NIBE

Latest revision of this document: 2025-06-30
Listed below changes are official firmware versions.

Version history
NIBE F750

Version: 9718R2
Release date: 2025-06-30

ADDED

- Added support for myUplink App 2.0

CHANGES

- Updated functionality towards myUplink
- Changed functionality for periodic increase. Deactivation is now prioritized also at low hot water temperature
- Updated functionality towards EME 10 and HTS

NIBE

Latest revision of this document: 2025-02-25
Listed below changes are official firmware versions.

Version history
NIBE F750

Version: 9701R6
Release date: 2025-02-25

CHANGES

• Fixed issue with some units losing contact with myUplink

Version: 9701R5
Release date: 2025-01-20

CHANGES

• Fixed possible root cause for factory reset when upgrading from a version before 6831
• Fixed issue with some units losing contact with myUplink
• Fixed issue with periodic increase failing

Version: 9701R4
Release date: 2024-09-26

ADDED

• New Nord Pool zones AT, GER, FR and PL

• Energy log is now shown even when no data is available

• More support for power limiting via AUX

CHANGES

• Updated functionality towards myUplink

Latest revision of this document: 2024-09-25
Listed below changes are official firmware versions.

Version history
NIBE F750

Version: *9701R3*
Release date: *2024-07-04*

ADDED

• New languages: Bulgarian and Ukrainian

• Filter message 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: *9682R7*
Release date: *2024-03-05*

CHANGES

• Fixed issue with min pump speed not limiting circulation pump speed

• Fixed issue with incorrect compressor frequency when starting after defrost

Version: 9682R5
Release date: 2024-02-02

CHANGES

• 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

• Fixed an issue with hot water production when compressor is blocked via AUX

• Smart Price Adaption: Updated function. Better handling of negative electricity prices

• Alarm 63, low air flow, changed from information message to red light alarm. The alarm will now block the compressor and
  be shown in the alarm log

Latest revision of this document: 2023-11-02
Listed below changes are official firmware versions.

Version history
NIBE F750

Version: *9086R15*
Release date: *2023-04-13*

ADDED

- Support for new hardware in display module

Version: *9086R13*
Release date: *2023-01-26*

CHANGES

- Support for new fan

Version: *9086R12*
Release date: *2022-10-17*

ADDED

- Support for new article numbers. No functions changed

Version: *9086R10*
Release date: *2021-07-07*

ADDED

- Support for new display hardware. No other impact.

Version: *9086R9*
Release date: *2021-02-24*

ADDED

- The basic configuration of energy flow meter BF1 went wrong in v.9086R8 which meant that the energy measuring was faulty. Corrected.
- It is now possible to reset the energy flow meter in menu 5.5

Latest revision of this document: 2023-11-02
Listed below changes are official firmware versions.

Version history
NIBE F750

Version: 9086R8
Release date: 2020-05-18

CHANGES

- Activating of accessory EME20 could deactivate other accessories during restart. Corrected.

Version: 9086R7
Release date: 2020-02-10

CHANGES

- First firmware to support NL-version

- More secure connection towards NIBE Uplink

Version: 9086R6
Release date: 2019-05-02

CHANGES

- Alarm 326 "Fault in the defrosting element EB16": Conditions for defrosting element to be regarded as functional in connection with termination of active defrost are now back to that one of the sensors BT16 or BT21 is warmer than +1 °C, this was changed in v.8839R2.

- New correction factor is saved as "real air flow" is set in the menu for ventilation adjustment (5.1.5.1). Was previously saved when leaving the menu.

- Configuration list updated with a new fan introduced day 121, year 2019

Latest revision of this document: 2023-11-02
Listed below changes are official firmware versions.

Version history
NIBE F750

Version: 9086R4
Release date: 2019-02-13

ADDED

- Active defrost no longer allowed during tariff blocking

Version: 9086R3
Release date: 2018-12-20

ADDED

- Added possibility to set minimum allowed speed in heating for charging pump/heating medium pump

- Shunt signal 0->10V added for ECS shunt as possible output

- Demand controlled ventilation added

- Accessory external energy meter is available

- Additional max frequency is now available for "silent mode". Each max frequency that should apply for each time is set in the scheduling menu 4.9.6

- TSS20 added as accessory

CHANGES

- EME20: Improved communication with the accessory

- Possibility to set the speed for ECS circulation pump GP10

- Updated function for accessory heat meters

- Improved display of "my icons". Prevents that part of the outdoor temperature is hidden when the aluminum door is closed.

