Field settings table

Applicable indoor units

EHSH04P30E▲▼
EHSHB04P30E▲▼
EHSX04P30E▲▼
EHSXB04P30E▲▼
EHSX04P50E▲▼
EHSXB04P50E▲▼
EHSH08P30E▲▼
EHSHB08P30E▲▼
EHSX08P30E▲▼
EHSXB08P30E▲▼
EHSH08P50E▲▼
EHSHB08P50E▲▼
EHSX08P50E▲▼
EHSXB08P50E▲▼

Notes

(*1) *X*
(*2) *H*
(*3) *B*
(*4) EKECBUA3V
(*5) EKECBUA6V
(*6) EKECBUA9W
(*7) BUH less

▲ = 1, 2, 3, …, 9, A, B, C, …, Z
▼ = , , 1, 2, 3, …, 9

Field settings table					Installer setting at variance with default value	
Breadcrumb	Field code	Setting name		Range, step **Default value**	Date	Value
Room						
└ Antifrost						
1.4.1	[2-06]	Activation	R/W	0: No **1: Yes**		
1.4.2	[2-05]	Room setpoint	R/W	4~16°C, step: 1°C **12°C**		
└ Setpoint range						
1.5.1	[3-07]	Heating minimum	R/W	12~18°C, step: 1°C **12°C**		
1.5.2	[3-06]	Heating maximum	R/W	18~30°C, step: 1°C **30°C**		
1.5.3	[3-09]	Cooling minimum	R/W	15~25°C, step: 1°C **15°C**		
1.5.4	[3-08]	Cooling maximum	R/W	25~35°C, step: 1°C **35°C**		
Room						
1.6	[2-09]	Room sensor offset	R/W	-5~5°C, step: 0,5°C **0°C**		
1.7	[2-0A]	Room sensor offset	R/W	-5~5°C, step: 0,5°C **0°C**		
└ Room comfort setpoint						
1.9.1	[9-0A]	Heating comfort setpoint	R/W	[3-07]～[3-06]°C, step: 0,5°C **23°C**		
1.9.2	[9-0B]	Cooling comfort setpoint	R/W	[3-09]～[3-08]°C, step: 0,5°C **23°C**		
Main zone						
2.4		Setpoint mode		0: Fixed 1: WD heating, fixed cooling **2: Weather dependent**		
└ Heating WD curve						
2.5	[1-00]	Low ambient temp. for LWT main zone heating WD curve.	R/W	-40~5°C, step: 1°C **-10°C**		
2.5	[1-01]	High ambient temp. for LWT main zone heating WD curve.	R/W	10~25°C, step: 1°C **15°C**		
2.5	[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 [2-0C]=0 **40°C** [2-0C]=1 **45°C** [2-0C]=2 **55°C**		
2.5	[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		
└ Cooling WD curve						
2.6	[1-06]	Low ambient temp. for LWT main zone cooling WD curve.	R/W	10~25°C, step: 1°C **20°C**		
2.6	[1-07]	High ambient temp. for LWT main zone cooling WD curve.	R/W	25~43°C, step: 1°C **35°C**		
2.6	[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**		
2.6	[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 [2-0C]=0 **18°C** [2-0C]=1 **5°C** [2-0C]=2 **18°C**		
Main zone						
2.7	[2-0C]	Emitter type	R/W	**0: Underfloor heating** 1: Fancoil unit 2: Radiator		
└ Setpoint range						
2.8.1	[9-01]	Heating minimum	R/W	15~37°C, step: 1°C **25°C**		
2.8.2	[9-00]	Heating maximum	R/W ([2-0C] ≠ 2) R/O ([2-0C] = 2)	[2-0C]=2: 37~60, step: 1°C **65°C** [2-0C]≠2: 37~55, step: 1°C **55°C**		
2.8.3	[9-03]	Cooling minimum	R/W	5~18°C, step: 1°C **5°C**		
2.8.4	[9-02]	Cooling maximum	R/W	18~22°C, step: 1°C **22°C**		
Main zone						
2.9	[C-07]	Control	R/W	**0: Leaving water** 1: External room thermostat 2: Room thermostat		
2.A	[C-05]	Thermostat type	R/W	1: 1 contact **2: 2 contacts**		
└ Delta T						
2.B.1	[1-0B]	Delta T heating	R/W ([2-0C] ≠ 2) R/O ([2-0C] = 2)	3~10°C, step: 1°C [2-0C] ≠ 2 (Radiator) **5°C** [2-0C] = 2 (Radiator) **10°C**		
2.B.2	[1-0D]	Delta T cooling	R/W	3~10°C, step: 1°C **5°C**		
└ Modulation						
2.C.1	[8-05]	Modulation	R/W	**0: No** 1: Yes		
2.C.2	[8-06]	Max modulation	R/W	0~10°C, step: 1°C **5°C**		
└ Shut off valve						
2.D.1	[F-0B]	During thermo	R/W	**0: No** 1: Yes		
2.D.2	[F-0C]	During cooling	R/W	0: No **1: Yes**		
Main zone						

