

Version: v9706R2
Release date: 2024-10-08

ADDED

- First software to support F372
- New Nord Pool zones added: AT, GER, FR and PL
- Energy log is now shown even when no data is available

CHANGES

- Updated functionality towards myUplink
- Fixed issue with communication towards SAM accessory

Version: v9701R3
Release date: 2024-08-14

ADDED

- New languages: Bulgarian and Ukrainian
- Filter alarm and info messages are now pushed to myUplink
- New feature: Power limiting via AUX
- Default DOT for the Netherlands and Belgium changed to -10°C

CHANGES

- Updated functionality towards myUplink

Version: v9682R5
Release date: 2024-03-08

ADDED

- Support for new fan
- Added anode alarm for F370 E

CHANGES

- Smart Price Adaption: Updated calculations for heating and hot water for better handling of negative electricity prices

Version: v9682R2

ADDED

- Connects to myUplink instead of NIBE Uplink. Connected systems are migrated. The owner needs to register an myUplink account with the email address used for their previous NIBE Uplink account to gain access to updated online service
- Added external AUX sensors BT37.1 - BT37.5
- Pump exercise added

CHANGES

- Smart Price Adaption: Added so electricity spot prices over 6.55 SEK can be handled

Version: v9071R10
Release date: 2023-05-02

ADDED

- Support for new display module hardware
- New fan added to configuration list

Version: 9071R8
Release date: 2022-10-24

CHANGES

- Support for new article numbers. No functions changed

Version: 9071R7
Release date: 2022-07-07

CHANGES

- Support for new display hardware. No other impact.

Version: 9071R6
Release date: 2021-04-14

CHANGES

- Text for a new circulation pump (Grundfos UPM3 Auto 15-70) added in the product configuration.

Version: 9071R5
Release date: 2021-11-29

CHANGES

- First firmware to support NL-version

Version: 9071R4
Release date: 2019-05-08

CHANGES

- Solves a problem with sensor error BT25 which could be shown even though the sensor never was connected. BT25 now needs to be connected at least five consecutive seconds to be considered to have been connected and able to give sensor error alarm.
- Machines with 9.25kW immersion heater has new factory settings for "set max electric add.", changed from 7.0kW to 4.6kW.
- Shunts for extra climate system (ECS) was unintendedly closed when FJVM was installed and activated, this is now corrected.

Version: 9071R3
Release date: 2018-12-13

ADDED

- Added a solution to problems scrolling in the menus. Prevents the display pointer from going back and forth. This eliminates the need to replace the display unit due to this problem.
- Alarm for longterm inactive compressor added (211 and 212)
- Possibility to set the speed for ECS circulation pump GP10
- Shunt signal 0->10V added for ECS shunt as possible output
- Demand controlled ventilation added
- Accessory external energy meter is available
- TSS20 added as accessory

CHANGES

- EME20: Various fixes
- Improved display of "my icons". Prevents that part of the outdoor temperature is hidden when the aluminum door is closed.
- SG Ready: To prevent short operation hours for compressors, the SG-ready function now takes in consideration to the operation time and delay state change when its needed.
- Floor drying logging now continues to log after a power failure
- Text and translations updated
- The possibility to use BT20 (temperature sensor exhaust air) as room sensor is removed | U4166

Version: 8816R3
Release date: 2018-10-26

ADDED

- F470 3 x 230V NO (Art.no. 066066): Configuration corrected for machines with built in valve for shutting off supply air heating

Version: 8816R2
Release date: 2018-05-22

ADDED

- Humidity sensor HTS added as accessory
- The accessory AXC 20 (expanded exhaust air-functions) added
- EME20: It is now possible to choose "priority household electricity" in menu 4.1.11 (Solar electricity) if external energy meter is connected
- Possibility to use BT20 (temperature sensor exhaust air) added as room sensor through the menu "Room sensor settings 1.9.4"
- New function floor drying logging added in the USB menu. Logging several floor dry relevant variables with an interval for 10 min in one file.
- Alarm for pressure switch climate system added. Activates through AUX-input. Alarm number 165 "Low pressure climate system". The alarm is a redlight alarm without control action but lights the red diode and can give a notification through Uplink or SMS.

