

Overview latest software versions:

component	File name software	User interface panel	product	Release date
HS3	Bidhs3.uimage	U3.2-25	NOZ ₂ ; IndAC ₂	02-07-2020
		U3.2-25	SR	02-07-2020
		U3.2-25	HR 25/35/45	02-07-2020
			HR45_new	
b-touch (art nr: 0505333)	Bidhbs.uimage Bidhbs_lang.uimage	B4.0-0	NOZ ₂ ; IndAC ₂	from 09-2022
		B4.0-0	SR	from 09-2022
		B4.0-0	HR	from 09-2022

0505333 = B-touch light from 24-05-2017

B-connect software:

Version + Release date	Descripton change			
	type	change		
1.0c3		Led 6: is fault when 1 modbus register is faulty		
1.0c1 7-07-2016				

Main board HS3 : (BIDHS3)

Version + release date	Description change		Works only in combination with BDP software version ..	unit	Related R&D development document for details
	type	function			
U3.2-26/27	change	Remove restrictions on unit type for room temperature and digital input measured by B-touch, so can also be used by Indac and Noz.(not working for Indac /Noz) Allow HR-unit to use room temperature measured by B-touch when menu 71=0 and also digital input on B-touch=1		HR	
U3.2-25 (modbus=	release	Date release production: 01-07-2020		SR/INDAC NOZ/HR	
U3.2-25	new	Added text free cooling active to communication, for displaying on B-touch display. Error F6 (inlet sensor) is detected for HR-units when heating is possible.		HR	PJ- 166- 069
	change	In situation fan off and door closed (menu 25.1=0 and 25.2=0) now always close water valve if open position (menu 25.5) is set to 0%.		SR/Indac	
U3.2-23/24	change	Added filtering of U0t value to avoid fast switching of fan speed. Added menu parameter "UDEC" as limit for decreasing fan stand in auto mode, this is modbus address 470 (default 930, meaning U0t 7% below lower stand).		SR/Indac	
	change	PIR grid now uses the highest of elements T5 and T8 as a reference temperature for door open detection and outdoor and indoor temperature. Added PIR Tref variable to Modbus address 537 and serial command "pir" and "pirdoor".		SR/Indac	
	change	Do not generate F2/F3 error (heat/cool watervalue remains open/closed) when-unit fan is off.		SR/Indac/N OZ/HR	
	change	Add dummy modbus address 242-249 Baudrate modbus will not be changed by FACTORY RESET		SR/Indac/N OZ/HR	
	Change	Add additional condition for Free cooling. Fresh air sensor (X540) must be valid		HR	
	change	Change function 7 in TEST MENU. Fresh air damper now open, so we can distinguish Extract damper from Fresh air damper.		HR	
	change	Make special functions work according to the following priority: 1. Test menu ; 2.Smoke extract ;3: Fire mode ; 4.E7 (unit off)		HR	
	release	Date release production only for test projects HR45 21-02-2020		HR	
U3.2-22 (modbus=					
U3.2-22 (U3.2-21)	change	For HR-unit all input functions are allowed for digital input 2 and 3, same as for input 1.allowed instead of fixed to resp. 10 (filter dirty) and 22 (fan alarm),which are default now.		HR	
U3.2-20 (U3.2-19)	change	Change functionality E7 error. -> Make it possible that HR can work with Fire mode and Smoke extraction HR: during error it will work like "Fire mode" -> switch unit off. also modbus 221 will change to 0 (unit off) Input-1 can be used for smoke extraction. -> this has the priority		HR	
U3.2-18	new	Make new IR sensor D6T-8L-09 possible Can work with both sensors		SR/ Indac	
	bug	Fixed potential issue regarding invalid HS3 COMM node data. On older versions, a reset was triggered after accessing invalid memory,caused by invalid HSP node numbers (beyond the		SR/Indac/N OZ/HR	

