

**Field settings table**[8.7.5] = .... **9651****Applicable indoor units**

EHVZ04S18EA6V  
EHVZ08S18EA6V  
EHVZ08S23EA6V  
EHVZ08S18EA9W  
EHVZ08S23EA9W

**Notes**

- (\*1) \*3V
- (\*2) \*6V
- (\*3) \*9W

Field settings table					Installer setting at variance with default value	
Breadcrumb	Field code	Setting name		Range, step Default value	Date	Value
<b>Room</b>						
	└ Antifrost					
1.4.1	[2-06]	Activation	R/W	0: Disabled <b>1: Enabled</b>		
1.4.2	[2-05]	Room setpoint	R/W	4~16°C, step: 1°C <b>12°C</b>		
	└ Setpoint range					
1.5.1	[3-07]	Heating minimum	R/W	12~18°C, step: 1°C <b>12°C</b>		
1.5.2	[3-06]	Heating maximum	R/W	18~30°C, step: 1°C <b>30°C</b>		
<b>Room</b>						
1.6	[2-09]	Room sensor offset	R/W	-5~5°C, step: 0,5°C <b>0°C</b>		
1.7	[2-0A]	Room sensor offset	R/W	-5~5°C, step: 0,5°C <b>0°C</b>		
	└ Room comfort setpoint					
1.9.1	[9-0A]	Heating comfort setpoint	R/W	[3-07]~[3-06]°C, step: 0,5°C <b>23°C</b>		
<b>Main zone</b>						
2.4		Setpoint mode		0: Fixed <b>2: Weather dependent</b>		
	└ 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 <b>-10°C</b>		
2.5	[1-01]	High ambient temp. for LWT main zone heating WD curve.	R/W	10~25°C, step: 1°C <b>15°C</b>		
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 <b>35°C</b>		
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 <b>25°C</b>		
<b>Main zone</b>						
2.7	[2-0C]	Emitter type	R/W	<b>0: Underfloor heating</b> 1: Fancoil unit 2: Radiator		
	└ Setpoint range					
2.8.1	[9-01]	Heating minimum	R/W	15~37°C, step: 1°C <b>25°C</b>		
2.8.2	[9-00]	Heating maximum	R/W	[2-0C]=2: 37~65, step: 1°C <b>55°C</b> [2-0C]#2: 37~55, step: 1°C <b>55°C</b>		
<b>Main zone</b>						
2.9	[C-07]	Control	R/W	<b>0: LWT control</b> 1: Ext RT control 2: RT control		
2.A	[C-05]	Thermostat type	R/W	0: - 1: 1 contact <b>2: 2 contacts</b>		
	└ Delta T					
2.B.1	[1-0B]	Delta T heating	R/W	3~10°C, step: 1°C <b>5°C</b>		
	└ Modulation					
2.C.1	[8-05]	Modulation	R/W	<b>0: No</b> 1: Yes		
2.C.2	[8-06]	Max modulation	R/W	0~10°C, step: 1°C <b>5°C</b>		
	└ Shut off valve					
2.D.1	[F-0B]	During thermo	R/W	<b>0: No</b> 1: Yes		
<b>Additional zone</b>						
3.4		Setpoint mode		0: Fixed <b>2: Weather dependent</b>		
	└ 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 <b>35°C</b>		
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 <b>50°C</b>		
3.5	[0-02]	High ambient temp. for LWT add zone heating WD curve.	R/W	10~25°C, step: 1°C <b>15°C</b>		
3.5	[0-03]	Low ambient temp. for LWT add zone heating WD curve.	R/W	-40~5°C, step: 1°C <b>-10°C</b>		
<b>Additional zone</b>						
3.7	[2-0D]	Emitter type	R/W	<b>0: Underfloor heating</b> 1: Fancoil unit 2: Radiator		
	└ Setpoint range					
3.8.1	[9-05]	Heating minimum	R/W	15~37°C, step: 1°C <b>25°C</b>		
3.8.2	[9-06]	Heating maximum	R/W	[2-0D]=2: 37~65, step: 1°C <b>55°C</b> [2-0D]#2: 37~55, step: 1°C <b>55°C</b>		
<b>Additional zone</b>						
3.A	[C-06]	Thermostat type	R/W	0: - 1: 1 contact <b>2: 2 contacts</b>		
	└ Delta T					
3.B.1	[1-0C]	Delta T heating	R/W	3~10°C, step: 1°C <b>5°C</b>		
<b>Space heating / cooling</b>						
	└ Operation range					
4.3.1	[4-02]	Space heating OFF temp	R/W	14~35°C, step: 1°C <b>22°C</b>		
<b>Space heating / cooling</b>						
4.4	[7-02]	Number of zones	R/W	0: 1 LWT zone <b>1: 2 LWT zones</b>		