CHANGES

- Load monitor: Solved a problem with the alarm 182 indicating when a new internal electric step was going to step in
- Night cooling: The function stopped workin in v8228. Corrected.
- Solves a problem that could cause the product to restart if the activated vacation period was longer than 127 days
- Minor adjustments of menues and texts

Version: 8432R2
Release date: 2017-12-14

ADDED

- "Activate economy" can now be selected in AUX-in (Menu 5.4)
- Smart Price Adaption is now supported if country selection Norway
- Country selection Australia and New Zealand added
- Improved integration with Smart Price Adaption toward NIBE Uplink API.
- Support for accessory SAM added

CHANGES

- Improved control of Smart home function.
- MODBUS40: It is now possible to read 32-bits register as two separate 16-bits register and the two following 16-bits at the same time
- Updated function for the accessory EME20
- EME10 is now regulated on power instead of current. New setting in menu 4.1.10 which indicates if EME10 is on single or three phase
- Removed a term for country selection Belgium: Max internal addition was 1kW
- Corrected a fault that could cause the fuse size setting under some circumstances to be reset to default value (16A)

Version: 8129R5
Release date: 2017-10-18

ADDED

- New function AUX-relay: Outdoor air valve. Provides the possibility of using the accessory BSA10 to block supply air heating during summertime to the supply air battery.

CHANGES

- Increased hysteresis between start and stop of the compressor in heating mode. Stop of the compressor changed to calculated flow temp +8K (earlier +3K). Gives a longer operation time for the compressor while the heating demand is small or absent and eliminates the risk of alarm 229 (short operation time).

Version: 8129R2
Release date: 2017-05-22

ADDED

- Support for update of base card and input card through the USB on the display unit. Supported on the base-card from version 31. Supported on the inputcard from version 32.
- Åland added in the country selection menu
- Soft output (AUX) status is now shown in the service info 3.1, only its function was shown before
- SMS is now sent when a Filter alarm occurs
- Alarm 229, short operation time compressor, added
- It is now possible to choose the amount of pulses/kWh or energy/puls for external energy meter
- EME20 added as accessory
- Regulation of a outdoor air damper can be chosen through AUX-output

CHANGES

- Updated functions for the accessory EME10
- Updated translations
- Updated functions for load monitor and phase sequence monitor
- Improved function for Smart Price Adaption in Estonia and Finland
- 5 s. delay added for alarm 65 (high condensate water level through AUX)
- Temperatures shown in RMU are now rounded instead of truncated

Version: 7641R4
Release date: 2016-11-22

CHANGES

- A more secure detecting of the accessory EME 10
- Corrected an issue introduced in v 7641R2 that could show Alarm 182 (load monitor active) if there was a need for steps above the set maximum additional heat.
- Phase detection for machines with 9,25kW immersion heater now works properly

Version: 7641R3
Release date: 2016-09-15

ADDED

- Supports new type of memory circuits for the display unit

Version: 7641R2
Release date: 2016-05-25

ADDED

- New AUX out function; Holiday. Activates AUX-relay in Holiday mode
- Icelandic language added in the display
- Smart Price Adaption added for Estonia
- New AUX in function for condensation water level added. New alarm 65, high level condensation water tray.
- Accessory EME10 added

CHANGES

- Bug fix on internal electrical addition which at the start of the external addition sometimes was activated for a few seconds.
- Improved network connection stability
- Stepup of internal immersion heater: Algorithm for load monitor improved to make more combinations available in order to reach required output
- Solar: New conditions when solar panel cooling is activated: Activates cooling when GP4 is not in operation and BT53 > Temp_Activates_cooling. Deactivates cooling when GP4 is in operation OR when BT53 < Temp_Activate_cooling -20K.
- Removed possibility to connect flow sensor

Version: 7283R3
Release date: 2016-04-25

CHANGES

- Defrost is now blocked for 15 minutes after compressor start
- Extension of the compressors minimum stop time (stop to start) to 15 minutes (earlier 10 min)

Version: 7283R2
Release date: 2016-03-09

ADDED

- Flow sensor can now be connected to machines that don't have this installed from factory
- External energy meter added as accessory
- New function "one time increthase" added in menu "Temporary lux 2.1"
- Smart home functionality

CHANGES

- CPU-speed has been reduced to 190MHz to work with newer revisions of the processor. This eliminates problem with some machines losing contact with NIBE Uplink.
- Improved stability in the handling of USB memory
- Default value transfer time is changed to 45 min (earlier 15 min)
- BBR-menu 5.1.13 is now shown as it should (only applies to Sweden)