		maximum of 10).			
	new	Add dummy modbus address 542-550		SR/Indac/N OZ/HR	
U3.2-17 (modbus=49 425)	release	Date release production: 15-07-2019		SR	
U3.2-17	change	Added Modbus registers 538/539 for total hour counter and 540/541 for total fan switches (Low/High byte). - Counter fan switches limit/reset 100.000 is skipped. - working/standby hour counter (has power) is changed from 10 minutes to 1 hour.		SR	
U3.2-16 (modbus=49 424)	release	Date release production: 21-01-2019		SR/Indac/N OZ/HR	
U3.2-16	bug	Solved reset errors command did not work for slave HS3 units. (E3, E4, E5)		SR/Indac	
	change	Solved reset error E5 should not check if Tuit-Tin < 5 degrees for SR hybrid as water heating may be active.		SR	
U3.2-15	change	Improvements safety hybrid units. - electrical heating off when no air flow or E4/E5 error - Electrical is now switched off directly.			
	change	Enabled error E5 also for SR hybride		SR	
	change	E6 error: setpoint discharge is now limited to 50 degree.		SR/Indac/N OZ/HR	
U3.2-14	change	CO2 sensor fault automatic resetted when mode is set to Manual mode.		HR	
U3.2-13	new	Added output functions 14 (cooling on): switch on when cooling and output valve > 20%, switch off when valve is 0%. Note: for changeover unit heating water valve is used for cooling.		NOZ/HR	
	change	Changed condition for Error 14: NOZ Defective inlet sensor, suppress error when room temperature is set by Modbus 431.		NOZ	
	new	Added Error 17: Defective CO2 sensor, HR-units only. Only active when CO2 function is used. Automatic reset when CO2 sensor is detected Do not use: error reset does not work no user interface added. Can be resetted by "reset " button.		HR	
	new	Added output functions 25 and 26: activated when heating (25) or cooling (26), persistently (also when units are switched off). Works according modbus register 241		NOZ/HR	
	new	Added Error 16: Defective medium sensor X354 (Tres), Daikin Hybride only.(code 93) ; No user interface added		SR	
	bug	Solved PIR grid person (start) detection not working at temperatures below 0 degrees. ; problem: below 0 degrees the signal was always active		SR/Indac	
	change	E4 error Hybrid units: In case of electric errors, continu working by water heating only, switch off electric. Note: fan is increased to 60% due to electric error.		SR	
	change	Capacity test Hybride units Improved temperature control for Hybride (cfgcode -83-) and Daikin Hybride (-93-): when Capacity Test started, immediately switch on electric without 2 min. delay.		SR	
U3.2-12	bug	Modbus control setpoint was not working for cooling. Modbus reg 424 sets heating setpoint and sets cooling setpoint with added deadband menu 5.1 to it. In case of cooling-only units Modbus setpoint equals cooling setpoint. Improved Modbus 238 cooling setpoint in case of cooling-only.(is now cooling value)		NOZ/HR	
U3.2-11	change	Changed menu 61 output function 13 (heating on) for NOZ: heating on when valve > 20%, off when 0%		NOZ/HR	

	change	Improved actual low temperature limit for outlet air setpoint. If menu 6 < 0 then the limit is not adapted when room temperature too high.		SR/Indac/N OZ/HR	
U3.2-10 (modbus=49 418)	release	Date release production: 1-10-2018		SR/Indac/N OZ/HR	
	bug	Skip copied log records in log-files. Make the RTC time more reliable over the network Unit code reset to 00000000 causing E2 error, most likely solved		SR/Indac/N OZ/HR	
U3.2-9 (modbus=49 417)	release	Date release production: 20-07-2018		HR	
	bug	Fix copying log records with incorrect data when crossing a sector boundary		SR/Indac/N OZ/HR	
	bug	Solved HR-unit extract fan (fan 2) was not activated while night cooling * Solved fan speed calibration screen was sometimes writing wrong values to the setting for the previous selected fan speed number.		HR	
U3.2-4 / U3.2-8	new	Made I-sensor possible for Indac		Indac	
	change	* PIR door open detection now uses sensor 8 instead of 5 as reference. * Added extra condition for door open detection: T1,T2,T3 > Tref only when unit is not heating (dt out-in < 5 degrees). * Adapted serial PirDoor command: changed labels T0-T7 to T1-T8, Tref=T8 instead of T5, added door state before conditions eg. "door=1=0" means door is detected open but discarded because fan or unit is off or unit is heating.		Indac/SR	
	bug	* Solved errors F12, F13 were not working when sensor value was invalid.			
	change	* Changed highest measured Tuitbl, decrease rate is now 6 instead of 3 degrees/hr.		Indac/SR	
	new	* Added DX-control unit (config code 20---59-), same as Daikin2 but has also fan control, Tuitbl setpoint for predictive model is estimated from highest measured Tuitbl, red air flow is displayed when Tout-Tin > 5 degrees.	B3.4-2	SR	
U3.2-3 (Modbus=49 411)	release	Date release production:13-04-2018		SR/Indac/N OZ/HR	
U3.2-3	bug	A lot of small communication and error handling issues made more stable in very special situations.		SR/Indac/N OZ/HR	
U3.2-2 (Modbus=49 410)	release	Date release production:28-03-2018		SR/Indac/N OZ/HR	
U3.2-2	bug	Communication Master/Slave units made more stable in very special situations.		SR/Indac/N OZ/HR	
U3.2-0	bug	Bug resolved. Data could be lost by copying. Also the modbus address setting/ internal timer/ Flow rate HR could get lost		SR/Indac/N OZ/HR	
U3.1-22	bug	F15 is made more reliable.(not triggered after reboot)		SR	
U3.1-21 (Modbus=49 301)	release	Date release production:19-03-2018		SR/Indac/N OZ/HR	
	bug	Some communication problems and master/slave conflicts are solved, when only master unit is switched off from power supply.		SR/Indac/N OZ/HR	
	bug	Fixed issue with Modbus 424 temperature setpoint from GBS, this was decreasing room temperature setpoint until 1 degree when written. (bug was introduced in version U3.1-11)			
U3.1-18	new	Modbus: 408/418/428 added. temperature control can now be controlled. (Ambient, Heating, Cooling)		HR/NOZ	
U3.1-18	new	Modbus can now be set by the B-touch. Every unit his own modbus address	B3.3-12	SR/Indac/N OZ/HR	
U3.1-16 (Modbus=49 296)	release	Date release production:19-02-2018		SR/Indac/N OZ/HR	
	bug	Modbus COMM function: Even and odd was swapped. now		SR/Indac/N	