Field settings table					Installer setting at variance with default value	
Breadcrumb	Field code	Setting name		Range, step **Default value**	Date	Value
2.E		WD curve type	R/W	0: 2-points **1: Slope-Offset**		
Additional zone						
3.4		Setpoint mode		0: Fixed 1: WD heating, fixed cooling **2: Weather dependent**		
└ Heating WD curve						
3.5	[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 **25°C**		
3.5	[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 [2-0C]=0 **40°C** [2-0C]=1 **45°C** [2-0C]=2 **55°C**		
3.5	[0-02]	High ambient temp. for LWT add zone heating WD curve.	R/W	10~25°C, step: 1°C **15°C**		
3.5	[0-03]	Low ambient temp. for LWT add zone heating WD curve.	R/W	-40~5°C, step: 1°C **-10°C**		
└ Cooling WD curve						
3.6	[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 [2-0C]=0 **18°C** [2-0C]=1 **5°C** [2-0C]=2 **18°C**		
3.6	[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 **22°C**		
3.6	[0-06]	High ambient temp. for LWT add zone cooling WD curve.	R/W	25~43°C, step: 1°C **35°C**		
3.6	[0-07]	Low ambient temp. for LWT add zone cooling WD curve.	R/W	10~25°C, step: 1°C **20°C**		
Additional zone						
3.7	[2-0D]	Emitter type	R/O	0: Underfloor heating 1: Fancoil unit **2: Radiator**		
└ Setpoint range						
3.8.1	[9-05]	Heating minimum	R/W	15~37°C, step: 1°C **25°C**		
3.8.2	[9-06]	Heating maximum	R/W ([2-0C] ≠ 2) R/O ([2-0C] = 2)	[2-0C]=2: 37~60, step: 1°C **65°C** [2-0C]≠2: 37~55, step: 1°C **55°C**		
3.8.3	[9-07]	Cooling minimum	R/W	5~18°C, step: 1°C **5°C**		
3.8.4	[9-08]	Cooling maximum	R/W	18~22°C, step: 1°C **22°C**		
Additional zone						
3.A	[C-06]	Thermostat type	R/W	1: 1 contact **2: 2 contacts**		
└ Delta T						
3.B.1	[1-0C]	Delta T heating	[2-0D] ≠2 R/W [2-0D] =2 R/O	3~10°C, step: 1°C [2-0D] ≠ 2 (Radiator) **5°C** [2-0D] = 2 (Radiator) **10°C**		
3.B.2	[1-0E]	Delta T cooling	R/W	3~10°C, step: 1°C **5°C**		
Additional zone						
3.C		WD curve type	R/O	0: 2-points **1: Slope-Offset**		
Space heating / cooling						
└ Operation range						
4.3.1	[4-02]	Space heating OFF temp	R/W	14~35°C, step: 1°C **22°C**		
4.3.2	[F-01]	Space cooling OFF temp	R/W	10~35°C, step: 1°C **20°C**		
Space heating / cooling						
4.4	[7-02]	Number of zones	R/W	**0: Single zone** 1: Dual zone		
4.5	[F-0D]	Pump operation mode	R/W	0: Continuous **1: Sample** 2: Request		
4.6	[E-02]	Unit type	R/W (*1) R/O (*2)	**0: Reversible (*1)** **1: Heating only (*2)**		
4.7	[9-0D]	Pump speed limitation	R/W	0~8, step:1 0 : No limitation 1~4 : 90~60% pump speed 5~8 : 90~60% pump speed during sampling **6 80% pump speed**		
Space heating / cooling						
4.9	[F-00]	Pump outside range	R/W	**0: Restricted** 1: Allowed		
4.A	[D-03]	Increase around 0°C	R/W	0: No **1: increase 2°C, span 4°C** 2: increase 4°C, span 4°C 3: increase 2°C, span 8°C 4: increase 4°C, span 8°C		
4.B	[9-04]	Overshoot	R/W	1~4°C, step: 1°C **2°C**		
4.C	[2-06]	Antifrost	R/W	0: No **1: Yes**		
Tank						
5.2	[6-0A]	Comfort setpoint	R/W	30~[6-0E]°C, step: 1°C **60°C**		

(*1) *X*_(*2) *H*_(*3) *B*_
(*4) *EKECBUA3V*_(*5) *EKECBUA6V*_(*6) *EKECBUA9W*_(*7) BUH less

Field settings table					Installer setting at variance with default value	
Breadcrumb	Field code	Setting name		Range, step **Default value**	Date	Value
5.3	[6-0B]	Eco setpoint	R/W	30~min(50, [6-0E])°C, step: 1°C **45°C**		
5.4	[6-0C]	Reheat setpoint	R/W	30~min(50, [6-0E])°C, step: 1°C **45°C**		
5.6	[6-0D]	Heat up mode	R/W	**0: Reheat only** 3 scheduled reheat		
└ Disinfection						
5.7.1	[2-01]	Activation	R/W	**0: No** 1: Yes		
5.7.2	[2-00]	Operation day	R/W	0: Each day 1: Monday 2: Tuesday 3: Wednesday 4: Thursday **5: Friday** 6: Saturday 7: Sunday		
5.7.3	[2-02]	Start time	R/W	0~23 hour, step: 1 hour **1**		
5.7.4	[2-03]	Tank setpoint	R/W	60°C **60°C**		
5.7.5	[2-04]	Duration	R/W	40~60 min, step: 5 min **40 min**		
Tank						
5.8	[6-0E]	Maximum	R/W	E-07 = 4 40~ 75°C, step: 1°C **60°C**		
5.9	[6-00]	Hysteresis	R/W	2~40°C, step: 1°C **8°C**		
5.A	[6-08]	Reheat hysteresis	R/W	2~20°C, step: 1°C **10°C**		
5.B		Setpoint mode	R/W	**0: Fixed** 1: Weather dependent		
└ WD curve						
5.C	[0-0B]	Leaving water value for high ambient temp. for DHW WD curve.	R/W	35~[6-0E]°C, step: 1°C **55°C**		
5.C	[0-0C]	Leaving water value for low ambient temp. for DHW WD curve.	R/W	Min(45~[6-0E])~[6-0E]°C, step: 1°C **60°C**		
5.C	[0-0D]	High ambient temp. for DHW WD curve.	R/W	10~25°C, step: 1°C **15°C**		
5.C	[0-0E]	Low ambient temp. for DHW WD curve.	R/W	-40~5°C, step: 1°C **-10°C**		
Tank						
5.D	[6-01]	Margin	R/W	0~10°C, step: 1°C **2°C**		
5.E		WD curve type	R/O	0: 2-points **1: Slope-Offset**		
User settings └ Quiet						
7.4.1		Mode	R/W	**0: OFF** 1: Manual 2: Automatic		
7.4.3		Level	R/W	**0: Quiet** 1: More Quiet 2: Most Quiet		
└ Electricity price						
7.5.1		High	R/W	0,00~990/kWh **1/kWh**		
7.5.2		Medium	R/W	0,00~990/kWh **1/kWh**		
7.5.3		Low	R/W	0,00~990/kWh **1/kWh**		
User settings						
7.6		Gas price	R/W	0,00~990/kWh 0,00~290/MBtu **1,0/kWh**		
Installer settings └ Configuration wizard └ System						
9.1.3.2	[E-03]	BUH type	R/O (*4,*5,*6) R/W (*7)	**0: no heater (*7)** **2: 3V (*4)** **3: 6V (*5)** **4: 9W (*6)**		
9.1.3.3	[E-05] [E-06] [E-07]	Domestic hot water	R/O	**HPSU 'Integrated'**		
9.1.3.4	[4-06]	Emergency	R/W	**0: Manual** 1: Automatic 2: Auto red SH/ DHW ON 3: Auto red SH/ DHW OFF 4: Auto normal SH/ DHW OFF		
9.1.3.5	[7-02]	Number of zones	R/W	**0: Single zone** 1: Dual zone		
9.1.3.6	[E-0D]	Glycol Filled system	R/O	**0: No** 1: Yes		
9.1.3.7	[6-02]	BSH capacity	R/W	0~10kW, step: 0,2kW **0kW**		
9.1.3.8	[C-02]	Bivalent	R/W	**0: Off** 1: Direct (SH) **2: Indirect (DHW) (*3)** 3: Indirect (DHW + SH)		
9.2.4	[D-07]	Solar	R/W	0: No 1: Yes (DHW) **2: Yes (DHW + SH)**		
└ Backup heater						
9.1.4.1	[5-0D]	Voltage	R/O	**0: 230V, 1~ (*4, *5, *7)** **2: 400V, 3~ (*6)**		

