

Field settings table

Applicable indoor units

*HBH04CB3V	*HVH04S18CB3V
*HBH08CB3V	*HVH08S18CB3V
*HBH11CB3V	*HVH11S18CB3V
*HBH16CB3V	*HVH16S18CB3V
*HBX04CB3V	*HVX04S18CB3V
*HBX08CB3V	*HVX08S18CB3V
*HBX11CB3V	*HVX11S18CB3V
*HBX16CB3V	*HVX16S18CB3V
*HBH08CB9W	*HVH08S26CB9W
*HBH11CB9W	*HVH11S26CB9W
*HBH16CB9W	*HVH16S26CB9W
*HBX08CB9W	*HVX08S26CB9W
*HBX11CB9W	*HVX11S26CB9W
*HBX16CB9W	*HVX16S26CB9W

Notes

- (*1) *HB*
- (*2) *HV*
- (*3) *3V
- (*4) *9W
- (*5) *04/08*
- (*6) *11/16*

Field settings table					Installer setting at variance with default value	
Breadcrumb	Field code	Setting name	Range, step	Default value	Date	Value
User settings						
└ Preset values						
└ Room temperature						
7.4.1.1		Comfort (heating)	R/W	[3-07]~[3-06], step: A.3.2.4 21°C		
7.4.1.2		Eco (heating)	R/W	[3-07]~[3-06], step: A.3.2.4 19°C		
7.4.1.3		Comfort (cooling)	R/W	[3-08]~[3-09], step: A.3.2.4 24°C		
7.4.1.4		Eco (cooling)	R/W	[3-08]~[3-09], step: A.3.2.4 26°C		
└ LWT main						
7.4.2.1	[8-09]	Comfort (heating)	R/W	[9-01]~[9-00], step: 1°C 35°C		
7.4.2.2	[8-0A]	Eco (heating)	R/W	[9-01]~[9-00], step: 1°C 33°C		
7.4.2.3	[8-07]	Comfort (cooling)	R/W	[9-03]~[9-02], step: 1°C 18°C		
7.4.2.4	[8-08]	Eco (cooling)	R/W	[9-03]~[9-02], step: 1°C 20°C		
7.4.2.5		Comfort (heating)	R/W	-10~10°C, step: 1°C 0°C		
7.4.2.6		Eco (heating)	R/W	-10~10°C, step: 1°C -2°C		
7.4.2.7		Comfort (cooling)	R/W	-10~10°C, step: 1°C 0°C		
7.4.2.8		Eco (cooling)	R/W	-10~10°C, step: 1°C 2°C		
└ Tank temperature						
7.4.3.1	[6-0A]	Storage comfort	R/W	30~[6-0E]°C, step: 1°C 60°C		
7.4.3.2	[6-0B]	Storage eco	R/W	30~min(50, [6-0E])°C, step: 1°C 45°C		
7.4.3.3	[6-0C]	Reheat	R/W	30~min(50, [6-0E])°C, step: 1°C 45°C		
└ Quiet level						
7.4.4			R/W	0: Level 1 1: Level 2 2: Level 3		
└ Electricity price						
7.4.5.1	[C-0C] [D-0C]	High	R/W	0,00~990/kWh 0/kWh		
7.4.5.2	[C-0D] [D-0D]	Medium	R/W	0,00~990/kWh 0/kWh		
7.4.5.3	[C-0E] [D-0E]	Low	R/W	0,00~990/kWh 0/kWh		
└ Fuel price						
7.4.6			R/W	0,00~990/kWh 0,00~290/MBtu 8,0/kWh		
└ Set weather dependent						
└ Main						
└ Set weather-dependent heating						
7.7.1.1	[1-00]	Set weather-dependent heating	R/W	Low ambient temp. for LWT main zone heating WD curve. -40~5°C, step: 1°C -10°C		
7.7.1.1	[1-01]	Set weather-dependent heating	R/W	High ambient temp. for LWT main zone heating WD curve. 10~25°C, step: 1°C 15°C		