		working according specification.		OZ/HR	
U3.1-15 (Modbus=49 295)	release	Date release production:19-01-2018		HR	
	bug	Modbus address (462) was not automatically reset after new modbus values are set by 460=1		SR/Indac/N OZ/HR	
U3.1-14	new	Make it possible to change modbus settings through modbus connection Modbus address is stored local Modbus: baudrate and communication are set global (settings file)		SR/Indac/N OZ/HR	
	new	Range Setting COMM increased. COMM=-1 added for reset modbus adres to dip switch	B3.3-7	SR/Indac/N OZ/HR	
	bug	New menu items are now automatically set to zero. (not an undefined value)		SR/Indac/N OZ/HR	
	bug	Dirty filter signal does now respond on the value of setting 18.3 and 18.4		HR	
	change	F15: error detection time no communication IR-sensor increased from 10 to 20 sec. (to make it more reliable)		SR	
U3.1-13	Bug	Heating off after power restart is solved (2 units and also for 1 unit)		SR/Indac/N OZ	
U3.1-12	Bug/change	* Solved TuitSp was oscillating between 15 and 50 degrees when menu 46 (max outlet temp) was lower then min outlet temp. Now min outlet has highest priority.		SR/Indac/N OZ/HR	
	change	* Adapted behaviour of fan speed when closing door and room temperature control is enabled. Solved by using the PI-control calculated TuitSp for model calculation instead of the highest TuitSp from on/off temperature control, so now fan setpoints stays the same on transition from open to closed door.		SR/INDAC	
	Change/bug	* Enabled input function 10/60 (filter fouling by digital input) again for NOZ and Indac.		NOZ/INDAC	
U3.1-11	Bug/change	Cooling set point is now used for a 100% cooling unit		NOZ/HR	
	Bug/change	Several topics changed/improved: valve check ; menu 31			
	New/change	* Adapted configuration codes: removed Indac 101xxxxx and 104xxxxx, added HR 60x2xxxx		Indac/HR	
U3.1-10	bug	Improve several controls: PID control and fan speed and heating cooling control		SR/Indac/N OZ/HR	
U3.1-9	new	* Add function 5.1 Band width heating/cooling menu parameter * Add function 7 Minimum air temperature cooling menu parameters * Add NOZ/HR extended temperature control (instead of Heating on/off) * Add temperature setpoint for cooling * Add menu parameters for cooling and temperature control.	B3.3-3	NOZ/HR	
	new	New configuration codes heating/cooling and change over Heating/cooling control added. New modbus addresses. User interface changed and also cooling control added		NOZ/HR	
	new	* Add automatic fan settings 31.1, 31.2 and 31.3		SR/Indac/N OZ/HR	
	change	"Unit 24 hr on" to count only when fan is on.		SR/INDAC	
	change	* Menu 25.2 (default fan) is only used for door closed, door open minimum fan speed in automatic mode now from menu 31.2.		SR/INDAC	
	Change/bug	* Menu 31 (max fan) only applies to automatic mode, manual mode fan speed is not limited.		SR/INDAC	
U3.1-8	new	Added menu parameter 60.4 (Modbus 340) door timer, to extend door open signal		SR/Indac	
U3.1-7	release	Date release production: 28-09-2017		HR	

