

ClimaCheck Performance Analyser - Fixed

- PA Pro FII, part No. 100 950 (LAN) and 100 955 (Modem)

The ClimaCheck PA Pro FII is a solution for Performance Analysis of Heat pump, Refrigeration- and Air Conditioning systems. It is ideal for continuous monitoring system performance in order to reduce energy consumption and to identify potential problems at an early stage.

Features

All system components are assembled in a wall mounted distribution board suited for indoor environments such as machinery rooms or industries. A PC is needed to locally view the measurement but the PA Pro FII can be connected to the Internet with Ethernet broadband (100 950) or GPRS modem (100 955) to enable remote access. The Performance Analysis can be made with the ClimaCheck PA software or with the ClimaCheck On-Line Web Services (software and web services are ordered separately).

The following equipment is included:

- ClimaCheck PA Pro II central unit
- Pressure Sensors: 0-10 and 0-35 bar (g), $\pm 1\%$. 2 m cable.
- Temperature Sensors: 8 PT1000, Class A. 5 m cable.
- Electrical Power Meter: EP Pro II, Class B $\pm 1\%$.
- Current Transformers: 3 100:5A, Class 1. Maximum cable diameter is 23 mm or rail, 20 x 5 mm.

Accessories

ClimaCheck offers a complete range of sensors and transmitters, both wired and wireless, making the system flexible to meet the need of most complex assignments.

Example of accessories:	Part No.
• ClimaCheck Software PA, main license	800 100
• ClimaCheck On-Line Web Service configuration	700 600
• Current Transformers for higher ampere rates or larger cable diameter or bigger rail	400 3XX
• 0-50 bar (g) Pressure Sensor	200 300
• 0-150 bar (g) Pressure Sensor	300 400
• RTD Expansion Module with four extra temperature inputs	300 610
• IP 65 rated enclosure	900 321

For a complete list of accessories please see www.climacheck.com



Technical Specification PA Pro FII

Dimensions	375 x 285 x 136 mm (100 950) 500 x 285 x 136 mm (100 955)
Weight	3 kg
Supply voltage	230 VAC
Enclosure	IP55, V0
Inputs	8 x Temperature 8 x Analogue (0...10V or 4...20mA) 8 x Digital
Output	3 x Digital Ethernet, RS485, RS232
Accuracy	Temperature $\pm 0.25^{\circ}\text{C}$ Analogue $\pm 0.1\%$ FS
Internal memory	1 MB (stores up to 8000 sets of data)