- EME20: Various fixes

- Floor drying logging now continues to log after a power failure

- The possibility to use BT20 (temperature sensor exhaust air) as room sensor is removed.

- Updated control functions for accessory SAM 40

- Solved incorrect names on climate system 2-8 in service info

Latest revision of this document: 2023-11-02
Listed below changes are official firmware versions.

Version history
NIBE F750

Version: 8839R3
Release date: 2018-09-03

CHANGES

- Alarm 63, low air flow, changed to be an information alarm (earlier red light). Info alarm does not block the compressor and is not shown in the alarm log.

- SG Ready: To prevent short operation hours for the compressor, the SG Ready function takes in consideration the operation hours and delays the change of state when needed.

Latest revision of this document: 2023-11-02
Listed below changes are official firmware versions.

Version history
NIBE F750

Version: 8839R2
Release date: 2018-06-19

ADDED

- Extra climate system 2 - 8: It is now possible to block the shunt on AA5-X2:13-14. When there is a connection the shunt closes.

- The accessory AXC 20 (expanded exhaust air-functions) added

- EME20: It is now possible to choose "priority houshold electricity" in menu 4.1.11 (Solar electricity) if external energy meter is connected

- 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.

- 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.

CHANGES

- Load monitor: Solved a problem with the alarm 182 indicating when a new internal electric step was going to step in.

- HTS humidity control: Various updates.

- Night cooling: The function stopped working in v8228. Corrected.

- Solves a problem that could cause the product to restart if the activated vacation period was longer than 127 days

- EME20: Improved communication with the accessory.

- SAM: Control valve now opens 5 s at the transition from heat to hot water and start of defrosting. This is to reduce the risk of anti-freeze alarm if heating medium pump speed is set too low.

Latest revision of this document: 2023-11-02
Listed below changes are official firmware versions.

Version history
NIBE F750

Version: 8461R2
Release date: 2017-12-01

ADDED

- Smart Price Adaption is now supported if country selection Norway

- Country selection Australia and New Zeeland added

- Improved integration with Smart Price Adaption toward NIBE Uplink API

- Alarm for overheated inverter added (alarm number 482, 483)

- Humidity sensor HTS added as accessory

CHANGES

- Uppdated function for the accessories EME10 and EME20

- Increased hot water capacity in comfort mode lux, compressor is allowed to speed up and addition can be activated during HW-charging if DM motivates this

- Uppdated function for energy meter EMK

- Reference value for air flow when fan speed is changed, is now set after 300s as it should. Faulty delay gave defrosting problems when switching between different fan speeds in v.8172R3

- A fault that allowed the fuse size to be set to default value (16A) under certain circumstances, is now corrected

- Periodic increase: When compressor stops, it will be blocked and is not allowed to start again until BT6 is below start for comfort mode normal

Version: 8172R3
Release date: 2017-06-29

CHANGES

- Alarm 445 (gate kill) can now only occur during start of the compressor

- SG Ready: Further improvements to avoid short operation times at SG Ready Luxury

Latest revision of this document: 2023-11-02
Listed below changes are official firmware versions.

Version history
NIBE F750

Version: 8172R2
Release date: 2017-06-02

ADDED

- Support for F750 with electric defrost

- Updated function for measuring water flow on machines with energy meter EMK

- Improved measurement of energy consumption (only for country selection France)

- Electricity price region AWAT1 (Austria) added for Smart Price Adaption. Collection of electricity prices are delayed to after 17:00 (previously 14:00)

- EME20 added as accessory

- Regulation of a outdoor air damper can be chosen through AUX-output

- "Activate economy" added as soft input

- Smart Price Adaption is now supported if country selection Norway

CHANGES

- Improved function for power monitor and phase sequence detection

- Max condensor in changed to 55 degrees

- Uppdated functions for the accessory EME 10

- Solved a problem that could cause menu 4.1.3 to disappear if network connection was missing