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(Modbus=49287)	change	Added Free Cooling for HR-units with config code dig67 = 09. Fan speed minimum speed 2 at free cooling.		HR	
U3.1-6 (Modbus=49286)	release	Date release production: 8-09-2017		SR/Indac/N OZ	
	New/bu gs	Solved controlling air dampers were not activated in HR-unit testmode. * Solved measured CO2-value was not updated to B-touch. * Solved clipping to 2000 ppm should not stop ventilation. * Set default for menu 62.1 = 10 (Analog input = CO2-level) for HR-unit, for other unit types default 0. * Solved Modbus address 426 did not accept ventilation mode 10 for HR-unit. * Textual changes in command line output, replaced "BEMS" by		HR	
U3.1-5	New/bu gs	For HR-unit close output (LKD or UBK low) is used as error output to drive an indication light. * Changed menu 0.8 VentMode option NightCooling = 10 instead of 3. * Suppress error F6 for HR-unit, no inlet sensor is allowed. * CO2 level is now clipped at 2000 if analog input > 10V. * Added variables for PIR-sensor (defrost input) and fan 1 and 2 analog output voltages, necessary for B-touch test screen. * Added testmode for HR-unit with 6 test fases to select from B-touch. * Filter input function is now reset when user activates clean filter from user interface. * For HR-unit filter dirty input is OR-ed with track filter time.		HR	
U3.1-4	New/bu gs	Added HR-unit auto ventilation control based on CO2-level, measured by sensor or Modbus input value. * Added menu 62.1 (Modbus address 350) Analog Input 1 Function, 10=CO2-control 3-points.		HR	
U3.1-3	change	BAUD ; increase from 3 options to 4 baud rates (57600 added as number 3)		SR/Indac/N OZ	
	bug	Delayed communication-in-sync status till after receiving initial process data. * Fixed bug regarding parameters being reverted to their previous value, shortly after they were altered. Between changing the value(s) and actually saving the change(s) to persistent flash, the value(s) could be reverted.	B3.2-05	SR/Indac/N OZ	
U3.1-2	bug	Make upload software to more reliable. (added a retry mechanism)		SR/Indac/N OZ	
	new	Add some function HR unit Settings file increased with CO2 level settings. menu 62.2/62.3/62.4		HR	
U3.1-0	release	Production release date: 23-08-2017		SR/Indac/N OZ	
	change	This version can work with stripped HS3 print.	3.2-1	SR/Indac/N OZ	
	bug	Modbus more reliable for high speeds. (was limited to 19200 and is now working good for 115200) Minimum-inter-frame delay between sending and receive is kept the same (value = 4) Maximum inter-character delay for receiving request is changed from 5 to 40		SR/Indac/N OZ	
U3.0-12 (modbus=49164)	release	Production release date: 1-05-2017		Indac/NOZ	
	bug	Bug introduced. Input function: dirty filter – detection, does not work anymore		SR/NOZ/IN DAC	
U3.0-12 (21-03-2017)	release	Production release date: 21-03-2017		SR	
	bug	Filter could not be resetted by control panel. problem resolved		SR	
	change	Filter timer only count when fan is active (not only when unit is on) Filter test flow sensor will no also be activated when fan is off according to function 42.		SR	