(*1) *X*_(*2) *H*_(*3) *B*_
(*4) *EKECBUA3V*_(*5) *EKECBUA6V*_(*6) *EKECBUA9W*_(*7) BUH less

Field settings table					Installer setting at variance with default value	
Breadcrumb	Field code	Setting name		Range, step **Default value**	Date	Value
9.1.4.2	[4-0A]	Configuration	R/W (*5, *6, *7) R/O (*4)	**0: 1 (*4, *7)** **1: 1/1+2 (*5, *6)** 2: 1/2 3: 1/2 + 1/1+2 in emergency		
9.1.4.3	[6-03]	Capacity step 1	R/W	0~10kW, step: 0,2kW 0kW **2kW (*5)** **3kW (*4, *6, *7)**		
9.1.4.4	[6-04]	Additional capacity step 2	R/W (*5, *6) R/O (*4, *7)	0~10kW, step: 0,2kW **0kW (*4)** **3kW (*7)** **4kW (*5)** **6kW (*6)**		
		└ Main zone				
9.1.5.1	[2-0C]	Emitter type	R/W	**0: Underfloor heating** 1: Fancoil unit 2: Radiator		
9.1.5.2	[C-07]	Control	R/W	**0: Leaving water** 1: External room thermostat 2: Room thermostat		
9.1.5.3		Setpoint mode	R/W	0: Fixed 1: WD heating, fixed cooling **2: Weather dependent**		
9.1.5.4		Schedule	R/W	**0: No** 1: Yes		
9.1.5.5		WD curve type	R/W	0: 2-points **1: Slope-Offset**		
9.1.6	[1-00]	Low ambient temp. for LWT main zone heating WD curve.	R/W	-40~5°C, step: 1°C **-10°C**		
9.1.6	[1-01]	High ambient temp. for LWT main zone heating WD curve.	R/W	10~25°C, step: 1°C **15°C**		
9.1.6	[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 [2-0C]=0 **40°C** [2-0C]=1 **45°C** [2-0C]=2 **55°C**		
9.1.6	[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		
9.1.7	[1-06]	Low ambient temp. for LWT main zone cooling WD curve.	R/W	10~25°C, step: 1°C **20°C**		
9.1.7	[1-07]	High ambient temp. for LWT main zone cooling WD curve.	R/W	25~43°C, step: 1°C **35°C**		
9.1.7	[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**		
9.1.7	[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 [2-0C]=0 **18°C** [2-0C]=1 **5°C** [2-0C]=2 **18°C**		
		└ Additional zone				
9.1.8.1	[2-0D]	Emitter type	R/W	0: Underfloor heating 1: Fancoil unit **2: Radiator**		
9.1.8.3		Setpoint mode	R/W	0: Fixed 1: WD heating, fixed cooling **2: Weather dependent**		
9.1.8.4		Schedule	R/W	**0: No** 1: Yes		
9.1.9	[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 **25°C**		
9.1.9	[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 [2-0C]=0 **40°C** [2-0C]=1 **45°C** [2-0C]=2 **55°C**		
9.1.9	[0-02]	High ambient temp. for LWT add zone heating WD curve.	R/W	10~25°C, step: 1°C **15°C**		
9.1.9	[0-03]	Low ambient temp. for LWT add zone heating WD curve.	R/W	-40~5°C, step: 1°C **-10°C**		
9.1.A	[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 [2-0C]=0 **18°C** [2-0C]=1 **5°C** [2-0C]=2 **18°C**		
9.1.A	[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 **22°C**		
9.1.A	[0-06]	High ambient temp. for LWT add zone cooling WD curve.	R/W	25~43°C, step: 1°C **35°C**		
9.1.A	[0-07]	Low ambient temp. for LWT add zone cooling WD curve.	R/W	10~25°C, step: 1°C **20°C**		
		└ Tank				
9.1.B.1	[6-0D]	Heat up mode	R/W	**0: Reheat only** 3 scheduled reheat		
9.1.B.2	[6-0A]	Comfort setpoint	R/W	30~[6-0E]°C, step: 1°C **60°C**		
9.1.B.3	[6-0B]	Eco setpoint	R/W	30~min(50, [6-0E])°C, step: 1°C **45°C**		
9.1.B.4	[6-0C]	Reheat setpoint	R/W	30~min(50, [6-0E])°C, step: 1°C **45°C**		
9.1.B.5	[6-08]	Reheat hysteresis	R/W	2~20°C, step: 1°C **10°C**		
		└ Domestic hot water				