- Smaller adjusements of menus and menu texts

- Factory setting "heat factor system" in menu 1.9.4 is changed from 2.0 to 1.0

- Solves a problem with Smart Price Adaption in Estonia and Finland that caused the electricity price to zero

- Fan sync operation can not be selected if country selection is Sweden

- Smart home: Away mode now affects comfort mode hotwater, room temperature/heating curve offset and AUX output (selectable)

- MODBUS40: It is now possible to read 32-bit register as two separete 16-bit register and the two following 16- bit at the same time

- Changed calculation of shunt supply line in AHPS docking (SCA41). Shunt supply line = calculated supply line + 3K used as control target when a demand of internal addition exists in heating.

- SG Ready: Improved management of alarm for high condensor and HP-alarm during HW charging lux caused by SG Ready-mode to prevent short operation times

Latest revision of this document: 2023-11-02
Listed below changes are official firmware versions.

Version history
NIBE F750

Version: 7933R2
Release date: 2017-03-27

CHANGES

- SCA41: When external addition is a heatpump, start- and stop temperature can now be set in the accessory menu (5.3.13.3).

Version: 7933
Release date: 2016-12-27

ADDED

- Support for update of base card an input card through the USB-port of the display. The base cards is supported from version 31. The input card is supported from version 32.

- Åland added in the country selection menu.

- Function silent mode added. Activated in menu 5.1.24 and can be set in menu 4.9.6.

- Soft output in the service info now also shows status, previously only a function.

- Filter alarm can be sent as SMS.

- Alarm 63 "low air flow" added

- 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

CHANGES

- Uppdated functions for the accessory EME 10

- Alarm 182 now only shows when the load monitor is active

- Smart home functions updated

- Translations updated

- Blocking of compressor in the start guide is now working as it suppose to

- 5 sec delay added for alarm 65 "high condens water level through AUX"

- Temperatures that shows in RMU is now rounded instead of truncated

- Periodic increase: Compressor is allowed to restart if the temperature at BT6 is below start temperature for comfort mode normal

- SAM: Default values for supply air temperature are changed from 22°C to 18°C.

- Addition regulation: Changed from fixed DM to relative DM

- Adjustements in the fucntion for Block Freque

Latest revision of this document: 2023-11-02
Listed below changes are official firmware versions.

Version history
NIBE F750

Version: 7679R4
Release date: 2016-10-31

CHANGES

- Solves a problem that could cause inverter alarm 216

- Improved routine for stopping the compressor when closing down by the switch (SF1)

Version: 7679R3
Release date: 2016-10-05

ADDED

- Supports new type of memory circuits for the display unit

Version: 7679R2
Release date: 2016-06-02

ADDED

- New function "one time increase" added. In menu "Temporary lux 2.1" the hot water preparation can start a luxury load immediately that stops direct when there is no longer a demand.

- OEK11 added as an accessory

- New AUX out function; Holiday. Activates AUX-relay in Holiday mode

- Icelandic language added

- Smart home functionality added

- Smart Price Adaption added for Estonia

- New AUX in function for condensation water level added. New alarm 65, high level condensation water tray.

- SCA40/43 accessory (external HW with solar), in the setting menu (5.3.24) can now "solar heat" and "external hot water" be activated/deativated separatly. If solar is activated a sub menu 5.3.24.1 is available for solar settings.

- Possibility to block the compressors upper frequency range (100-120 Hz) through blockFreq menu (5.1.24) or through the start guide. Specific activating/deactivating of a fixed blockFreq (unlike the two other blockFreqs that can be set dynamically).

Latest revision of this document: 2023-11-02
Listed below changes are official firmware versions.

Version history
NIBE F750

CHANGES

- Alarm 162 (high condensor out) now resets without consideration of the return temperature BT3 if BT3 is lower than 40.0°C at the time of the alarm. Previously 30°C

- Alarm for high condensor out works correct even when the heating medium pump 2 (GP6) is stopped

- SAM 40: Changed management of the sensor alarms for BT23, BT68 and BT69

- SAM 40: Improved regulation of the control valve.