7.7.1.1	[1-02]	Set weather-dependent heating	R/W	Leaving water value for low ambient temp. for LWT main zone heating WD curve. [9-01]~[9-00]°C, step: 1°C 35°C		
7.7.1.1	[1-03]	Set weather-dependent heating	R/W	Leaving water value for high ambient temp. for LWT main zone heating WD curve. [9-01]~min(45, [9-00])°C, step: 1°C 25°C		
└ Set weather-dependent cooling						
7.7.1.2	[1-06]	Set weather-dependent cooling	R/W	Low ambient temp. for LWT main zone cooling WD curve. 10~25°C, step: 1°C 20°C		
7.7.1.2	[1-07]	Set weather-dependent cooling	R/W	High ambient temp. for LWT main zone cooling WD curve. 25~43°C, step: 1°C 35°C		
7.7.1.2	[1-08]	Set weather-dependent cooling	R/W	Leaving water value for low ambient temp. for LWT main zone cooling WD curve. [9-03]~[9-02]°C, step: 1°C 22°C		
7.7.1.2	[1-09]	Set weather-dependent cooling	R/W	Leaving water value for high ambient temp. for LWT main zone cooling WD curve. [9-03]~[9-02]°C, step: 1°C 18°C		
└ Additional						
└ Set weather-dependent heating						
7.7.2.1	[0-00]	Set weather-dependent heating	R/W	Leaving water value for high ambient temp. for LWT add zone heating WD curve. [9-05]~min(45, [9-06])°C, step: 1°C 35°C		
7.7.2.1	[0-01]	Set weather-dependent heating	R/W	Leaving water value for low ambient temp. for LWT add zone heating WD curve. [9-05]~[9-06]°C, step: 1°C 45°C		
7.7.2.1	[0-02]	Set weather-dependent heating	R/W	High ambient temp. for LWT add zone heating WD curve. 10~25°C, step: 1°C 15°C		
7.7.2.1	[0-03]	Set weather-dependent heating	R/W	Low ambient temp. for LWT add zone heating WD curve. -40~5°C, step: 1°C -10°C		
└ Set weather-dependent cooling						
7.7.2.2	[0-04]	Set weather-dependent cooling	R/W	Leaving water value for high ambient temp. for LWT add zone cooling WD curve. [9-07]~[9-08]°C, step: 1°C 8°C		
7.7.2.2	[0-05]	Set weather-dependent cooling	R/W	Leaving water value for low ambient temp. for LWT add zone cooling WD curve. [9-07]~[9-08]°C, step: 1°C 12°C		
7.7.2.2	[0-06]	Set weather-dependent cooling	R/W	High ambient temp. for LWT add zone cooling WD curve. 25~43°C, step: 1°C 35°C		
7.7.2.2	[0-07]	Set weather-dependent cooling	R/W	Low ambient temp. for LWT add zone cooling WD curve. 10~25°C, step: 1°C 20°C		
Installer settings						
└ System layout						
└ Standard						
A.2.1.1	[E-00]	Unit type	R/O	0~5 0: LT split		
A.2.1.2	[E-01]	Compressor type	R/O	0: 8 1: 16		
A.2.1.3	[E-02]	Indoor software type	R/O	0: Type 1 1: Type 2		
A.2.1.4	[E-03]	Backup heater steps	R/O	0: No BUH 1: 1 step 2: 2 steps		