(*1) *X*_(*2) *H*_(*3) *B*_
(*4) *EKECBUA3V*_(*5) *EKECBUA6V*_(*6) *EKECBUA9W*_(*7) BUH less

Field settings table					Installer setting at variance with default value	
Breadcrumb	Field code	Setting name		Range, step **Default value**	Date	Value
9.2.1	[E-05] [E-06] [E-07]	Domestic hot water	R/O	**HPSU 'Integrated'**		
9.2.2	[D-02]	DHW pump	R/W	**0: No DHW pump** 1: Instant hot water 2: Disinfection 3: Circulation 4: Circulation and disinfection		
9.2.4	[D-07]	Solar	R/W	0: No 1: Yes (DHW) **2: Yes (DHW + SH)**		
	└ Back up heater					
9.3.1	[E-03]	BUH type	R/O (*4,*5,*6) R/W (*7)	**0: no heater (*7)** **2: 3V (*4)** **3: 6V (*5)** **4: 9W (*6)**		
9.3.2	[5-0D]	Voltage	R/O	**0: 230V, 1~ (*4, *5, *7)** **2: 400V, 3~ (*6)**		
9.3.3	[4-0A]	Configuration	R/W (*5, *6, *7) R/O (*4)	**0: 1 (*4, *7)** **1: 1/1+2 (*5, *6)** 2: 1/2 3: 1/2 + 1/1+2 in emergency		
9.3.4	[6-03]	Capacity step 1	R/W	0~10kW, step: 0,2kW 0kW **2kW (*5)** **3kW (*4, *6, *7)**		
9.3.5	[6-04]	Additional capacity step 2	R/W (*5, *6) R/O (*4, *7)	0~10kW, step: 0,2kW **0kW (*4)** **3kW (*7)** **4kW (*5)** **6kW (*6)**		
9.3.6	[5-00]	Equilibrium: Deactivate backup heater (or external backup heat source in case of a bivalent system) above the equilibrium temperature for space heating?	R/W	0: No **1: Yes**		
9.3.7	[5-01]	Equilibrium temperature	R/W	-15~35°C, step: 1°C **0°C**		
9.3.8	[4-00]	Operation	R/W	0: Restricted **1: Allowed** 2: Only DHW		
	└ Booster heater					
9.4.1	[6-02]	Capacity	R/W	0~10kW, step: 0,2kW **0kW**		
9.4.3	[8-03]	BSH eco timer	R/W	20~95 min, step: 5 min **50 min**		
9.4.4	[4-03]	Operation	R/W	0: Restricted 1: Allowed 2: Overlap **3: Compressor off** 4: Legionella only		
	└ Emergency					
9.5.1	[4-06]	Emergency	R/W	**0: Manual** 1: Automatic 2: Auto red SH/ DHW ON 3: Auto red SH/ DHW OFF 4: Auto normal SH/ DHW OFF		
9.5.2	[7-06]	Compressor forced OFF	R/W	**0: Disabled** 1: Enabled		
	└ Balancing					
9.6.1	[5-02]	Space heating priority	R/W	**0: Disabled** 1: Enabled		
9.6.2	[5-03]	Priority temperature	R/W	-15~35°C, step: 1°C **0°C**		
9.6.3	[5-04]	Offset BSH setpoint	R/W	0~20°C, step: 1°C **10°C**		
9.6.4	[8-02]	Anti-recycle timer	R/W	0~10 hour, step: 0,5 hour 0,5 hour		
9.6.5	[8-00]	Minimum running timer	R/W	0~20 min, step 1 min **1 min**		
9.6.6	[8-01]	Maximum running timer	R/W	5~95 min, step: 5 min **30 min**		
9.6.7	[8-04]	Additional timer	R/W	0~95 min, step: 5 min **95 min**		
Installer settings						
9.7	[4-04]	Water pipe freeze prevention	R/W	0: Continuous pump operation 1: Non continuous pump operation **2: OFF**		
	└ Benefit kWh power supply					
9.8.2	[D-00]	Allow heater	R/W	**0: None** 1: BSH only 2: BUH only 3: All		
9.8.3	[D-05]	Allow pump	R/W	0: No **1: Yes**		
9.8.4	[D-01]	Benefit kWh power supply	R/W	**0: No** 1: Open 2: Closed 3: Smart Grid		
9.8.6		Allow electric heaters	R/W	**0: No** 1: Yes		
9.8.7		Enable Room buffering	R/W	**0: No** 1: Yes		
9.8.8		Limit setting kW	R/W	0~20 kW, step: 0,5 kW **2 kW**		
	└ Power consumption control					
9.9.1	[4-08]	Power consumption control	R/W	**0: No** 1: Continuous 2: Inputs 3: Current Sensor		
9.9.2	[4-09]	Type	R/W	0: Amp **1: kW**		

(*1) *X*_(*2) *H*_(*3) *B*_
(*4) *EKECBUA3V*_(*5) *EKECBUA6V*_(*6) *EKECBUA9W*_(*7) BUH less

Field settings table					Installer setting at variance with default value	
Breadcrumb	Field code	Setting name		Range, step **Default value**	Date	Value
9.9.3	[5-05]	Limit	R/W	0~50 A, step: 1 A **50 A**		
9.9.4	[5-05]	Limit 1	R/W	0~50 A, step: 1 A **50 A**		
9.9.5	[5-06]	Limit 2	R/W	0~50 A, step: 1 A **50 A**		
9.9.6	[5-07]	Limit 3	R/W	0~50 A, step: 1 A **50 A**		
9.9.7	[5-08]	Limit 4	R/W	0~50 A, step: 1 A **50 A**		
9.9.8	[5-09]	Limit	R/W	0~20 kW, step: 0,5 kW **20 kW**		
9.9.9	[5-09]	Limit 1	R/W	0~20 kW, step: 0,5 kW **20 kW**		
9.9.A	[5-0A]	Limit 2	R/W	0~20 kW, step: 0,5 kW **20 kW**		
9.9.B	[5-0B]	Limit 3	R/W	0~20 kW, step: 0,5 kW **20 kW**		
9.9.C	[5-0C]	Limit 4	R/W	0~20 kW, step: 0,5 kW **20 kW**		
9.9.D	[4-01]	Priority heater	R/W	**0: None** 1: Booster Heater 2: Backup Heater		
9.9.F	[7-07]	BBR16 activation* *BBR16 settings are only visible when the language of the user interface is set to Swedish.	R/W	**0: No** 1: Yes		
└ Energy metering						
9.A.1	[D-08]	Electricity 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		
9.A.2	[D-09]	Electricity meter 2 / PV meter	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 6: 100 pulse/kWh (PV meter) 7: 1000 pulse/kWh (PV meter)		
└ Sensors						
9.B.1	[C-08]	External sensor	R/W	**0: No** 1: Outdoor 2: Room		
9.B.2	[2-0B]	Ext. amb. sensor offset	R/W	-5~5°C, step: 0,5°C **0°C**		
9.B.3	[1-0A]	Averaging time	R/W	**0: No** 1: 12 h 2: 24 h 3: 48 h 4: 72 h		
└ Bivalent						
9.C.1	[C-02]	Bivalent	R/W	**0: Off** 1: Direct (SH) **2: Indirect (DHW) (*3)** 3: Indirect (DHW + SH)		
9.C.2	[7-05]	Boiler efficiency	R/W	**0: Very high** 1: High 2: Medium 3: Low 4: Very low		
9.C.3	[C-03]	Temperature	R/W	-25~25°C, step: 1°C **0°C**		
9.C.4	[C-04]	Hysteresis	R/W	2~10°C, step 1°C **3°C**		
Installer settings						
9.D	[C-09]	Alarm output	R/W	**0: Abnormal** 1: Normal		
9.E	[3-00]	Auto restart	R/W	0: manual **1: automatic**		
9.F	[E-08]	Power saving function	R/W	0: No **1: Yes**		
9.G		Disable protections	R/W	**0: No** 1: Yes		
└ Overview field settings						
9.I	[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 **25°C**		
9.I	[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 [2-0C]=0 **40°C** [2-0C]=1 **45°C** [2-0C]=2 **55°C**		
9.I	[0-02]	High ambient temp. for LWT add zone heating WD curve.	R/W	10~25°C, step: 1°C **15°C**		
9.I	[0-03]	Low ambient temp. for LWT add zone heating WD curve.	R/W	-40~5°C, step: 1°C **-10°C**		
9.I	[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 [2-0C]=0 **18°C** [2-0C]=1 **5°C** [2-0C]=2 **18°C**		
9.I	[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 **22°C**		
9.I	[0-06]	High ambient temp. for LWT add zone cooling WD curve.	R/W	25~43°C, step: 1°C **35°C**		
9.I	[0-07]	Low ambient temp. for LWT add zone cooling WD curve.	R/W	10~25°C, step: 1°C **20°C**		