- Stepup of internal immersion heater: Algorithm for load monitor improved to make more combinations available in order to reach required output

- NIBE Uplink: Various updates; For instance improved network connection stability and more stable display of the compressor frequency

- 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.

Version: 7027R3
Release date: 2016-01-26

CHANGES

- BBR-menu 5.1.13 is now shown as it should (only applies to Sweden)

Latest revision of this document: 2023-11-02
Listed below changes are official firmware versions.

Version history
NIBE F750

Version: 7027R2
Release date: 2015-09-10

ADDED

- Menu for country selection added. When upgrading from an older firmware, installation country will be a mandatory setting.

- Inverter alarm type I, II and III will now show hex code in the alarm log (alarm 203, 204 and 205). Applies to machines with 3-phase Yaskawa-inverter.

- Better temperature measuring on the room sensor in the RMU with program version 256 or higher. Takes in consideration if the display is on or off.

- Possibility to ignore log.set-file in the USB menu.

- Flow sensor can now be connected to machines that don't have this installed from factory.

- External energy meter added as accessory.

- EME10 (PV-panel control) added as accessory.

CHANGES

- Hot water is now also blocked when tariff is active.

- Icon shows if logging is in progress in the USB menu.

- Changed management of HP alarm. Three alarms within 2.5 hours gives A-alarm.

- SAM 40: Anti-freeze protection alarm supply air (alarm 185) can no longer be caused by temporary sensor fault on BT22.

- New start terms for defrosting added. Evaporator temperature (BT16) shall go below -1°C during the last 30 minutes to start the defrosting. This reduces the risk of unmotivated defrost starts.

- GP6 is active when low temperatures (<10 degrees) on the out door sensor BT1 or BT23 in SAM 40. This reduces the risk for anti-freeze protection alarms at e.g. tariff control.

- HW luxury works even if no heating demand exists. This fault occured in version5720R14.

- Improved stability in the regulation of USB memory.

Latest revision of this document: 2023-11-02
Listed below changes are official firmware versions.

Version history
NIBE F750

Version: 7027R2
Release date: 2015-09-10

ADDED

- Menu for country selection added. When upgrading from an older firmware, installation country will be a mandatory setting.

- Inverter alarm type I, II and III will now show hex code in the alarm log (alarm 203, 204 and 205). Applies to machines with 3-phase Yaskawa-inverter.

- Better temperature measuring on the room sensor in the RMU with program version 256 or higher. Takes in consideration if the display is on or off.

- Possibility to ignore log.set-file in the USB menu.

- Flow sensor can now be connected to machines that don't have this installed from factory.

- External energy meter added as accessory.

- EME10 (PV-panel control) added as accessory.

CHANGES

- Hot water is now also blocked when tariff is active.

- Icon shows if logging is in progress in the USB menu.

- Changed management of HP alarm. Three alarms within 2.5 hours gives A-alarm.

- SAM 40: Anti-freeze protection alarm supply air (alarm 185) can no longer be caused by temporary sensor fault on BT22.

- New start terms for defrosting added. Evaporator temperature (BT16) shall go below -1°C during the last 30 minutes to start the defrosting. This reduces the risk of unmotivated defrost starts.

- GP6 is active when low temperatures (<10 degrees) on the out door sensor BT1 or BT23 in SAM 40. This reduces the risk for anti-freeze protection alarms at e.g. tariff control.

- HW luxury works even if no heating demand exists. This fault occured in version5720R14.

- Improved stability in the regulation of USB memory.

Latest revision of this document: 2023-11-02
Listed below changes are official firmware versions.

Version history
NIBE F750

Version: 6468R11
Release date: 2015-06-08

This version is only released in a limited extent and has never been in the production. It should not be used in heatpumps produced year 2015 day 084 and later because of faulty fan mapping.

ADDED

- SCA 41 with low temperature addition (heat pump can be selected as external addition through the menu).

CHANGED

- Forced control of DM by exceeding max flow temperature in heating, can now be done at the earliest after all the valves have been operating toward heat for 5 minutes.