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Field settings table					Installer setting at variance with default value		
Breadcrumb	Field code	Setting name		Range, step	Default value	Date	Value
A.2.1.5	[5-0D]	BUH type		R/W	0: 1P,(1/2) 1: 1P,(1/1+2) 2: 3P,(1/2) 3: 3P,(1/1+2) (*3) 4: 3PN,(1/2) 5: 3PN,(1/1+2) (*4)		
A.2.1.6	[D-01]	Preferential kWh rate		R/W	0: No 1: Active open 2: Active closed		
A.2.1.7	[C-07]	Unit control method		R/W	0: LWT control 1: Ext RT control 2: RT control		
A.2.1.8	[7-02]	Number of LWT zones		R/W	0: 1 LWT zone 1: 2 LWT zones		
A.2.1.9	[F-0D]	Pump operation mode		R/W	0: Continuous 1: Sample 2: Request		
A.2.1.A	[E-04]	Power saving possible		R/O	0: No 1: Yes		
A.2.1.B		User interface location		R/W	0: At unit 1: In room		
Options							
A.2.2.1	[E-05]	DHW operation		R/W	0: No (*1) 1: Yes (*2)		
A.2.2.3	[E-07]	DHW tank type		R/W	0-6 0: Type 1 (*1) 1: Type 2 (*2)		
A.2.2.4	[C-05]	Contact type main		R/W	1: Thermo ON/OFF 2: C/H request		
A.2.2.5	[C-06]	Contact type add.		R/W	1: Thermo ON/OFF 2: C/H request		
A.2.2.6.1	[C-02]	Digital I/O PCB	Ext. backup heat src	R/W	0: No 1: Bivalent 2: - 3: -		
A.2.2.6.2	[D-07]	Digital I/O PCB	Solar kit	R/W	0: No 1: Yes		
A.2.2.6.3	[C-09]	Digital I/O PCB	Alarm output	R/W	0: Normally open 1: Normally closed		
A.2.2.6.4	[F-04]	Digital I/O PCB	Bottom plate heater	R/W	0: No 1: Yes		
A.2.2.7	[D-04]	Demand PCB		R/W	0: No 1: Pwr consmp ctrl		
A.2.2.8	[D-08]	External kWh meter 1		R/W	0: No 1: 0,1 pulse/kWh 2: 1 pulse/kWh 3: 10 pulse/kWh 4: 100 pulse/kWh 5: 1000 pulse/kWh		
A.2.2.9	[D-09]	External kWh meter 2		R/W	0: No 1: 0,1 pulse/kWh 2: 1 pulse/kWh 3: 10 pulse/kWh 4: 100 pulse/kWh 5: 1000 pulse/kWh		
A.2.2.A	[D-02]	DHW pump		R/W	0: No 1: Secondary rtm 2: Disinf. shunt		
A.2.2.B	[C-08]	External sensor		R/W	0: No 1: Outdoor sensor 2: Room sensor		
A.2.2.D	[E-0B]	Bi-zone kit	Is a bi-zone kit installed?	R/O	0: No (#)		
Capacities							
A.2.3.1	[6-02]	Booster heater		R/W	0-10kW, step: 0,2kW 0kW		
A.2.3.2	[6-03]	BUH: step 1		R/W	0-10kW, step: 0,2kW 3kW		
A.2.3.3	[6-04]	BUH: step 2		R/W	0-10kW, step: 0,2kW 0kW (*3) 6kW (*4)		
A.2.3.6	[6-07]	Bottom plate heater		R/W	0-200W, step: 10W 0W		
Space operation							
LWT settings							
Main							
A.3.1.1.1		LWT setpoint mode		R/W	0: Fixed 1: Weather dep. 2: Fixed + scheduled 3: WD + scheduled		
A.3.1.1.2.1	[9-01]	Temperature range	Minimum temp (heating)	R/W	15-37°C, step: 1°C 25°C		
A.3.1.1.2.2	[9-00]	Temperature range	Maximum temp (heating)	R/W	37~depending on outdoor unit, step: 1°C 55°C		
A.3.1.1.2.3	[9-03]	Temperature range	Minimum temp (cooling)	R/W	5-18°C, step: 1°C 5°C		
A.3.1.1.2.4	[9-02]	Temperature range	Maximum temp (cooling)	R/W	18-22°C, step: 1°C 22°C		
A.3.1.1.5	[8-05]	Modulated LWT		R/W	0: No 1: Yes		
A.3.1.1.6.1	[F-0B]	Shut-off valve	Thermo On/OFF	R/W	0: No 1: Yes		
A.3.1.1.6.2	[F-0C]	Shut-off valve	Cooling	R/W	0: No 1: Yes		
A.3.1.1.7	[9-0B]	Emitter type		R/W	0: Quick 1: Slow		
Additional							
A.3.1.2.1		LWT setpoint mode		R/W	0: Fixed 1: Weather dep. 2: Fixed + scheduled 3: WD + scheduled		
A.3.1.2.2.1	[9-05]	Temperature range	Minimum temp (heating)	R/W	15-37°C, step: 1°C 25°C		