Field settings table					Installer setting at variance with default value	
Breadcrumb	Field code	Setting name		Range, step **Default value**	Date	Value
9.I	[0-0B]	Leaving water value for high ambient temp. for DHW WD curve.	R/W	35~[6-0E]°C, step: 1°C **55°C**		
9.I	[0-0C]	Leaving water value for low ambient temp. for DHW WD curve.	R/W	Min(45~[6-0E])～[6-0E]°C, step: 1°C **55°C**		
9.I	[0-0D]	High ambient temp. for DHW WD curve.	R/W	10~25°C, step: 1°C **15°C**		
9.I	[0-0E]	Low ambient temp. for DHW WD curve.	R/W	-40~5°C, step: 1°C **-10°C**		
9.I	[1-00]	Low ambient temp. for LWT main zone heating WD curve.	R/W	-40~5°C, step: 1°C **-10°C**		
9.I	[1-01]	High ambient temp. for LWT main zone heating WD curve.	R/W	10~25°C, step: 1°C **15°C**		
9.I	[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 [2-0C]=0 **40°C** [2-0C]=1 **45°C** [2-0C]=2 **55°C**		
9.I	[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		
9.I	[1-04]	Weather dependent cooling of the main leaving water temperature zone.	R/W	0: Disabled **1: Enabled**		
9.I	[1-05]	Weather dependent cooling of the additional leaving water temperature zone	R/W	0: Disabled **1: Enabled**		
9.I	[1-06]	Low ambient temp. for LWT main zone cooling WD curve.	R/W	10~25°C, step: 1°C **20°C**		
9.I	[1-07]	High ambient temp. for LWT main zone cooling WD curve.	R/W	25~43°C, step: 1°C **35°C**		
9.I	[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**		
9.I	[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 [2-0C]=0 **18°C** [2-0C]=1 **5°C** [2-0C]=2 **18°C**		
9.I	[1-0A]	What is the averaging time for the outdoor temp?	R/W	**0: No** 1: 12 h 2: 24 h 3: 48 h 4: 72 h		
9.I	[1-0B]	What is the desired delta T in heating for the main zone?	R/W ([2-0C] ≠ 2) R/O ([2-0C] = 2)	3~10°C, step: 1°C [2-0C] ≠ 2 (Radiator) **5°C** [2-0C] = 2 (Radiator) **10°C**		
9.I	[1-0C]	What is the desired delta T in heating for the additional zone?	[2-0D] ≠2 R/W [2-0D] =2 R/O	3~10°C, step: 1°C [2-0D] ≠ 2 (Radiator) **5°C** [2-0D] = 2 (Radiator) **10°C**		
9.I	[1-0D]	What is the desired delta T in cooling for the main zone?	R/W	3~10°C, step: 1°C **5°C**		
9.I	[1-0E]	What is the desired delta T in cooling for the additional zone?	R/W	3~10°C, step: 1°C **5°C**		
9.I	[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		
9.I	[2-01]	Should the disinfection function be executed?	R/W	**0: No** 1: Yes		
9.I	[2-02]	When should the disinfection function start?	R/W	0~23 hour, step: 1 hour **1**		
9.I	[2-03]	What is the disinfection target temperature?	R/W	60°C **60°C**		
9.I	[2-04]	How long must the tank temperature be maintained?	R/W	40~60 min, step: 5 min **40 min**		
9.I	[2-05]	Room antifrost temperature	R/W	4~16°C, step: 1°C **12°C**		
9.I	[2-06]	Room frost protection	R/W	0: No **1: Yes**		
9.I	[2-09]	Adjust the offset on the measured room temperature	R/W	-5~5°C, step: 0,5°C **0°C**		
9.I	[2-0A]	Adjust the offset on the measured room temperature	R/W	-5~5°C, step: 0,5°C **0°C**		
9.I	[2-0B]	What is the required offset on the measured outdoor temp.?	R/W	-5~5°C, step: 0,5°C **0°C**		
9.I	[2-0C]	What emitter type is connected to the main LWT zone?	R/W	**0: Underfloor heating** 1: Fancoil unit 2: Radiator		
9.I	[2-0D]	What emitter type is connected to the additional LWT zone?	R/W	0: Underfloor heating 1: Fancoil unit **2: Radiator**		
9.I	[2-0E]	What is the maximum allowed current over the heatpump ?	R/W	20~50 A, step: 1 A **50 A**		
9.I	[3-00]	Is auto restart of the unit allowed?	R/W	0: manual **1: automatic**		
9.I	[3-01]	--	R/W	**0**		
9.I	[3-02]	--	R/W	**1**		
9.I	[3-03]	--	R/W	**4**		
9.I	[3-04]	--	R/W	**2**		
9.I	[3-05]	--	R/W	**1**		
9.I	[3-06]	What is the maximum desired room temperature in heating?	R/W	18~30°C, step: 1°C **30°C**		