- Updates in control functions for the accessory SCA 41.

- Updates of control of circulation pump GP1, intended to avoid too low pump speed when switching to heat or upstart after defrosting in hot water mode.

- CPU-speed has been reduced to 190MHz to work with newer revisions of the processor. This eliminates problem with some machines loosing contact with NIBE Uplink™.

Version: 6468R7
Release date: 2015-03-09

ADDED

- R-version of the firmware is now logged in default logging.

CHANGES

- Serviceinfo menu "soft in/outputs" is now shown even if you have chosen "Smart price adaption" as output.

- Management of hot gas alarm changed. New info alarm introduced, hot gas stop (155). 3 hot gas stops within 240 minutes give hot gas alarm (55).

Latest revision of this document: 2023-11-02
Listed below changes are official firmware versions.

Version history
NIBE F750

Version: 6468R6
Release date: 2015-01-12

CHANGES

- Product configuration for art no 066038 (F750 Enamel) is updated with flow sensor. The function disappeard in v.6468R5.

Version: 6468R5
Release date: 2014-12-02

CHANGES

- Reading and writing to EEPROM are working even in the cases when the memory is not working bug-free.

- The compressor does not stop in an incorrect frequence when hotgas limitation decreases the compressor frequence, if you have blockFreq activated in the frequence range where the decrease is to take place. The regulation could earlier stop in a too high frequence and cause Hot gas alarm (Red alarm).

Version: 6468R4
Release date: 2014-11-24

CHANGES

- Improved management of calculation regarding periodic increase of Hot water. Could earlier miscalculate day at restart.

- Owerflow in pump regulator could cause restart.

- The frequency of logging to NIBE Uplink was happening too high and overloaded the network and server. Did also write to the internal memory with the same frequency at risk to shorten the memory life span.

Latest revision of this document: 2023-11-02
Listed below changes are official firmware versions.

Version history
NIBE F750

Version: 6468R2
Release date: 2014-09-23

CHANGES

ADDED

• AHPS-docking SCA41

• ECS 5-8

• Transfer numbers for current measurement

• Forced control of DM when DM should allow addition towards heat. Prevents DM to go below DM start-addition at certain conditions

• Selection "blocking of hot water" in AUX 5.4

CHANGES MADE IN EXISTING FUNCTIONS

• AUX-Blocking that is blocking heat mode, deactivates antifreeze for the heating system

• Improved blockFreq. The controlling could earlier ignore the blockFreq at certain conditions

• Highest allowed speed regarding the charging pump speed GP1 is corrected and is now working correct

• The room sensor is now calculating average over 15 minutes

• Improved antifreeze function for the heating system

• Calculated flow is calculated in one hour average temperature of the outdoor temperature BT1

• When logging of LOG.SET the variable number is now shown on selected variables that are set to be logged in menu 7.2.1 "Logging"

• Function blockFreq is changed, now adjustable to 50Hz

• Default fuse size is changed to 25A

• When holiday setting is activated and several climate systems, the setting for offset adjustment is shown, if at least one climate system is missing a control indoor room sensor.

• Improved compressor blocking after alarm in forced control

MENUES

• Menu service info
  - Is showing which address Modbus40 has in menu 3.1
  - "build time" and "build date" is not shown anymore

• Russian language has been updated

• Country flags removed in language menu 4.6

• Warning text added and yes/no-choises when you open the forced control menu

• Alarm log is now showing correct operating status and operating time if an alarm

Latest revision of this document: 2023-11-02
Listed below changes are official firmware versions.

Version history
NIBE F750

ACCESSORIES

- SAM 40: Alarm 340 supply air temperature below 11°C will no longer be in the alarm log

- MODBUS40:
  – If MODBUS40 has a higher version than 7, it will show menu 5.3.11 "modbus" where you can set the wanted address in MODBUS40
  – Will show page for setting of wanted address in MODBUS40 in the start guide if the accessory is activated
  – Supports communication toward lower register parallel with the ordinary. These lower are the same as the "above". Demands version 10 on MODBUS40:
    – 40004 written in hexadecimal (0x9C44 – 40001 = 3, 0x0003)

- Somewhat lower light intensity in the display

Version: 5720R15
Release date: 2014-05-09

CHANGES

- FIXES:
  Problem with periodic increase is corrected, occured in v.5720R12

- Immersion heater step-up follow the proper chart when it is a NIBE-inverter (1-phase inverter)

- Calculated flow temperature is now calculated on filtered out door temperature (60min.)

