Technical Information

ŒcOil-Hybrid
ŒnoviaGaz-Hybrid

**EHC-04 PCB update
from version 02.02 to 02.04**

EN

1. Software update EHC-04 version 02.04

The new software version v02.04 of the **EHC-04** board has the changes described hereafter.
The new board is compatible with previous appliance versions.

- **Added the following advanced parameters for the EHC-04 version v02.04:**

Advanced parameters	Description	Setting range	Factory setting
HP029	Type of additional heating system installed for the heat pump : 0 = None 1 = 1 electrical stage 2 = 1 electrical stages 3 = Hydraulic additional heating	0 to 3	2 or 3
HP080	Relative humidity limit beyond which the cold setpoint offset is applied.	0 to 100 %	70%
AP056	Presence of an outdoor sensor.	0 : No outdoor sensor 1 : AF60 2 : QAC34	1
CP010	Flow temperature setpoint of the circuit without outdoor sensor (AP056=0).	7 to 90 °C	50 °C

- **Deleted the following parameters from EHC-04 version v02.04 onwards:**

Advanced parameters	Description	Setting range	Factory setting
HP002	Maximum flow temperature of the heat pump without backups (at condenser outlet).	20 °C to 90 °C	60 °C (4,5 kW) 65 °C (6 kW - 8 kW – 11 kW – 16 kW)
HP010	Minimum authorized water flow rate in the heating circuit.	0 to 90 l/min	5 l/min (4,5 kW) 5 l/min (6 kW) 8 l/min (8 kW) 12 l/mn (11 kW – 16 kW)
HP069	Target flow rate setpoint of the system to be ensured according to the heat pump output.	0 to 100 l/min	12 l/min (4,5 kW) 17 l/min (6 kW) 23 l/min (8 kW) 32 l/min (11 kW) 46 l/min (16 kW)
AP006	The appliance indicates a water pressure error when the measured value is below the limit value.	0 to 6 bar	0,3 bar
DP055	Enable/disable the impressed current anode protection of the DHW tank.	0 or 1	0
DP130	Offset to obtain the generator setpoint for DHW tank heating.	Not adjustable	20°C (4,5 kW) 15°C (6 kW) 9°C (8 kW) 10°C (11 kW) 14°C (16 kW)
DP150	Enable the DHW Thermostat function.	0 = OFF 1 = ON	1

- **In version v02.04, following parameters are directly visible in the Parameters menu (and not Advanced Parameters as before):**
  - AP009, AP010, AP011, AP058,
  - DP004, DP046, DP047, DP048, DP160
  - HP030, HP031, HP047, HP048, HP049, HP050, HP058, HP086, HP087, HP094, HP095, HP108
- **For version v02.04 : The following parameters are now available under Advanced Parameters :**
  - AP001, AP028, AP063, AP098, AP099, AP100
  - PP015
  - DP213

2. To check the software version of the electronic board EHC-04

The software version is displayed when the appliance is switched on or in the **Information** menu.
The program version is also printed on the label of the **EHC-04** PCB.