(*1) *X*_(*2) *H*_(*3) *B*_
(*4) *EKECBUA3V*_(*5) *EKECBUA6V*_(*6) *EKECBUA9W*_(*7) BUH less

Field settings table					Installer setting at variance with default value	
Breadcrumb	Field code	Setting name		Range, step **Default value**	Date	Value
9.I	[3-07]	What is the mimimum desired room temperature in heating?	R/W	12~18°C, step: 1°C **12°C**		
9.I	[3-08]	What is the maximum desired room temperature in cooling?	R/W	25~35°C, step: 1°C **35°C**		
9.I	[3-09]	What is the minimum desired room temperature in cooling?	R/W	15~25°C, step: ~~0,5~~ 1°C **15°C**		
9.I	[3-0A]	What is the pump model	R/O	**0: pump model 0** 1: pump model 1		
9.I	[3-0B]	--		**1**		
9.I	[3-0C]	--		**0**		
9.I	[3-0D]	In case a bizone kit is installed, antiblockage of kit pump(s) and kit mixing valve	R/W	**0: Disabled** 1: Enabled		
9.I	[4-00]	What is the BUH operation mode?	R/W	0: Restricted **1: Allowed** 2: Only DHW		
9.I	[4-01]	Which electric heater has priority?	R/W	**0: None** 1: Booster Heater 2: Backup Heater		
9.I	[4-02]	Below which outdoor temperature is heating allowed?	R/W	14~35°C, step: 1°C **22°C**		
9.I	[4-03]	Operation permission of the booster heater.	R/W	0: Restricted 1: Allowed 2: Overlap **3: Compressor off** 4: Legionella only		
9.I	[4-04]	Water pipe freeze prevention	R/W	0: Continuous pump operation 1: Non continuous pump operation **2: OFF**		
9.I	[4-05]	--		**0**		
9.I	[4-06]	Emergency	R/W	**0: Manual** 1: Automatic 2: Auto red SH/ DHW ON 3: Auto red SH/ DHW OFF 4: Auto normal SH/ DHW OFF		
9.I	[4-07]	--		**3**		
9.I	[4-08]	Which power limitation mode is required on the system?	R/W	**0: No** 1: Continuous 2: Inputs 3: Current Sensor		
9.I	[4-09]	Which power limitation type is required?	R/W	0: Amp **1: kW**		
9.I	[4-0A]	Backup heater configuration	R/W (*5, *6, *7) R/O (*4)	**0: 1 (*4, *7)** **1: 1/1+2 (*5, *6)** 2: 1/2 3: 1/2 + 1/1+2 in emergency		
9.I	[4-0B]	Automatic cooling/heating changeover hysteresis.	R/W	1~10°C, step: 0,5°C **1°C**		
9.I	[4-0D]	Automatic cooling/heating changeover offset.	R/W	1~10°C, step: 0,5°C **3°C**		
9.I	[4-0E]	--		**6**		
9.I	[5-00]	Equilibrium: Deactivate backup heater (or external backup heat source in case of a bivalent system) above the equilibrium temperature for space heating?	R/W	0: No **1: Yes**		
9.I	[5-01]	What is the equilibrium temperature for the building?	R/W	-15~35°C, step: 1°C **0°C**		
9.I	[5-02]	Space heating priority.	R/W	**0: Disabled** 1: Enabled		
9.I	[5-03]	Space heating priority temperature.	R/W	-15~35°C, step: 1°C **0°C**		
9.I	[5-04]	Set point correction for domestic hot water temperature.	R/W	0~20°C, step: 1°C **10°C**		
9.I	[5-05]	What is the requested limit for DI1?	R/W	0~50 A, step: 1 A **50 A**		
9.I	[5-06]	What is the requested limit for DI2?	R/W	0~50 A, step: 1 A **50 A**		
9.I	[5-07]	What is the requested limit for DI3?	R/W	0~50 A, step: 1 A **50 A**		
9.I	[5-08]	What is the requested limit for DI4?	R/W	0~50 A, step: 1 A **50 A**		
9.I	[5-09]	What is the requested limit for DI1?	R/W	0~20 kW, step: 0,5 kW **20 kW**		
9.I	[5-0A]	What is the requested limit for DI2?	R/W	0~20 kW, step: 0,5 kW **20 kW**		
9.I	[5-0B]	What is the requested limit for DI3?	R/W	0~20 kW, step: 0,5 kW **20 kW**		
9.I	[5-0C]	What is the requested limit for DI4?	R/W	0~20 kW, step: 0,5 kW **20 kW**		
9.I	[5-0D]	Backup heater voltage	R/O	**0: 230V, 1~ (*4, *5, *7)** **2: 400V, 3~ (*6)**		
9.I	[5-0E]	--		**1**		
9.I	[6-00]	The temperature difference determining the heat pump ON temperature.	R/W	2~40°C, step: 1°C **8°C**		
9.I	[6-01]	The temperature difference determining the heat pump OFF temperature.	R/W	0~10°C, step: 1°C **2°C**		
9.I	[6-02]	What is the capacity of the booster heater?	R/W	0~10kW, step: 0,2kW **0kW**		
9.I	[6-03]	What is the capacity of the backup heater step 1?	R/W	0~10kW, step: 0,2kW 0kW **2kW (*5)** **3kW (*4, *6, *7)**		
9.I	[6-04]	What is the capacity of the backup heater step 2?	R/W (*5, *6) R/O (*4, *7)	0~10kW, step: 0,2kW **0kW (*4)** **3kW (*7)** **4kW (*5)** **6kW (*6)**		
9.I	[6-07]	--		**0**		
9.I	[6-08]	What is the hysteresis to be used in reheat mode?	R/W	2~20°C, step: 1°C **10°C**		
9.I	[6-09]	--heatertape_capacity		**0**		

