20m/s (0...4000ft/min)
Working range temperature: 0°C to +60°C
Storage Temperature: -30°C to +60°C
Working range: 0-20m/s (0...4000ft/min)
Accuracy: $\pm(0.4\text{m/s} / 80\text{ft/min} + 6\% \text{ of measuring value})$

Disclaimer

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