(*1) *HB* (*2) *HV* _

(*3) *3V* (*4) *9W* _

(*5) *04/08* _

(*6) *11/16*

(#) Setting is not applicable for this unit.

4P383508-1 - 2015.01

Field settings table					Installer setting at variance with default value		
Breadcrumb	Field code	Setting name		Range, step	Default value	Date	Value
A.3.1.2.2.2	[9-06]	Temperature range	Maximum temp (heating)	R/W	37~depending on outdoor unit, step: 1°C 55°C		
A.3.1.2.2.3	[9-07]	Temperature range	Minimum temp (cooling)	R/W	5~18°C, step: 1°C 5°C		
A.3.1.2.2.4	[9-08]	Temperature range	Maximum temp (cooling)	R/W	18~22°C, step: 1°C 22°C		
Delta T source							
A.3.1.3.1	[9-09]	Heating		R/W	3~10°C, step: 1°C 5°C		
A.3.1.3.2	[9-0A]	Cooling		R/W	3~10°C, step: 1°C 5°C		
Room thermostat							
A.3.2.1.1	[3-07]	Room temp. range	Minimum temp (heating)	R/W	12~18°C, step: A.3.2.4 12°C		
A.3.2.1.2	[3-06]	Room temp. range	Maximum temp (heating)	R/W	18~30°C, step: A.3.2.4 30°C		
A.3.2.1.3	[3-09]	Room temp. range	Minimum temp (cooling)	R/W	15~25°C, step: A.3.2.4 15°C		
A.3.2.1.4	[3-08]	Room temp. range	Maximum temp (cooling)	R/W	25~35°C, step: A.3.2.4 35°C		
A.3.2.2	[2-0A]	Room temp. offset		R/W	-5~5°C, step: 0,5°C 0°C		
A.3.2.3	[2-09]	Ext. room sensor offset		R/W	-5~5°C, step: 0,5°C 0°C		
A.3.2.4		Room temp. step		R/W	0: 0,5 °C 1: 1 °C		
Operation range							
A.3.3.1	[4-02]	Space heating OFF temp		R/W	14~25°C, step: 1°C 25°C (*5) 14~35°C, step: 1°C 35°C (*6)		
A.3.3.2	[F-01]	Space cooling On temp		R/W	10~35°C, step: 1°C 20°C		
Domestic hot water (DHW)							
Type							
A.4.1	[6-0D]			R/W	0: Reheat only 1: Reheat + sched. 2: Scheduled only		
Disinfection							
A.4.4.1	[2-01]	Disinfection		R/W	0: No 1: Yes		
A.4.4.2	[2-00]	Operation day		R/W	0: Each day 1: Monday 2: Tuesday 3: Wednesday 4: Thursday 5: Friday 6: Saturday 7: Sunday		
A.4.4.3	[2-02]	Start time		R/W	0~23 hour, step: 1 hour 23		
A.4.4.4	[2-03]	Temperature target		R/W	[E-07]#1 : 55~80°C, step: 5°C 70°C [E-07]=1 : 60°C 60°C		
A.4.4.5	[2-04]	Duration		R/W	[E-07]#1 : 5~60 min, step: 5 min 10 min [E-07]=1 : 40~60 min, step: 5 min 40 min		
Maximum setpoint							
A.4.5	[6-0E]			R/W	[E-07]#1 : 40~80°C, step: 1°C 60°C [E-07]=1 : 40~60°C, step: 1°C 60°C		
SP mode							
A.4.6				R/W	0: Fixed 1: Weather dep.		
Weather dependent curve							
A.4.7	[0-0B]	Weather-dependent curve	Leaving water value for high ambient temp. for DHW WD curve.	R/W	35~[6-0E]°C, step: 1°C 50°C		
A.4.7	[0-0C]	Weather-dependent curve	Leaving water value for low ambient temp. for DHW WD curve.	R/W	45~[6-0E]°C, step: 1°C 60°C		
A.4.7	[0-0D]	Weather-dependent curve	High ambient temp. for DHW WD curve.	R/W	10~25°C, step: 1°C 15°C		
A.4.7	[0-0E]	Weather-dependent curve	Low ambient temp. for DHW WD curve.	R/W	-40~5°C, step: 1°C -10°C		
Heat sources							
Backup heater							
A.5.1.1	[4-00]	Operation mode		R/W	0: Disabled 1: Enabled 2: Only DHW		
A.5.1.2		Emergency		R/W	0: Manual 1: Automatic		
A.5.1.3	[4-07]	Enable BUH step 2		R/W	0: No 1: Yes		
A.5.1.4	[5-01]	Equilibrium temp.		R/W	-15~35°C, step: 1°C 0°C		
System operation							
Auto restart							
A.6.1	[3-00]			R/W	0: No 1: Yes		
Preferential kWh rate							
A.6.2.1	[D-00]	Allowed heaters		R/W	0: None 1: BSH only 2: BUH only 3: All heaters		
A.6.2.2	[D-05]	Forced pump OFF		R/W	0: Forced off 1: As normal		
Pwr consumpt. Control							
A.6.3.1	[4-08]	Mode		R/W	0: No limitation 1: Continuous 2: Digital inputs		