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		Filter flow test will not work when menu 18.2=0			
	change	Filter time or flow will never be used. Default value 18.2 will be 0 (in previous version 18.2 was 1 and then filter scenario was used, even when the user screen was not shown)		NOZ INDAC	
3.0-10	change	E7 (fan not running), will now reset automatic instead off through error reset menu.		NOZ INDAC	
U3.0-9 06-01-2017 (modbus=49 161)	release	Production release date: 6-01-2017		SR	
	new	IR outdoor temperature also detected by early-start signal, so high temperature can be measured. -> so function 41, 42 and 43 can have effect.	--	SR	
	change	Default PIRB has changed from 33 to 60, to make the door detection more stable. (no false detection by bad isolated door and fluctuating IR-sensor)			
U3.0-6	release	Production release date: 31-12-2016		SR	
	Bug	Modbus 397 added for IRON setting		SR	
	Bug	Bug fixed calibrate offset: Indoor temperature measurement by PIR is limited to average inlet air temp to protect against sun influence.		SR	
3.0-5	bug	Fixed bug with modbus address 411/421, set heating by GBS only.		all	
	change	Indoor temperature measurement by PIR is limited to average inlet air temp to protect against sun influence.		SR	
	change	Made time IR function on more flexible. 30 minutes can be changed by setting IRON between 1-60 minutes	B3.1-1	SR	
3.0-4	bug	* Solved problem with menu 1 (allowed modes) and menu 0.6 (actual mode), caused setting of menu 1 could be immediately reset again by bdp.		SR	
3.0-3 8-11-2016	bug	Xref5 and IR-room sensor will give strange values (very high or very negative values) at sudden moments		SR	
3.0-2 1-11-2016	bug	Internal timer can now be activated by control panel	3.1.0	SR	
	change	Modbus 424 also copied to function 5. IR-value 1-8 start with default temperature. X377 output works with heat output (same as Indac)			
U3.0-0	release	Production release date: 01-10-2016	B3.0-0	SR	
	new	Released software SR		SR	
1.0-18 (26-04-2016)		Bug introduced: Heating switched off, after power reset			E-mail 11-01-2018 Gerard
U1.0-12 (5-02-2016)	release	Production release date: 10-02-2016		NOZ/Indac	
	change	Bug solved temperature control NOZ auto. PID control resetted before room temperature was reached. So slow room temperature control		Indac/noz	
	change	Modbus bug repaired. for control function 406 and 407 NOZ control			
	new	Modbus addresses added for room sensor, outdoor sensor, PIR setting			
	new	Modbus addresses added to have flexible control main settings range 400-407 ; 410-417 and 429-427			
U1.0-11 (27-10-2015)	release	Production release date: 18-01-2016		NOZ/Indac	
	change	Bug solved for real time clock			E-mail Pim 27-10-2015
U1.0-10 (9-10-2015)	release	Production release date: 27-10-2015		NOZ/Indac	
	change	Pir functionality improved. default temperature and 0-0,5 degree ignored	B1.0-7		E-mails Freerk
		Communication software problems multi units resolved	B1.0-7		
1.0-07	bug	Serial command NOZ improved			E-mail 2-09-2015
	bug	Error message E1 solved. timing set to 5 sec. (same as HS2)			E-mail Pim 7-

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					09-2015	
1.0-6 28-08-2015	Bug	Communication bug more units. (masters stops working/communication)			NOZ/Indac/CA	E-mail Pim. 28-08-2015
U1.0-5 (8-07-2015)	release	Production release date: 24-08-2015			NOZ/Indac	
	change	PIR functionality improved. PIRJ added ; summer/winter control changed			CA Indac	PJ166-040C
	new	Leds on HS3 indicates now power and local error			NOZ Indac	
	change	User interface changed. Some sensor renamed in home and status screen and some textual changes and some input bugs are repaired			NOZ Indac	
	change	Valve damper and ventilation damper control works now from 20%-100%			NOZ Indac	
	change	Multiple systems. HS3 systems are automaticle included			NOZ Indac	E-mail Pim PJ166-013_fw
	change	Fan speed CA units changed. Now works good with T-print. EC-fans: Voltage = % max volume (no conversion)			CA2	PJ166-04C
	change	Setting range table outdoor temperature increased to -300			Indac	
1.0-2	change	PIR functionality improved and PIR modbus addresses (counters) added.			Indac / CA2	
U1.0-0	release	Production release date: 15-01-2015			NOZ/Indac	
		First release				
Version +	Description change		Works only in combination with BDP software	unit	Related R&D development document for details	
	type	function				
Main board HS3 : (BIDHS3)						