Field settings table					Installer setting at variance with default value	
Breadcrumb	Field code	Setting name		Range, step Default value	Date	Value
4.5	[F-0D]	Pump operation mode	R/W	0: Continuous <b>1: Sample</b> 2: Request		
4.6	[E-02]	Unit type	R/O	<b>1: Heating only</b>		
└ Pump limitation						
4.8.1	[9-0E]	Main zone	R/W	0-8, step:1 0: No limitation 1-4 : 50-80% 5-8 : 50-80% during sampling <b>6</b>		
4.8.2	[9-0D]	Additional zone	R/W	0-8, step:1 0: No limitation 1-4 : 50-80% 5-8 : 50-80% during sampling <b>6</b>		
Space heating / cooling						
4.9	[F-00]	Pump outside range	R/W	<b>0: Restricted</b> 1: Allowed		
4.A	[D-03]	Increase around 0°C	R/W	0: No <b>1: increase 2°C, span 4°C</b> 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 <b>1°C</b>		
4.C	[2-06]	Antifrost	R/W	0: Disabled <b>1: Enabled</b>		
Tank						
5.2	[6-0A]	Comfort setpoint	R/W	30-[6-0E]°C, step: 1°C <b>60°C</b>		
5.3	[6-0B]	Eco setpoint	R/W	30-min(50, [6-0E])°C, step: 1°C <b>45°C</b>		
5.4	[6-0C]	Reheat setpoint	R/W	30-min(50, [6-0E])°C, step: 1°C <b>45°C</b>		
5.6	[6-0D]	Heat up mode	R/W	0: Reheat only <b>1: Reheat + sched.</b> 2: Scheduled only		
└ Disinfection						
5.7.1	[2-01]	Activation	R/W	0: No <b>1: Yes</b>		
5.7.2	[2-00]	Operation day	R/W	0: Each day 1: Monday 2: Tuesday 3: Wednesday 4: Thursday <b>5: Friday</b> 6: Saturday 7: Sunday		
5.7.3	[2-02]	Start time	R/W	0-23 hour, step: 1 hour <b>1</b>		
5.7.4	[2-03]	Tank setpoint	R/W	<b>60°C</b>		
5.7.5	[2-04]	Duration	R/W	40-60 min, step: 5 min <b>40 min</b>		
Tank						
5.8	[6-0E]	Maximum	R/W	40-60°C, step: 1°C <b>60°C</b>		
5.9	[6-00]	Hysteresis	R/W	2-40°C, step: 1°C <b>25°C</b>		
5.A	[6-08]	Hysteresis	R/W	2-20°C, step: 1°C <b>10°C</b>		
5.B		Setpoint mode	R/W	<b>0: Fixed</b> 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 <b>55°C</b>		
5.C	[0-0C]	Leaving water value for low ambient temp. for DHW WD curve.	R/W	45-[6-0E]°C, step: 1°C <b>60°C</b>		
5.C	[0-0D]	High ambient temp. for DHW WD curve.	R/W	10-25°C, step: 1°C <b>15°C</b>		
5.C	[0-0E]	Low ambient temp. for DHW WD curve.	R/W	-40-5°C, step: 1°C <b>-10°C</b>		
Tank						
5.D	[6-01]	Margin	R/W	0-10°C, step: 1°C <b>2°C</b>		
User settings						
└ Quiet						
7.4.1		Activation	R/W	<b>0: OFF</b> 1: Quiet 2: More quiet 3: Most quiet 4: Automatic		
└ Electricity price						
7.5.1		High	R/W	0,00-990/kWh <b>1/kWh</b>		
7.5.2		Medium	R/W	0,00-990/kWh <b>1/kWh</b>		
7.5.3		Low	R/W	0,00-990/kWh <b>1/kWh</b>		
User settings						
7.6		Gas price	R/W	0,00-990/kWh 0,00-290/MBtu <b>1,0/kWh</b>		
Installer settings						
└ Configuration wizard						
└ System						
9.1	[E-03]	BUH type	R/O	<b>2: 3V (*1)</b> <b>3: 6V (*2)</b> <b>4: 9W (*3)</b>		
9.1	[E-05] [E-06] [E-07]	Domestic hot water	R/O	<b>3: Integrated</b>		

(\*1) \*3V\_

(\*2) \*6V\_

(\*3) \*9W

(#) Setting is not applicable for this unit.