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Field settings table					Installer setting at variance with default value	
Breadcrumb	Field code	Setting name		Range, step Default value	Date	Value
A.6.3.2	[4-09]	Type		R/W 0: Current 1: Power		
A.6.3.3	[5-05]	Amp. value		R/W 0-50 A, step: 1 A 50 A		
A.6.3.4	[5-09]	kW value		R/W 0-20 kW, step: 0,5 kW 20 kW		
A.6.3.5.1	[5-05]	Amp. limits for DI	Limit DI1	R/W 0-50 A, step: 1 A 50 A		
A.6.3.5.2	[5-06]	Amp. limits for DI	Limit DI2	R/W 0-50 A, step: 1 A 50 A		
A.6.3.5.3	[5-07]	Amp. limits for DI	Limit DI3	R/W 0-50 A, step: 1 A 50 A		
A.6.3.5.4	[5-08]	Amp. limits for DI	Limit DI4	R/W 0-50 A, step: 1 A 50 A		
A.6.3.6.1	[5-09]	kW limits for DI	Limit DI1	R/W 0-20 kW, step: 0,5 kW 20 kW		
A.6.3.6.2	[5-0A]	kW limits for DI	Limit DI2	R/W 0-20 kW, step: 0,5 kW 20 kW		
A.6.3.6.3	[5-0B]	kW limits for DI	Limit DI3	R/W 0-20 kW, step: 0,5 kW 20 kW		
A.6.3.6.4	[5-0C]	kW limits for DI	Limit DI4	R/W 0-20 kW, step: 0,5 kW 20 kW		
A.6.3.7	[4-01]	Priority		R/W 0: None 1: BSH 2: BUH		
└─ Averaging time						
A.6.4	[1-0A]			R/W 0: No averaging 1: 12 hours 2: 24 hours 3: 48 hours 4: 72 hours		
└─ Ext amb. sensor offset						
A.6.5	[2-0B]			R/W -5-5°C, step: 0,5°C 0°C		
└─ Boiler efficiency						
A.6.A	[7-05]			R/W 0: Very high 1: High 2: Medium 3: Low 4: Very low		
└─ Overview settings						
A.8	[0-00]	Leaving water value for high ambient temp. for LWT add zone heating WD curve.		R/W [9-05]-min(45,[9-06])°C, step: 1°C 35°C		
A.8	[0-01]	Leaving water value for low ambient temp. for LWT add zone heating WD curve.		R/W [9-05]-[9-06]°C, step: 1°C 45°C		
A.8	[0-02]	High ambient temp. for LWT add zone heating WD curve.		R/W 10-25°C, step: 1°C 15°C		
A.8	[0-03]	Low ambient temp. for LWT add zone heating WD curve.		R/W -40-5°C, step: 1°C -10°C		
A.8	[0-04]	Leaving water value for high ambient temp. for LWT add zone cooling WD curve.		R/W [9-07]-[9-08]°C, step: 1°C 8°C		
A.8	[0-05]	Leaving water value for low ambient temp. for LWT add zone cooling WD curve.		R/W [9-07]-[9-08]°C, step: 1°C 12°C		
A.8	[0-06]	High ambient temp. for LWT add zone cooling WD curve.		R/W 25-43°C, step: 1°C 35°C		
A.8	[0-07]	Low ambient temp. for LWT add zone cooling WD curve.		R/W 10-25°C, step: 1°C 20°C		
A.8	[0-0B]	Leaving water value for high ambient temp. for DHW WD curve.		R/W 35-[6-0E]°C, step: 1°C 50°C		
A.8	[0-0C]	Leaving water value for low ambient temp. for DHW WD curve.		R/W 45-[6-0E]°C, step: 1°C 60°C		
A.8	[0-0D]	High ambient temp. for DHW WD curve.		R/W 10-25°C, step: 1°C 15°C		
A.8	[0-0E]	Low ambient temp. for DHW WD curve.		R/W -40-5°C, step: 1°C -10°C		
A.8	[1-00]	Low ambient temp. for LWT main zone heating WD curve.		R/W -40-5°C, step: 1°C -10°C		
A.8	[1-01]	High ambient temp. for LWT main zone heating WD curve.		R/W 10-25°C, step: 1°C 15°C		
A.8	[1-02]	Leaving water value for low ambient temp. for LWT main zone heating WD curve.		R/W [9-01]-[9-00], step: 1°C 35°C		
A.8	[1-03]	Leaving water value for high ambient temp. for LWT main zone heating WD curve.		R/W [9-01]-min(45,[9-00])°C, step: 1°C 25°C		
A.8	[1-04]	Weather dependent cooling of the main leaving water temperature zone.		R/W 0: Disabled 1: Enabled		
A.8	[1-05]	Weather dependent cooling of the additional leaving water temperature zone		R/W 0: Disabled 1: Enabled		
A.8	[1-06]	Low ambient temp. for LWT main zone cooling WD curve.		R/W 10-25°C, step: 1°C 20°C		
A.8	[1-07]	High ambient temp. for LWT main zone cooling WD curve.		R/W 25-43°C, step: 1°C 35°C		
A.8	[1-08]	Leaving water value for low ambient temp. for LWT main zone cooling WD curve.		R/W [9-03]-[9-02]°C, step: 1°C 22°C		
A.8	[1-09]	Leaving water value for high ambient temp. for LWT main zone cooling WD curve.		R/W [9-03]-[9-02]°C, step: 1°C 18°C		
A.8	[1-0A]	What is the averaging time for the outdoor temp?		R/W 0: No averaging 1: 12 hours 2: 24 hours 3: 48 hours 4: 72 hours		
A.8	[1-0B]	--		5		
A.8	[1-0C]	--		5		
A.8	[1-0D]	--		5		
A.8	[1-0E]	--		5		
A.8	[2-00]	When should the disinfection function be executed?		R/W 0: Each day 1: Monday 2: Tuesday 3: Wednesday 4: Thursday 5: Friday 6: Saturday 7: Sunday		