Field settings table					Installer setting at variance with default value	
Breadcrumb	Field code	Setting name		Range, step **Default value**	Date	Value
9.I	[6-0A]	What is the desired comfort storage temperature?	R/W	30~[6-0E]°C, step: 1°C **60°C**		
9.I	[6-0B]	What is the desired eco storage temperature?	R/W	30~min(50, [6-0E])°C, step: 1°C **45°C**		
9.I	[6-0C]	What is the desired reheat temperature?	R/W	30~min(50, [6-0E])°C, step: 1°C **45°C**		
9.I	[6-0D]	What is the desired DHW production type?	R/W	**0: Reheat only** 3 scheduled reheat		
9.I	[6-0E]	What is the maximum temperature setpoint?	R/W	E-07 = 4 40~ 75°C, step: 1°C **60°C**		
9.I	[7-00]	Domestic hot water booster heater overshoot temperature.	R/W	0~4°C, step: 1°C **0°C**		
9.I	[7-01]	Domestic hot water booster heater hysteresis.	R/W	2~40°C, step: 1°C **2°C**		
9.I	[7-02]	How many leaving water temperature zones are there?	R/W	**0: Single zone** 1: Dual zone		
9.I	[7-03]	--		**2.5**		
9.I	[7-04]	--		**0**		
9.I	[7-05]	Boiler efficiency	R/W	**0: Very high** 1: High 2: Medium 3: Low 4: Very low		
9.I	[7-06]	Compressor forced OFF	R/W	**0: Disabled** 1: Enabled		
9.I	[7-07]	BBR16 activation* *BBR16 settings are only visible when the language of the user interface is set to Swedish.	R/W	**0: No** 1: Yes		
9.I	[7-08]	--	R/W	**0**		
9.I	[7-09]	How much is the minimum pump PWM value.		**20%**		
9.I	[7-0A]	Additional zone fixed pump PWM, in case a bizone kit is installed.	R/W	20~95%, step 5% **95%**		
9.I	[7-0B]	Main zone fixed pump PWM, in case a bizone kit is installed.	R/W	20~95%, step 5% **95%**		
9.I	[7-0C]	Time needed by the mixing valve to turn from one side to the other, in case a bizone kit is installed.	R/W	20~300 seconds, step 5 sec **125 seconds**		
9.I	[7-0D]	Hysteresis value used to control the tank bivalent in case it's supporting space heating operation	R/W	2~20, step 0,5 °C **4 °C**		
9.I	[7-0E]	Offset on the setpoint to determine when the tank is high enough to go the excess state	R/W	2~22, step 0,5 °C **7 °C**		
9.I	[8-00]	Minimum running time for domestic hot water operation.	R/W	0~20 min, step 1 min **1 min**		
9.I	[8-01]	Maximum running time for domestic hot water operation.	R/W	5~95 min, step: 5 min **30 min**		
9.I	[8-02]	Anti-recycling time.	R/W	0~10 hour, step: 0,5 hour **0.5 hour**		
9.I	[8-03]	Booster heater delay timer.	R/W	20~95 min, step: 5 min **50 min**		
9.I	[8-04]	Additional running time for the maximum running time.	R/W	0~95 min, step: 5 min **95 min**		
9.I	[8-05]	Allow modulation of the LWT to control the room temp?	R/W	**0: No** 1: Yes		
9.I	[8-06]	Leaving water temperature maximum modulation.	R/W	0~10°C, step: 1°C **5°C**		
9.I	[8-07]	What is the desired comfort main LWT in cooling?	R/W	[9-03]~[9-02], step: 1°C **18°C**		
9.I	[8-08]	What is the desired eco main LWT in cooling?	R/W	[9-03]~[9-02], step: 1°C **20°C**		
9.I	[8-09]	What is the desired comfort main LWT in heating?	R/W	[9-01]~[9-00], step: 1°C **35°C**		
9.I	[8-0A]	What is the desired eco main LWT in heating?	R/W	[9-01]~[9-00], step: 1°C **33°C**		
9.I	[8-0B]	--		**13**		
9.I	[8-0C]	--		**10**		
9.I	[8-0D]	--		**16**		
9.I	[9-00]	What is the maximum desired LWT for main zone in heating?	R/W ([2-0C] ≠ 2) R/O ([2-0C] = 2)	[2-0C]=2: 37~60, step: 1°C **65°C** [2-0C]≠2: 37~55, step: 1°C **55°C**		
9.I	[9-01]	What is the mimimum desired LWT for main zone in heating?	R/W	15~37°C, step: 1°C **25°C**		
9.I	[9-02]	What is the maximum desired LWT for main zone in cooling?	R/W	18~22°C, step: 1°C **22°C**		
9.I	[9-03]	What is the mimimum desired LWT for main zone in cooling?	R/W	5~18°C, step: 1°C **5°C**		
9.I	[9-04]	Leaving water temperature overshoot temperature.	R/W	1~4°C, step: 1°C **2°C**		
9.I	[9-05]	What is the mimimum desired LWT for add. zone in heating?	R/W	15~37°C, step: 1°C **25°C**		
9.I	[9-06]	What is the maximum desired LWT for add. zone in heating?	R/W ([2-0C] ≠ 2) R/O ([2-0C] = 2)	[2-0C]=2: 37~60, step: 1°C **65°C** [2-0C]≠2: 37~55, step: 1°C **55°C**		
9.I	[9-07]	What is the mimimum desired LWT for add. zone in cooling?	R/W	5~18°C, step: 1°C **5°C**		
9.I	[9-08]	What is the maximum desired LWT for add. zone in cooling?	R/W	18~22°C, step: 1°C **22°C**		
9.I	[9-09]	What is the allowed LWT undershoot during cooling start-up?	R/W	1~18°C, step: 1°C **18°C**		
9.I	[9-0A]	What is the room buffering temperature in heating?	R/W	[3-07]~[3-06]°C, step: 0,5°C **23°C**		
9.I	[9-0B]	What is the room buffering temperature in Cooling?	R/W	[3-09]~[3-08]°C, step: 0,5°C **23°C**		
9.I	[9-0C]	Room temperature hysteresis.	R/W	1~6°C, step: 0,5°C **1 °C**		