Control Panel b-touch

Version	Description change		Works only in combination with Unit software	unit	Related R&D development document
	type	function			
B4.0-0	release	Date release production (medio october-2022 all in production) Production release Protonic:		All	
B4.0-0	change	Software adapted to make it work with the new screen. It will not accept old software below V4.0, because these software cannot work with the new screen. V4.0-0 can work with old screen		all	E-mail: 10-08-2022 michiel schelfhout
B3.4-9	release	Date release production (18-08-2022 all in production) Production release Protonic: 15-03-2021		All	
B3.4-9	Bug	Screen driver of B-touch has changed. To prevent flickering the software has to be changed to write the initialising settings (Backwards compatible)		All	
B3.4-8	release	Date release production 02-07-2020		HR	
B3.4-8	New / change	In main screen added "SMOKE EXTRACT ACTIVE" and "FIRE MODE ACTIVE" information lines. * Added status line in HR-unit home screen info popup with recirculation, heat recovery, free cooling mode or defrosting active. * Maintenance status screen room setpoint now displays actual setpoint instead of setting from UserMenu. * For HR-units menu 60.2 and 60.3 digital inputs function 30, 31, 40,41 are also allowed and can be set in configuration menu. * For HR-units menu 60.3 input function 22 (fan fault) is added.	U3.2-25	HR	
B3.4-7	Released	Date release production 20-02-2020		HR/NOZ/S R/INDAC	
B3.4-6 B3.4-7		Updated translations from Biddle po-files dd 2-12-2019. and Some small adjustments in new translations dd 19-12-2019.		HR/NOZ/SR/I NDAC	
B3.4-5	bug	Fix unintentional changes in temperature setpoint when entering the the menu from the home page with the setpoint popup		HR/NOZ/SR/I NDAC	
	change	Export functional log from control node instead of master node		HR/NOZ/SR/I NDAC	
B3.4-4	change	Export functional log from master node only.		HR/NOZ/SR/I NDAC	
	change	Change temperature info status page for HR/NOZ units.		HR/NOZ	
	new	Added warnings "F16: Defective medium sensor" and "F17: Defective CO2 sensor".		HR/SR	
	new	Added functions "14: Cooling on" and "25/26: Heating/Cooling mode active" to output functions.		HR/NOZ	
	new	Allow input setting 13/63 for testing new functionality.		HR/NOZ/SR/I NDAC	
B3.4-3	release	Date release production 1-10-2018		HR/NOZ/S R/INDAC	
B3.4-3	bug	* Fix writing resend data into file when exporting the logs. * Fix writing illegal characters in system info export file.		HR/NOZ/S R/INDAC	

B3.4-0/ B3.4-2	new	Allow branding the software for other distributors.(Schwankair)		Indac	
	new	Add DX specific restrictions to user interface for SRU		SR	
	change	* Show IR sensor status if IR sensor enabled (SR and Indac). * Allow "Avarage IR sensor/unit" for function 71: Indoor sensor. * Disable IR sensor options in installation wizard for Indac. * Select IR sensor sma8 as reference temperature instead of sma5.		Indac/SR	
B3.4-0	bug	* Fixed loosing or no longer storing persistent data records.In some cases data was lost, if a sector boundary was crossed, but luckily these situations did not occur on this product.		NOZ/SR/IN DAC	
B3.3-13	release	Date release production 28-03-2018		HR/NOZ/S R/INDAC	
	bug	Fix: units being turned off by connecting the B-Touch.		HR/NOZ/S R/INDAC	E-mail 20- 03-2018
B3.3-12	release	Date release production:19-03-2018		HR/NOZ/S R/INDAC	
	new	Modbus can now be set by the B-touch. Every unit his own modbus address	U3.1-18	HR/NOZ/S R/INDAC	
	change	Updated latest text all languages	--		
	change	Change order of log-file download and skipped log (Task en debug) file			
	bug	Made update software HS3 more reliable	--		
B3.3-8	release	Date release production:19-02-2018		HR/NOZ/S R/INDAC	
	New/chan ge	Update languages for new fucntions according to customer changes.		HR/NOZ/S R/INDAC	
B3.3-7	new	* Added menu COMM parity/stopbits for Modbus communication. * Added menu 62.1 Function Analog Input 1.		HR/NOZ/S R/INDAC	
B3.3-6	New/chan ge/bug	* Check minimum fan speed against maximum fan speed and vice versa when setting new values for functions 31 and 35. * Show testfunction active in home screen. * Menu 27: not working for gradual speed anymore * Swap Fire and Smoke alarm input functions. * Add average cooling output percentage.		HR/NOZ/S R/INDAC	
B3.3-5	New/chan ge	* Fixed input missing and swapped input functions (again). * Add function 60. Input function 56. Release signal heating for all unit types. * Add function 60. Input function 62. Hybrid heating off - NC for CA. * Add function 60. Input function 7/57 Change over functions to HR. * Fixed issues regarding temperature setpoint popup for CA/Indac. * Incremented removal timeout after touch to 3000 ms for combined temperature setpoint popup. * Remove popup (any popup) by touching outside the popup. * Ignore dead band temperature when only cooling is possible. * Changed popup text "heating is switched off" to "Temperature control is switched off". * Changed "Heating off option" to "Temperature control option". * Changed function 9 "control panel sensor" to "room sensor". * Show "auto" fan speed if response to door switch is set to gradual.		HR/NOZ/S R/INDAC	