Version: 6853
Release date: 2015-11-05

ADDED

- Smart Price Adaption
- Adjustable transformation ratio for current sensors
- "Blocking Hot water" through soft input. (Menu 5.4) If the input has been closed over 24h a periodic increase will start when the blocking ends.
- When external heat source is active a symbol is shown in the service info menu
- Climat system 5-8 added
- Country selection added, menu 5.2
- R-version of the firmware is now logged in default logging
- Improved temperature measuring in the RMU with program version 256 or higher.
- Possibility to ignore log.set-file in the USB menu

CHANGES

- Updated accessory control for SOLAR 41
- Updated accessory control for SMS 40
- Improved current meter for power monitor
- Calculated flow is now correct calculated direct from the start-up
- Icon that shows if logging is activated is shown on the USB-symbol in the main menu
- Updated texts and translations

Version: 5121R3
Release date: 2013-12-11

CHANGES

- A bug that disabled the fan not to shut down during the first two minutes in operation, this is now corrected.

Version: 5121R3
Release date: 2013-12-11

CHANGES

- A bug that disabled the fan not to shut down during the first two minutes in operation, this is now corrected.

Version: 5121R2
Release date: 2013-11-22

CHANGES

ALARMS

- Added info alarm 166. Alarm for the anode in the enamel vessel
- Alarm 180 (Antifreeze active) is shown during Tariff block (997)
- Info alarm remains in menu 3.1 until you viewed in the menu 3.1, even if the alarm has been reset. This because you will get a chance to read the alarm even if it has been reset.
- When alarm "low exhaust air temperature" (64) the RMU40 will light up and show the alarm icon and alarm number. It used to interpret the alarm low exhaust air as an info alarm and did not show this.

MENUES

- SG Ready added
- AUX, menu 5.4, Soft in-/output.
 - Added the option SG Ready A and SG Ready B
 - Added the option "activate fan speed 1(NC)". Activate speed 1-4(NO) remains as previously
 - External alarm (NC) added, gives info alarm 995 "alarm from external input/signal".
 - External alarm (NO) added, gives info alarm 995 "alarm from external input/signal".
- A hysteresis for max solar collector temperature that allows the pump to start when BT53 is 2k below maximum solar collector temperature.
- "QR service code" in service info 3.1 and the start guide added.
- Added page in the start guide that requests to set the ventilation. Translation for french, spanish, dutch, estonian, latvian, russian, slovenian, italian is missing in this menu and therefore in english.
- Exhaust air fan and supply fan is not operating when the start guide is activated.
- Setting for the exhaust air fan (and possible supply fan) is no longer in the start guide because the fans will not operate in the start guide and therefore do not need to be adjustable in the start guide.
- Can not set the prio times between 1-9 minutes.

- Changed "max tank temperature" for SOLAR in menu 5.3.4 so it can be set between 5°C - 85°C
- Changed default value for "max tank temperature" for SOLAR in menu 5.3.4 to 85°C.

ACCESSORY SOLAR42:

- The accessory is not selected automatically when searching for accessory, the accessory SOLAR41 will be selected instead. This is because they have the same communication address.
- Translation updates

CHANGES MADE IN EXISTING FUNCTIONS

- Changed start-/stop conditions when "solar panel cooling" for GP4 for accessory SOLAR.
 - GP4 starts if: BT54-BT53>"start Delta-T GP4"
 - GP4 stops if: BT54-BT53<"stop Delta-T GP4"
- Changed standard parameters for logging on a USB-stick so it is correct. This was an error in version 4046Rx.
- When logging with the LOG.SET the "special logging" ended after about 4 days and went over to standard logging. Corrected.
- The electrical step-up is changed so the relay K7 activates instead of K5 (0,25kW-step).
- The setting area for "stop additional heat" in "auto" (menu 4.9.2) is changed from -20°C to -25°C (the setting now runs from -25°C to +40°C).
- The default setting on HWC is changed so that the pump will operate 100% of the time.
- The average value for BT1 could go wrong if the filtration time was changed. This is changed so the new average value will be the actual value if the filtration time is changed.