(*1) *HB*_*2) *HV*_
 (*3) *3V_*4) *9W_
 (*5) *04/08*_
 (*6) *11/16*

(#) Setting is not applicable for this unit.

4P383508-1 - 2015.01

Field settings table					Installer setting at variance with default value	
Breadcrumb	Field code	Setting name	Range, step	Default value	Date	Value
A.8	[2-01]	Should the disinfection function be executed?	R/W	0: No 1: Yes		
A.8	[2-02]	When should the disinfection function start?	R/W	0~23 hour, step: 1 hour 23		
A.8	[2-03]	What is the disinfection target temperature?	R/W	[E-07]#1 : 55~80°C, step: 5°C 70°C [E-07]=1 : 60°C 60°C		
A.8	[2-04]	How long must the tank temperature be maintained?	R/W	[E-07]#1: 5~60 min, step: 5 min 10 min [E-07]=1: 40~60 min, step: 5 min 40 min		
A.8	[2-05]	Room antifrost temperature	R/W	4~16°C, step: 1°C 12°C		
A.8	[2-06]	Room frost protection	R/W	0: Disabled 1: Enabled		
A.8	[2-09]	Adjust the offset on the measured room temperature	R/W	-5~5°C, step: 0,5°C 0°C		
A.8	[2-0A]	Adjust the offset on the measured room temperature	R/W	-5~5°C, step: 0,5°C 0°C		
A.8	[2-0B]	What is the required offset on the measured outdoor temp.?	R/W	-5~5°C, step: 0,5°C 0°C		
A.8	[3-00]	Is auto restart of the unit allowed?	R/W	0: No 1: Yes		
A.8	[3-01]	--		0		
A.8	[3-02]	--		1		
A.8	[3-03]	--		4		
A.8	[3-04]	--		2		
A.8	[3-05]	--		1		
A.8	[3-06]	What is the maximum desired room temperature in heating?	R/W	18~30°C, step: A.3.2.4 30°C		
A.8	[3-07]	What is the minimum desired room temperature in heating?	R/W	12~18°C, step: A.3.2.4 12°C		
A.8	[3-08]	What is the maximum desired room temperature in cooling?	R/W	25~35°C, step: A.3.2.4 35°C		
A.8	[3-09]	What is the minimum desired room temperature in cooling?	R/W	15~25°C, step: A.3.2.4 15°C		
A.8	[4-00]	What is the BUH operation mode?	R/W	0: Disabled 1: Enabled 2: Only DHW		
A.8	[4-01]	Which electric heater has priority?	R/W	0: None 1: BSH 2: BUH		
A.8	[4-02]	Below which outdoor temperature is heating allowed?	R/W	14~35°C, step: 1°C 25°C (*5) 14~35°C, step: 1°C 35°C (*6)		
A.8	[4-03]	Operation permission of the booster heater.	R/W	0: Limited 1: No limit 2: Most optimum 3: Optimum		
A.8	[4-04]	--		2		
A.8	[4-05]	--		0		
A.8	[4-06]	-- (Do not change this value)		0/1		
A.8	[4-07]	Enable the second step of the backup heater?	R/W	0: No 1: Yes		
A.8	[4-08]	Which power limitation mode is required on the system?	R/W	0: No limitation 1: Continuous 2: Digital inputs		
A.8	[4-09]	Which power limitation type is required?	R/W	0: Current 1: Power		
A.8	[4-0A]	--		0		
A.8	[4-0B]	Automatic cooling/heating changeover hysteresis.	R/W	1~10°C, step: 0,5°C 1°C		
A.8	[4-0D]	Automatic cooling/heating changeover offset.	R/W	1~10°C, step: 0,5°C 3°C		
A.8	[5-00]	Is backup heater operation allowed above equilibrium temperature during space heating operation?	R/W	0: Allowed 1: Not allowed		
A.8	[5-01]	What is the equilibrium temperature for the building?	R/W	-15~35°C, step: 1°C 0°C		
A.8	[5-02]	Space heating priority.	R/W	0: Disabled [E-07]#1 1: Enabled [E-07]=1		
A.8	[5-03]	Space heating priority temperature.	R/W	-15~35°C, step: 1°C 0°C		
A.8	[5-04]	Set point correction for domestic hot water temperature.	R/W	0~20°C, step: 1°C 10°C		
A.8	[5-05]	What is the requested limit for DI1?	R/W	0~50 A, step: 1 A 50 A		
A.8	[5-06]	What is the requested limit for DI2?	R/W	0~50 A, step: 1 A 50 A		
A.8	[5-07]	What is the requested limit for DI3?	R/W	0~50 A, step: 1 A 50 A		
A.8	[5-08]	What is the requested limit for DI4?	R/W	0~50 A, step: 1 A 50 A		
A.8	[5-09]	What is the requested limit for DI1?	R/W	0~20 kW, step: 0,5 kW 20 kW		
A.8	[5-0A]	What is the requested limit for DI2?	R/W	0~20 kW, step: 0,5 kW 20 kW		
A.8	[5-0B]	What is the requested limit for DI3?	R/W	0~20 kW, step: 0,5 kW 20 kW		
A.8	[5-0C]	What is the requested limit for DI4?	R/W	0~20 kW, step: 0,5 kW 20 kW		
A.8	[5-0D]	What type of backup heater installation is used?	R/W	0: 1P,(1/2) 1: 1P,(1/1+2) 2: 3P,(1/2) 3: 3P,(1/1+2) (*3) 4: 3PN,(1/2) 5: 3PN,(1/1+2) (*4)		
A.8	[5-0E]	--		1		
A.8	[6-00]	The temperature difference determining the heat pump ON temperature.	R/W	2~20°C, step: 1°C 2°C		
A.8	[6-01]	The temperature difference determining the heat pump OFF temperature.	R/W	0~10°C, step: 1°C 2°C		