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		<ul style="list-style-type: none"> * Show "auto" fan speed instead of value, if fan speed to be used with temperature control is set to 0 %. * Changed visible menu items for HR (and for if unit type unknown). * Changed allowed config codes for HR and Indac. * Allow setting output function "No function" from user interface. * Added output function "Unit on - NC" to user interface. 			
B3.3-4	new	User interface heating/cooling options		HR/NOZ	
B3.3-3	New/change	<ul style="list-style-type: none"> * Add change over signal cooling/heating to input function 60a, 60b and 60c. * Add automatic fan settings 31.1, 31.2 and 31.3. * Changed help text for function 26. Manual door response. * Add digits to NOZ config code. * Add function 5.1 Band width to room temperature screen. * Add function 7 Minimum air temperature cooling. * Add NOZ/HR extended temperature control (instead of Heating on/off). * Add temperature setpoint for cooling * Add menu parameters for cooling and temperature control 		HR/NOZ	
B3.3-2	new	* Function 60. Input function: Add Release signal heating description.		SR/INDAC	
	new	* Add function 27. Door extension signal to SR and Indac.		SR/INDAC	
B3.3-1	new	* Added menu 60.4 Door Timer, for access to settings file.		SR/INDAC	
B3.3-0	release	Date release production:8-09-2017		SR/INDAC/NOZ/HR	
		<ul style="list-style-type: none"> * Added filter menu to user interface for HR. * Removed fan and ventilation/recirculation control in auto mode from user interface for HR. * Removed several items from settings and configuration menu for HR. * Added HR test function to maintenance. * Changed installation wizard for HR and added auto control CO2 (function 62) and HR test function to wizard. * Added new functions to Input 1 in user interface for HR. 		HR	
B3.2-5		Improved GUI's NOZ/HR ventilation/recirculation toggle. It did not reflect the state from the HSP (only by coincidence) and it altered the state on redraw. * Setpoints with a configurable minimum and/or maximum, were sometimes discarded on initializing from HSP, because these setpoint are sent preceding the bounds. These custom bound are therefor discarded from now on, while communication is not yet synchronized.	U3.1-3	SR/INDAC/NOZ/HR	
B3.2-4	bug	Make download log-files more reliable. (adding a retry mechanism)		SR/INDAC/NOZ	
	bug	Change baudrate modbus is kept after power reset.			
B3.2-1	release	Date release production:24-05-2017		SR/INDAC/NOZ	
	new	Software change to make it work with stripped B-touch (art nr. 0505333)		SR/INDAC/NOZ	
3.1-1	release	Date release production:09-01-2016		SR/INDAC/NOZ	
	bug	Language would not change. Now used with right hbs_lang.uimage file.	--	SR/INDAC/NOZ	
B3.1-1	release	Date release production:31-12-2016		SR	
	new	Setting IRON can be changed	U3.0-5		
	bug	Status screen IR Xref5 is now showed the right sensor. sensor 5 instead of 4			
3.1-0	bug	Internal timer can now be activated by control panel	3.0-2	SR	
	new	7 new languages added and some text layout problems solved.		SR	
B3.0-0	release	Date release production:1-10-2016		SR	

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	new	First version Sensair	3.0-0	SR	
1.0-7 9-10-2015	change	Pir functionality improved. default temperature and 0-0,5 degree ignored	1.0-10	Indac	
Not released	bug	Communication software problems multi units resolved	1.0-10	all	
1.0-5 (8-07-2015)	change	Add PIRJ in settings file for PIR Change text		NOZ/Indac	
B1.0-0	release	Date release production:15-01-2015		NOZ/Indac	
		First release			
Version +	Description change		Works only in combination with BDP software version ..	unit	Related R&D development document for
	type	function			