Version: 4046R4
Release date: 2013-07-05

CHANGES

- B-alarm 997 "Compressor is externally blocked" added
- BT19 stops immersion heater when HW_stop+3k instead of HW_stop+1k
- DEH 40/41 have been changed according to:
 - Relay K4 activated when needed by addition
 - Relay K3 (charging pump GP15) activated when heat is available in external storage tank
- When a TB-alarm occurs, all relays for immersion heater will be off
- Fans do not run when the start guide is activated
- Fan speed setting is not in the start guide anymore
- The alarm "low exhaust air temperature" places the machine in "help mode". The function is now back after disappearing in v.3189.
- Immersion heater step-in for 3x230V changed
- Immersion heater step-in for 3x400V is changed to reduce uneven current (Amp) load. Immersion Step-in is according to chart in IHB.

Version: 3189R3
Release date: 2013-01-15

FIXES

- RMU fixes
 - RMU indoor temp sensor could fall down to -54c. Now the RMU/BT50 temp sensor does not register temperatures below 0c.
 - If the version is 249 or higher in the RMU the offset for the internal temp sensor is changed from -1,2c to -0,7c. If the RMU have a version under 249 the offset still is -1,2c.
 - Alarm 96 could appear unmotivated. Now alarm 96 only appears when there is a communication problem.

- Some F370/F470 showed menu 5.1.11 even if circulation pump is manually controlled.

Version: 3189R2
Release date: 2012-11-05

- The sensor in RMU40 is logged in the USB log as BT50 unless BT50 is connected. Is BT50 connected the sensor in RMU40 is not logged in the USB log.
- At the end of the holiday setting the display could restart.
- Some menus didn't show all the alternatives before the wheel was used to scroll in the menu. This could happen in some menus directly after finishing the start guide.
- Changed made with MODBUS40 is now saved and does not disappear after a restart.
- Periodic increase is no longer activated during active holiday setting.

FJVM

- The shunt is no longer closing in operation mode when the heat is allowed but not additive.

SMS40

- Can now respond ?comp (depending on language) with the number of starts and hours of running time.
- ?as(dependent on language) is added as a SMS command. Responds with the status of the internal electrical addition.
- When texting ?temp (depending on language) BT25 replaces the regular flow sensor, if BT25 is installed.
- Service info page for SMS40 is now translated. Was earlier only in English.
- Fix to handle capital letters in the command translations. A command (the Italian for !Tlvv xx contains three capitals) caused problems.
- NIBE Mobile App: When using BT50 the mobile app shows the temperature for the room sensor for the system using BT50 and offset for the other systems.
- When texting ?tlhw (depending on language) it answered "active" regardless of what triggered the temporary lux. Now answering "active" only if there really is temporary
- Protection against massive SMS-traffic if the phone numbers for the SMS40 SIM card is entered in the heat pump.
- The field "registered to home network" has been removed in the service info pages.
- "Degree minutes" is removed from NIBEmobile App SMS.
- Max add step calculation is fixed
- If BT6 is missing the addition is controlled by BT19.

SOLAR

- The criterion for stopping the charge pump changed from stopping on BT55 > 57 ° C to using the BT18.
- Bugfix on pump operation in holiday mode.
- Hysteresis of two degrees when GP4 is stopped because max tank temp.

- Freeze protection is now adjustable and the default setting is off.
- Allowed power at FJVM Changed from 0.2 kW to 2.0 kW
- If the soft input is a temperature, the temperature is shown instead of 0 or 1 on the "soft inputs and outputs" in menu 3.1.
- Added so the house on the first page now shows the room sensor at the lowest system that is either engaged or active.

MODBUS40:

- Lack of communication between external control system and MODBUS40 prevented the SMS40 sending text messages during alarm.
- Fixed issue with the MODBUS40 earlier it did not have time respond to communication when used comitantly with RMU40 or SMS40.
- The serial number is now also saved in the input card and the base card if the cards have the right version.
- Startup of the heat pump is now logged in the alarm log.
- Summer-to-winter time changeover has been moved to 03:00 AM
- In menu 5.1.5 and 5.1.6 the fan speed is not changeable when "low supply air" alarm is enabled. Instead there is a text explaining the problem and asking one to access it later. This applies both in the start guide and if you go directly into the menu.
- Pump exercise added for external pumps
- Pump exercise of internal heat media pumps and brine pumps are changed. Now they stand still in 12h then runs in 10sec.
- New info is shown in the startup page:
 - Startup status(numbers from 0-8 that shows what step in the startup sequence the machine is in)
 - Boot loader version (number 31 is the present version)
 - Program area (There is always two programs in the display and this shows what program that is active)
 - Program-ID, what software type that is downloaded.
 - 1 = F1145/1245
 - 2 = F370/470
 - 3 = F750
 - 4 = F1126/1226
 - 5 = F1345
 - 6 = VVM500

Version: 1770R2
Release date: 2012-03-01

BUG FIX

- Error correction has been modified to allow 29:th February. The Switch from summer time to winter time now occurs at 03:00 not 02:00.