(*1) *HB* (*2) *HV*
(*3) *3V* (*4) *9W*
(*5) *04/08*
(*6) *11/16*

Field settings table					Installer setting at variance with default value	
Breadcrumb	Field code	Setting name	Range, step	Default value	Date	Value
A.8	[6-02]	What is the capacity of the booster heater?	R/W	0-10kW, step: 0,2kW 0kW		
A.8	[6-03]	What is the capacity of the backup heater step 1?	R/W	0-10kW, step: 0,2kW 3kW		
A.8	[6-04]	What is the capacity of the backup heater step 2?	R/W	0-10kW, step: 0,2kW 0kW (*3) 6kW (*4)		
A.8	[6-05]	--		0		
A.8	[6-06]	--		0		
A.8	[6-07]	What is the capacity of the bottom plate heater?	R/W	0-200W, step: 10W 0W		
A.8	[6-08]	What is the hysteresis to be used in reheat mode?	R/W	2-20°C, step: 1°C 10°C		
A.8	[6-09]	--		0		
A.8	[6-0A]	What is the desired comfort storage temperature?	R/W	30-[6-0E]°C, step: 1°C 60°C		
A.8	[6-0B]	What is the desired eco storage temperature?	R/W	30-min(50, [6-0E])°C, step: 1°C 45°C		
A.8	[6-0C]	What is the desired reheat temperature?	R/W	30-min(50, [6-0E])°C, step: 1°C 45°C		
A.8	[6-0D]	What is the desired DHW production type?	R/W	0: Reheat only 1: Reheat + sched. 2: Scheduled only		
A.8	[6-0E]	What is the maximum temperature setpoint?	R/W	[E-07]#1 : 40-80°C, step: 1°C 60°C [E-07]=1 : 40-60°C, step: 1°C 60°C		
A.8	[7-00]	Domestic hot water booster heater overshoot temperature.	R/W	0-4°C, step: 1°C 0°C		
A.8	[7-01]	Domestic hot water booster heater hysteresis.	R/W	2-40°C, step: 1°C 2°C		
A.8	[7-02]	How many leaving water temperature zones are there?	R/W	0: 1 LWT zone 1: 2 LWT zones		
A.8	[7-03]	--		2,5		
A.8	[7-04]	--		0		
A.8	[7-05]	Boiler efficiency	R/W	0: Very high 1: High 2: Medium 3: Low 4: Very low		
A.8	[8-00]	--		1 min		
A.8	[8-01]	Maximum running time for domestic hot water operation.	R/W	5-95 min, step: 5 min 30 min		
A.8	[8-02]	Anti-recycling time.	R/W	0-10 hour, step: 0,5 hour 0,5 hour [E-07]=1 3 hour [E-07]#1		
A.8	[8-03]	Booster heater delay timer.	R/W	20-95 min, step: 5 min 50 min		
A.8	[8-04]	Additional running time for the maximum running time.	R/W	0-95 min, step: 5 min 95 min		
A.8	[8-05]	Allow modulation of the LWT to control the room temp?	R/W	0: No 1: Yes		
A.8	[8-06]	Leaving water temperature maximum modulation.	R/W	0-10°C, step: 1°C 3°C		
A.8	[8-07]	What is the desired comfort main LWT in cooling?	R/W	[9-03]-[9-02], step: 1°C 18°C		
A.8	[8-08]	What is the desired eco main LWT in cooling?	R/W	[9-03]-[9-02], step: 1°C 20°C		
A.8	[8-09]	What is the desired comfort main LWT in heating?	R/W	[9-01]-[9-00], step: 1°C 35°C		
A.8	[8-0A]	What is the desired eco main LWT in heating?	R/W	[9-01]-[9-00], step: 1°C 33°C		
A.8	[8-0B]	--		13		
A.8	[8-0C]	--		10		
A.8	[8-0D]	--		16		
A.8	[9-00]	What is the maximum desired LWT for main zone in heating?	R/W	37-depending on outdoor unit, step: 1°C 55°C		
A.8	[9-01]	What is the minimum desired LWT for main zone in heating?	R/W	15-37°C, step: 1°C 25°C		
A.8	[9-02]	What is the maximum desired LWT for main zone in cooling?	R/W	18-22°C, step: 1°C 22°C		
A.8	[9-03]	What is the minimum desired LWT for main zone in cooling?	R/W	5-18°C, step: 1°C 5°C		
A.8	[9-04]	Leaving water temperature overshoot temperature.	R/W	1-4°C, step: 1°C 1°C		
A.8	[9-05]	What is the minimum desired LWT for add. zone in heating?	R/W	15-37°C, step: 1°C 25°C		
A.8	[9-06]	What is the maximum desired LWT for add. zone in heating?	R/W	37-depending on outdoor unit, step: 1°C 55°C		
A.8	[9-07]	What is the minimum desired LWT for add. zone in cooling?	R/W	5-18°C, step: 1°C 5°C		
A.8	[9-08]	What is the maximum desired LWT for add. zone in cooling?	R/W	18-22°C, step: 1°C 22°C		
A.8	[9-09]	What is the desired delta T in heating?	R/W	3-10°C, step: 1°C 5°C		
A.8	[9-0A]	What is the desired delta T in cooling?	R/W	3-10°C, step: 1°C 5°C		
A.8	[9-0B]	What emitter type is connected to the main LWT zone?	R/W	0: Quick 1: Slow		
A.8	[9-0C]	Room temperature hysteresis.	R/W	1-6°C, step: 0,5°C 1°C		
A.8	[9-0D]	Pump speed limitation	R/W	0-8, step:1 0 : 100% 1-4 : 80~50% 5-8 : 80~50% 6		
A.8	[9-0E]	--		6		
A.8	[A-00]	--		0		
A.8	[A-01]	--		0 (*5) 3 (*6)		

(*1) *HB*_*2) *HV*_*

(*3) *3V_*4) *9W_*

(*5) *04/08*_*

(*6) *11/16*_*

(#) Setting is not applicable for this unit.