Latest revision of this document: 2023-11-02
Listed below changes are official firmware versions.

Version history
NIBE F750

Version: 5720R12
Release date: 2014-02-26

CHANGES

- Info alarm added, informing that the compressor (997) and addition (996) are blocked through AUX-input

- The alarm menu is not showing the alternative "aid mode" if no active selections in menu 5.1.4 have been made. Instead the text "Aid mode activated" is showing.

- SG Ready reintroduced. Existed in version 5086R4, disappeared in 5086R6

- +Adjust added. Function for control of compatible underfloor heating system.

- Sensor calibration. Starts 90 sec after start-up.
  - If sensor calibration failed, info alarm 351, 352 and 353 can be shown depending on which sensors that could not be calibrated.

- If the alu.-door was closed and a sensor fault on a HW-sensors, zero degrees was shown on the water drop. Now --°.

- Improved functionality on the control of the charging pump

- Changed time for blocking after stopped fan from 120 sec to 180 sec

- Smart price adaption added, applies only on a few markets

- Load monitor for compressor implemented

- Flow meter added for 066018, F750 E EM and 066035 NOVELAN ALW 6 V

- Energy calculation added for models with flow meter

- Scheduling of fan (menu 1.3.3) can now be done even for normal mode

- SMS-commands were accepted if the introduction was ok. It is now required that the complete text is correct.

MENUES

- Prio times can not be set between 1-9 minutes

- Better order on the pages in the start guide

- When holiday setting and several climate systems are activated, the settings for off set is shown if at least one climate system is missing controlled room sensor.

◆NIBE

Latest revision of this document: 2023-11-02
Listed below changes are official firmware versions.

Version history
NIBE F750

Version: 5086R6
Release date: 2013-12-20

CHANGES

- A bug that disabled the fan to shut down during the first two minutes in operation, is now corrected.

- Products produced until day 240 year 2011 could activate the solar control when upgrading the firmware to v.5086R4. This is now corrected.

Version: 5086R4
Release date: 2013-11-29

CHANGES

ALARM

- Sensor alarm HG-sensor for BT14 added. Alarm number 14.

- Info alarm for BT61 added. VBF. Alarm number 61.

- When alarm "low exhaust air temperature" (64) the RMU40 will light up and show the alarm icon and alarm number. It used to interpreted the alarm low exhaust air as an info alarm and did not show this.

MENUES

- Added page in the start guide that requests to set the ventilation.

- Translation for french, spanish dutch, estionian, latvian, russian, slovenian, italian are missing in this menu and therefore is in english.

- Exhaust air fan (and possible suppley fan) is not operating when the start guide is activated.

- Setting for the exhaust air fan (and possible supple 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 there.

- "QR service code" in service info 3.1 and in the start guide added.

- "Max tank temperature" for SOLAR in menu 5.3.4 is changed so it can be set between 5°C - 85°C

- Default value "max tank temperature" for SOLAR in menu 5.3.4 is changed to 85°C.

- Can not set the prio times between 1-9 minutes.

- 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.

- Translation updates

- AUX, menu 5.4, Soft in-/output.
  - 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".

Latest revision of this document: 2023-11-02
Listed below changes are official firmware versions.

Version history
NIBE F750

- Added the function "BlockFreq" where you can set two frequencies on 5Hz when the compressor is not allowed to operate. Menu 5.1.24.

- Accessory SOLAR42 added

CHANGES MADE IN EXISTING FUNCTIONS

- When logging with the LOG.SET the specail logging" ended after about 4 days and went over to standard logging. Corrected.

- 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.

- If BT3 is below 30 degrees when alarm "High condenser out" occurs, the alarm can be reset if BT12 go under 2 degrees.