Version: 1770
Release date: 2011-09-20

- BUG FIX
Blocking compressor via soft input did not work in v1725.
- Scheduling
When scheduling different climate systems the red exclamation point in the menu appeared as an indication that the settings collided.
- Low exhaust air temp
In case of "low exhaust temp"-alarm:
Red light in display
Info text in menu "compressor info"
A SMS is sent if SMS40 is installed
The heat pump acts like there has been a "red light" alarm and aid mode is chosen.
- Indoor temp log
Lower limit for indoor temp log is changed from +10°C to 5°C.
- Alarm actions
"Decrease room temp" and "deactivate hot water" are not checked as default.

Version: 1725
Release date: 2011-08-31

- **Display**
First program that can handle Tianma display. Information on which display is used is added in M3.1 (service info): "display type" (0 = Powertip, 1 = Tianma).
- **Tariff blocking**
Tariff blocking is added as an alternative to soft inputs. Compressor, addition and heating are blocked if the input is closed.
- **SMS**
!alarm is added to the list with valid commands. Only shown if there is an alarm.
- **Accessories DEH added**
- **SOLAR**
A sun icon has been added which is indicating if solar is active at the moment. The sun icon is also present if the house is visible when the door is closed.
- **FJVM:**
Internal shunt is forced to open if FJVM shuts down
Max allowed electrical add. is limited to 2 kW when FJVM is running.
- **RMU40**
A negative offset (-1,2°C) has been added to actual room temperature.

Version: 1199
Release date: 2010-10-27

- New hardware
First program can be used together with new display module.
- MODBUS
First program with MODBUS accessory included.
- USB logging
Improved USB logging. Better chosen default parameters, BT6 and total added addition have been added. Correct "division units" for correct visualizing in NIBE applications.
- USB logging parameters
It is possible to see which parameters that are logged in the USB logging menu.
- SMS40
Added exhaust air, extract air and evaporator in "?temp" message.
- RMU40
Communication bug have been fixed. This bug could cause problems during very specific circumstances i.e. having a SMS40 and a cell phone number including "51". Then the communication in the system malfunctions.
- Default parameters
Bugs in vacation mode setting and op mode settings have been corrected.
- Texts forced control
Text for "off" and "on" at mixing valve in the forced control menu had been switch and are now correct (at least in Swedish language).
- Start guide
Settings for Solar are now in start guide if Solar is chosen.

Version: 1174
Release date: 2010-10-18

- Low supply air alarm (F470)
The alarm "low supply air" is added in product F470. The alarm gets triggered 5minutes after the supply temperature is less than 5 degrees. The alarm has number 67.
- Phase detection
The phase detection has been modified.
- Addition mode
In addition mode, the trend calculation is not used.
- Alarm mode
In alarm mode when compressor is blocked, the trend calculation is not used.
- Communication alarms RMU and SMS
Communication alarms to RMU and SMS accessories are added to the product.
- Alarm log
More relevant parameters are added to the alarm log. Parameters in the alarm log are now outdoor temp (BT1), heat medium flow (BT2), heat medium return (BT3), hot water charging (BT6), evaporator (BT16), exhaust air (BT20), extract air (BT21), operating time and op. mode.
- Service info menu
Degree minutes are removed from the service info.
- Soft output relay
Soft outputs choice hot water circulation and external heating medium pump is now working without problems.
- Compressor stop
The compressor will be blocked when the fan is stopped.
- Vacation mode
It is possible to change the temperature on the calculated flow temperature during active vacation.

Version: 1134
Release date: 2010-08-26

CHANGES

- Support for electric addition UK and Norway
- Low Exhaust air temperature alarm now produces red light and not only info
- SMS40 related bugfixes

Version: 1119
Release date: 2010-08-12

CHANGES

- Italian language added
- A 3 minutes delay added to the LP-alarm
- Extra shunt group added
- Solar docking added