4P383508-1 - 2015.01

Field settings table					Installer setting at variance with default value	
Breadcrumb	Field code	Setting name		Range, step Default value	Date	Value
A.8	[A-02]	--		0 (*5) 1 (*6)		
A.8	[A-03]	--		0		
A.8	[A-04]	--		0		
A.8	[B-00]	--		0		
A.8	[B-01]	--		0		
A.8	[B-02]	--		0		
A.8	[B-03]	--		0		
A.8	[B-04]	--		0		
A.8	[C-00]	Domestic heating water priority.	R/W	0: Solar priority 1: Heat pump priority		
A.8	[C-01]	--		0		
A.8	[C-02]	Is an external backup heat source connected?	R/W	0: No 1: Bivalent 2: - 3: -		
A.8	[C-03]	Bivalent activation temperature.	R/W	-25~25°C, step: 1°C 0°C		
A.8	[C-04]	Bivalent hysteresis temperature.	R/W	2~10°C, step: 1°C 3°C		
A.8	[C-05]	What is the thermo request contact type for the main zone?	R/W	1: Thermo ON/OFF 2: C/H request		
A.8	[C-06]	What is the thermo request contact type for the add. zone?	R/W	0: - 1: Thermo ON/OFF 2: C/H request		
A.8	[C-07]	What is the unit control method in space operation?	R/W	0: LWT control 1: Ext RT control 2: RT control		
A.8	[C-08]	Which type of external sensor is installed?	R/W	0: No 1: Outdoor sensor 2: Room sensor		
A.8	[C-09]	What is the required alarm output contact type?	R/W	0: Normally open 1: Normally closed		
A.8	[C-0A]	--		0		
A.8	[C-0C]	High electricity price decimal (Do not use)	R/W	0~7 0		
A.8	[C-0D]	Medium electricity price decimal (Do not use)	R/W	0~7 0		
A.8	[C-0E]	Low electricity price decimal (Do not use)	R/W	0~7 0		
A.8	[D-00]	Which heaters are permitted if prefer. kWh rate PS is cut?	R/W	0: None 1: BSH only 2: BUH only 3: All heaters		
A.8	[D-01]	Contact type of preferential kWh rate PS installation?	R/W	0: No 1: Active open 2: Active closed		
A.8	[D-02]	Which type of DHW pump is installed?	R/W	0: No 1: Secondary rtm 2: Disinf. shunt		
A.8	[D-03]	Leaving water temperature compensation around 0°C.	R/W	0: Disabled 1: Enabled, shift 2°C (from -2 to 2°C) 2: Enabled, shift 4°C (from -2 to 2°C) 3: Enabled, shift 2°C (from -4 to 4°C) 4: Enabled, shift 4°C (from -4 to 4°C)		
A.8	[D-04]	Is a demand PCB connected?	R/W	0: No 1: Pwr consmp ctrl		
A.8	[D-05]	Is the pump allowed to run if prefer. kWh rate PS is cut?	R/W	0: Forced off 1: As normal		
A.8	[D-07]	Is a solar kit connected?	R/W	0: No 1: Yes		
A.8	[D-08]	Is an external kWh meter used for power measurement?	R/W	0: No 1: 0,1 pulse/kWh 2: 1 pulse/kWh 3: 10 pulse/kWh 4: 100 pulse/kWh 5: 1000 pulse/kWh		
A.8	[D-09]	Is an external kWh meter used for power measurement?	R/W	0: No 1: 0,1 pulse/kWh 2: 1 pulse/kWh 3: 10 pulse/kWh 4: 100 pulse/kWh 5: 1000 pulse/kWh		
A.8	[D-0A]	--		0		
A.8	[D-0B]	--		2		
A.8	[D-0C]	What is the high electricity price (Do not use)	R/W	0~49 0		
A.8	[D-0D]	What is the medium electricity price (Do not use)	R/W	0~49 0		
A.8	[D-0E]	What is the low electricity price (Do not use)	R/W	0~49 0		
A.8	[E-00]	Which type of unit is installed?	R/O	0~5 0: LT split		
A.8	[E-01]	Which type of compressor is installed?	R/O	0: 8 1: 16		
A.8	[E-02]	What is the indoor unit software type?	R/O	0: Type 1 1: Type 2		
A.8	[E-03]	What is the number of backup heater steps?	R/O	0: No BUH 1: 1 step 2: 2 steps		
A.8	[E-04]	Is the power saving function available on the outdoor unit?	R/O	0: No 1: Yes		
A.8	[E-05]	Can the system prepare domestic hot water?	R/W	0: No (*1) 1: Yes (*2)		
A.8	[E-06]	Is a DHW tank installed in the system?	R/O	0: No 1: Yes		
A.8	[E-07]	What kind of DHW tank is installed?	R/W	0~6 0: Type 1 (*1) 1: Type 2 (*2)		
A.8	[E-08]	Power saving function for outdoor unit.	R/W	0: Disabled (*6) 1: Enabled (*5)		
A.8	[E-09]	--		0		
A.8	[E-0A]	--		0		

(*1) *HB* (*2) *HV*
 (*3) *3V* (*4) *9W*
 (*5) *04/08*
 (*6) *11/16*

Field settings table				Installer setting at variance with default value		
Breadcrumb	Field code	Setting name	Range, step	Default value	Date	Value
A.8	[E-0B]	Is a bi-zone kit installed?	R/O	0 (#)		
A.8	[E-0C]	--		0		
A.8	[F-00]	Pump operation allowed outside range.	R/W	0: Disabled 1: Enabled		
A.8	[F-01]	Above which outdoor temperature is cooling allowed?	R/W	10~35°C, step: 1°C 20°C		
A.8	[F-02]	Bottom plate heater ON temperature.	R/W	3~10°C, step: 1°C 3°C		
A.8	[F-03]	Bottom plate heater hysteresis.	R/W	2~5°C, step: 1°C 5°C		
A.8	[F-04]	Is a bottom plate heater connected?	R/W	0: No 1: Yes		
A.8	[F-05]	--		0		
A.8	[F-06]	--		0		
A.8	[F-09]	Pump operation during flow abnormality.	R/W	0: Disabled 1: Enabled		
A.8	[F-0A]	--		0		
A.8	[F-0B]	Close shut-off valve during thermo OFF?	R/W	0: No 1: Yes		
A.8	[F-0C]	Close shut-off valve during cooling?	R/W	0: No 1: Yes		
A.8	[F-0D]	What is the pump operation mode?	R/W	0: Continuous 1: Sample 2: Request		

(*1) *HB*_*2) *HV*_
 (*3) *3V*_*4) *9W*_
 (*5) *04/08*_
 (*6) *11/16*

(#) Setting is not applicable for this unit.

4P383508-1 - 2015.01