Version: 3585R6
Release date: 2013-05-30

CHANGES
- New pump mapping for improvement of the internally controlled heat medium pump.

Version: 3585R5
Release date: 2013-04-30

CHANGES
- Added a new serial number 066018 for F750 E

- Added info alarm 166 for the anode, only active in 066063 and 066018

NIBE

Latest revision of this document: 2023-11-02
Listed below changes are official firmware versions.

Version history
NIBE F750

Version: 3585R3
Release date: 2013-03-28

CHANGES

- If you have chosen tariff blocking and/or outdoor air on AUX-entrances, they could reset when   upgrade to 3585R2.

- Outdoor air can now be activated even on units with vessel if they have a manufacturing date before day 200 year 2011.

- If the fan speed is set to 0% when the compressor is on, the display could restart if the reference and measured value on the aur-velocity sensor was 0.

Version: 3585R2
Release date: 2012-11-07

ADDED

- Comm-alarm MODBUS 40(251) added.

- New serial number for F750 CU 3x400v starting with 066015 according to "configuration rev 49"

- Comm-alarm MODBUS 40(251) added.

FIXES

- If the serial number was entered incorrectly no alarm for wrong serial number got activated.
- If electrical add is blocked when alarm "low exhaust air" is active the electrical add don't step in until freeze protection gets active.
- All steps on the electrical internal add. could get activated if there wasn't a serial number in the display.
- 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
- SAM40
  - QN40 on SAM40 did not close as it should. It opens all the time heat is allowed. Problem since v.3204R2.
  - When BT22 goes under 11°c the prio is changed to heat if there is a HW need(HW-production is blocked). If there is no heating allowed the compressor continues producing HW.

CHANGES

- B-alarm for DEW changed from alarm number 193 to number 210.

Latest revision of this document: 2023-11-02
Listed below changes are official firmware versions.

Version history
NIBE F750

- A-alarm for DEW changed from alarm number 93 to number 92.

Version: 3204R2
Release date: 2012-11-07

ADDED

- Pump exercise added for external pumps

- The serial number is now also saved in the input card and the base card if the cards have versions later than 28 for the Input card and 25 for the Base card.

- Function of outdoor air involvement according to accessory spec. R55
  - Added blanking time for the referens value change for defrosting. The blanking time is active if the outdoor air damper opens.Blanking time is equal to the time that occurs during fan step change.
  - Outdoor air involvement appears only on machines with stainless steel or enameled vessel.

- Added so the house on the first page now shows the room sensor at the lowest system that is either engaged or active.

- New info is shown in the startup page:
  - Program-ID, what software type that is downloaded.
    - 1 = F1145/1245
    - 2 = F370/470
    - 3 = F750
    - 4 = F1126/1226
    - 5 = F1345
    - 6 = VVM500

FIXES

- 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.

- 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.

- The compressor symbol is now shown if the compressor frequency is over 0.

- When vacation mode activated a hot water mode sometimes the compressor didn't stop running. Now the compressor need and the electric add.need is being set at the same way.

- Fixes so there don't need to be a need for the force control to work. But if there is an compressor alarm the force control gets disabled.

- MODBUS40 fixes:
  - 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 concomitantly with RMU40 or SMS40.

Latest revision of this document: 2023-11-02
Listed below changes are official firmware versions.

Version history
NIBE F750

- Changed made with MODBUS40 is now saved and does not disappear after a restart.

CHANGES

- Pump exercise of internal heat media pumps and brine pumps are changed. Now they stand still in 12h then runs in 10sec.

- SMS40 changes/fixes:
  - Service info page for SMS40 is now translated. Was earlier only in English.
  - Added handling for capitals in SMS-commands.
  - 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.
  - 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.

Version: 2815
Release date: 2012-06-18

- SCA40 accessory added
  SCA40 can now be used together with the F750 heat pump.

- SAM40 bugfix
  SAM40 now defaults to opening the supply valve and alarms blocking the fan now also block the compressor.

- Supply air freeze protect blocks fan settings
  The fan settings in 5.1.5 and 5.1.6 can't be accessed during a supply air freeze protection alarm.