(*1) *X*_(*2) *H*_(*3) *B*_
(*4) *EKECBUA3V*_(*5) *EKECBUA6V*_(*6) *EKECBUA9W*_(*7) BUH less

Field settings table					Installer setting at variance with default value	
Breadcrumb	Field code	Setting name		Range, step **Default value**	Date	Value
9.I	[9-0D]	Pump speed limitation	R/W	0~8, step:1 0 : No limitation 1~4 : 90~60% pump speed 5~8 : 90~60% pump speed during sampling **6 80% pump speed**		
9.I	[9-0E]	--		**6**		
9.I	[C-00]	Domestic heating water priority.	R/W	0: Solar priority **1: Heat pump priority**		
9.I	[C-01]	--		**0**		
9.I	[C-02]	Is an external backup heat source connected?	R/W	**0: Off** 1: Direct (SH) **2: Indirect (DHW) (*3)** 3: Indirect (DHW + SH)		
9.I	[C-03]	Bivalent activation temperature.	R/W	-25~25°C, step: 1°C **0°C**		
9.I	[C-04]	Bivalent hysteresis temperature.	R/W	2~10°C, step 1°C **3°C**		
9.I	[C-05]	What is the thermo request contact type for the main zone?	R/W	1: 1 contact **2: 2 contacts**		
9.I	[C-06]	What is the thermo request contact type for the add. zone?	R/W	1: 1 contact **2: 2 contacts**		
9.I	[C-07]	What is the unit control method in space operation?	R/W	**0: Leaving water** 1: External room thermostat 2: Room thermostat		
9.I	[C-08]	Which type of external sensor is installed?	R/W	**0: No** 1: Outdoor 2: Room		
9.I	[C-09]	What is the required alarm output contact type?	R/W	**0: Abnormal** 1: Normal		
9.I	[C-0A]	--		**0**		
9.I	[C-0B]	--		**0**		
9.I	[C-0C]	--		**0**		
9.I	[C-0D]	--		**0**		
9.I	[C-0E]	--		**0**		
9.I	[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		
9.I	[D-01]	Contact type of preferential kWh rate PS installation?	R/W	**0: No** 1: Open 2: Closed 3: Smart Grid		
9.I	[D-02]	Which type of DHW pump is installed?	R/W	**0: No DHW pump** 1: Instant hot water 2: Disinfection 3: Circulation 4: Circulation and disinfection		
9.I	[D-03]	Leaving water temperature compensation around 0°C.	R/W	0: No **1: increase 2°C, span 4°C** 2: increase 4°C, span 4°C 3: increase 2°C, span 8°C 4: increase 4°C, span 8°C		
9.I	[D-04]	Is a demand PCB connected?	R/W	**0: No** 1: Pwr consmp ctrl		
9.I	[D-05]	Is the pump allowed to run if prefer. kWh rate PS is cut?	R/W	0: No **1: Yes**		
9.I	[D-07]	Is a solar kit connected?	R/W	0: No 1: Yes (DHW) **2: Yes (DHW + SH)**		
9.I	[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		
9.I	[D-09]	Is an external kWh meter used for power measurement, kWh meter used for smart grid?	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 6: 100 pulse/kWh (PV meter) 7: 1000 pulse/kWh (PV meter)		
9.I	[D-0A]	--		**0**		
9.I	[D-0B]	--		**2**		
9.I	[D-0C]	--		**0**		
9.I	[D-0D]	--		**0**		
9.I	[D-0E]	--		**0**		
9.I	[E-00]	Which type of unit is installed?	R/O	0~5 **0: LT split**		
9.I	[E-01]	Which type of compressor is installed?	R/O	**0**		
9.I	[E-02]	What is the indoor unit software type?	R/W (*1) R/O (*2)	**0: Reversible (*1)** **1: Heating only (*2)**		
9.I	[E-03]	What is the number of backup heater steps?	R/O (*4,*5,*6) R/W (*7)	**0: no heater (*7)** **2: 3V (*4)** **3: 6V (*5)** **4: 9W (*6)**		
9.I	[E-04]	Is the power saving function available on the outdoor unit?	R/O	0: No **1: Yes**		
9.I	[E-05]	Can the system prepare domestic hot water?	R/O	0: No **1: Yes**		
9.I	[E-06]	--		**1**		

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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
9.I	[E-07]	What kind of DHW tank is installed?	R/W	0~8 0 OSO tank 150/180 1 FS with BUH 2 FS with BSH 3 OSO tank 200/250/300 **4 Rotex without BSH (HYB)** 5 Rotex with BSH 6 Third party tank for HYB 7 Third party tank, coil >= 1,05m2 8 Third party tank, coil >= 1,8m2		
9.I	[E-08]	Power saving function for outdoor unit.	R/W	0: No **1: Yes**		
9.I	[E-09]	--		**1**		
9.I	[E-0B]	Is a bi-zone kit installed?	R/W	**0: not installed** 1: - 2: Bizone kit installed		
9.I	[E-0C]	What bizone system type is installed?	R/W	**0: Without hydraulic separator / no direct pump** 1: With hydraulic separator / no direct pump 2: With hydraulic separator / with direct pump		
9.I	[E-0D]	Is the system filled with glycol ?	R/O	**0: No** 1: Yes		
9.I	[E-0E]	--		**0**		
9.I	[F-00]	Pump operation allowed outside range.	R/W	**0: Restricted** 1: Allowed		
9.I	[F-01]	Above which outdoor temperature is cooling allowed?	R/W	10~35°C, step: 1°C **20°C**		
9.I	[F-02]	--		**3**		
9.I	[F-03]	--		**5**		
9.I	[F-04]	--		**0**		
9.I	[F-05]	--		**0**		
9.I	[F-06]	Enable Tank Boiler?	R/W	**0: Disabled** 1: Enabled		
9.I	[F-07]	Efficiency calculation	R/W	**0: Enabled** 1: Disabled		
9.I	[F-08]	Continuous heating defrost enable	R/W	**0: Disabled** 1: Enabled		
9.I	[F-09]	Pump operation during flow abnormality.	R/W	**0: Disabled** 1: Enabled		
9.I	[F-0A]	--		**0**		
9.I	[F-0B]	Close shut-off valve during thermo OFF?	R/W	**0: No** 1: Yes		
9.I	[F-0C]	Close shut-off valve during cooling?	R/W	0: No **1: Yes**		
9.I	[F-0D]	What is the pump operation mode?	R/W	0: Continuous **1: Sample** 2: Request		
9.I	[F-0E]	Tank heating support_max	R/W	10~35 kW, step: 1kW **20 kW**		
Bi-zone kit settings						
9.P.1	[E-0B]	Bi-zone kit installed	R/W	**0: not installed** 1: - 2: Bizone kit installed		
9.P.2	[E-0C]	Bi-zone system type	R/W	**0: Without hydraulic separator / no direct pump** 1: With hydraulic separator / no direct pump 2: With hydraulic separator / with direct pump		
9.P.3	[7-0A]	Add zone pump fixed PWM	R/W	20~95%, step 5% **95%**		
9.P.4	[7-0B]	Main zone pump fixed PWM	R/W	20~95%, step 5% **95%**		
9.P.5	[7-0C]	Mixing valve turning time	R/W	20~300 sec, step 5 sec **125 sec**		

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