Latest revision of this document: 2023-11-02
Listed below changes are official firmware versions.

Version history
NIBE F750

Version: 2653
Release date: 2012-05-08

- SAM40 accessory added
  SAM40 can now be used together with the F750 heat pump.

- Filter alarm
  The filter alarm is now shown when the door is closed.

- Compressor block after defrost
  The compressor will no longer be blocked if water heating stops during a defrost

- Frequency limitation due to high supply temperature
  Previously the compressor wasn't allowed to decelerate if DM < -180, this caused the frequency limitation due to high supply temperature to be ignored. This issue has been resolved and the frequency is

  now limited even if DM < -180.

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

BUG FIX

- Error correction has been modified to allow 29:th February. The Switch from summertime to winter time

Latest revision of this document: 2023-11-02
Listed below changes are official firmware versions.

Version history
NIBE F750

now occurs at 03:00 not 02:00.

Version: 1770
Release date: 2011-09-20

- Inverter alarm – Tariff Block
  No Type 2 alarm is raised if the tariff block is active via a soft input and the inverter is shut off.

- 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 "lox 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.

- Inverter alarm – fault/error code
  Inverter alarms are indicated with "F:" (Fault) or "E:" (Error) in serviceinfo and in menu 6.

- Indoor temp log

  Lower limit for indoor temp log is changed from +10°C to 5°C.

Version: 1725
Release date: 2011-08-31

- 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.

- Forced control
  Bug fix. In forced control GP1 was on K3 and GP6 on K4.
  Now GP1 is on K4 and GP6 on K3

- Inverter communication alarm(F750)

Latest revision of this document: 2023-11-02
Listed below changes are official firmware versions.

Version history
NIBE F750

No communication alarm is raised if the compressor is blocked via a soft input.
That is compressor or tariff blocking.

Version: 1384
Release date: 2011-03-14

COMMENTS:

• USB default log

When logging on USB in v1360 the log file got corrupted and when USB-memory was removed the display restarted.

Version: 1360
Release date: 2011-03-02

COMMENTS

• DEW40
First program with DEW40.

• Default values
Default values have been changed for heating curve, curve offset and fan speed.
New values are:
– Heating curve: 5
– Curve offset: -1
– Fan speed: 75%

• Bug fix factory settings
Countdown could previously be interrupted. This has been fixed.

• USB stability
Read and write to USB devices have been updated, potential problems with logging to some devices have been fixed.

Latest revision of this document: 2023-11-02
Listed below changes are official firmware versions.

Version history
NIBE F750

Version: 1237
Release date: 2010-11-05

COMMENTS

- HW
  Periodic increase doesn't start at first power up of the heat pump as it did in v1199.

- Inverter
  Forced parameterisation of the inverter is possible in M5.5. This function was removed in v.1199.

- Defrost
  The decrease in airspeed that triggers defrost was changed to 5% in v1199. The value has now been changed back to 10%.

- USB logging

  Air speed sensor was named as BF1 in log file. Changed to BS1

Version: 1199
Release date: 2010-10-27

COMMENTS

- New hardware
  First program can be used together with new display module.

- MODBUS
  First program with MODBUS accessory included.

- 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.

- SMS40
  Added exhaust air, extract air and evaporator in "?temp" message.

- USB logging
  Improved USB logging. Correct "division units" for correct visualizing in NIBE applications.

- USB logging parameters

Latest revision of this document: 2023-11-02
Listed below changes are official firmware versions.

Version history
NIBE F750

It is possible to see which parameters that are logged in the USB logging menu.

Version: 1096
Release date: 2010-06-18

COMMENTS

- New defrost routine

- Improved handling of int. el. add. in HW when switching from heating with int. el. add.

- Updated languages (Russian added) and texts

- A multitude of minor buggfixes

- Compressor is allowed to start with out start procedure if it's restarting after defrost.

- New default log parameters for USB-logging

- New and improved handling of inverter alarms

- The Low Exhaust Air alarm is now a red light alarm and will stop the compressor

- SMS40 and RMU40 have been updated

Version: 995
Release date: 2010-03-03

COMMENTS

First official release