Field settings table					Installer setting at variance with default value	
Breadcrumb	Field code	Setting name	Range, step	Default value	Date	Value
9.1	[4-06]	Emergency	R/W	0: Manual 1: Automatic(normal SH/DHW ON) 2: Auto red SH/DHW ON 3: <b>Auto red SH/DHW OFF</b> 4: SH ON/DHW OFF		
9.1	[7-02]	Number of zones	R/W	0: Single zone 1: <b>Dual zone</b>		
Backup heater						
9.1	[5-0D]	Voltage	R/W (*2) R/O (*1) (*3)	0: <b>230V, 1~ (*1) (*2)</b> 1: 230V, 3~ (*2) 2: <b>400V, 3~ (*3)</b>		
9.1	[4-0A]	Configuration	R/W	0: 1 (*1) 1: <b>1/1+2 (*2) (*3)</b> 2: 1/2 3: 1/2 + 1/1+2 in emergency		
9.1	[6-03]	Capacity step 1	R/W	0~10kW, step: 0,2kW 2kW (*2) 3kW (*1)(*3)		
9.1	[6-04]	Additional capacity step 2	R/O (*1) R/W (*2) (*3)	0~10kW, step: 0,2kW 0kW (*1) 4kW (*2) 6kW (*3)		
Main zone						
9.1	[2-0C]	Emitter type	R/W	0: <b>Underfloor heating</b> 1: Fancoil unit 2: Radiator		
9.1	[C-07]	Control	R/W	0: <b>LWT control</b> 1: Ext RT control 2: RT control		
9.1		Setpoint mode	R/W	0: Fixed 2: <b>Weather dependent</b>		
9.1		Schedule	R/W	0: <b>No</b> 1: Yes		
9.1	[1-00]	Low ambient temp. for LWT main zone heating WD curve.	R/W	-40~5°C, step: 1°C -10°C		
9.1	[1-01]	High ambient temp. for LWT main zone heating WD curve.	R/W	10~25°C, step: 1°C 15°C		
9.1	[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		
9.1	[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	[1-06]	--		20		
9.1	[1-07]	--		35		
9.1	[1-08]	--		22		
9.1	[1-09]	--		18		
Additional zone						
9.1	[2-0D]	Emitter type	R/W	0: <b>Underfloor heating</b> 1: Fancoil unit 2: Radiator		
9.1		Setpoint mode	R/W	0: Fixed 2: <b>Weather dependent</b>		
9.1		Schedule	R/W	0: <b>No</b> 1: Yes		
9.1	[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		
9.1	[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 50°C		
9.1	[0-02]	High ambient temp. for LWT add zone heating WD curve.	R/W	10~25°C, step: 1°C 15°C		
9.1	[0-03]	Low ambient temp. for LWT add zone heating WD curve.	R/W	-40~5°C, step: 1°C -10°C		
9.1	[0-04]	--		8		
9.1	[0-05]	--		12		
9.1	[0-06]	--		35		
9.1	[0-07]	--		20		
Tank						
9.1	[6-0D]	Heat up mode	R/W	0: Reheat only 1: <b>Reheat + sched.</b> 2: Scheduled only		
9.1	[6-0A]	Comfort setpoint	R/W	30~[6-0E]°C, step: 1°C 60°C		
9.1	[6-0B]	Eco setpoint	R/W	30~min(50, [6-0E])°C, step: 1°C 45°C		
9.1	[6-0C]	Reheat setpoint	R/W	30~min(50, [6-0E])°C, step: 1°C 45°C		
Domestic hot water						
9.2.1	[E-05] [E-06] [E-07]	Domestic hot water	R/O	3: <b>Integrated</b>		
9.2.2	[D-02]	DHW pump	R/W	0: <b>No</b> 1: Secondary rtn 2: Disinf. Shunt		
9.2.4	[D-07]	Solar	R/W	0: <b>No</b> 1: Yes		
Back up heater						
9.3.1	[E-03]	BUH type	R/O	2: 3V (*1) 3: 6V (*2) 4: <b>9V (*3)</b>		
9.3.2	[5-0D]	Voltage	R/W (*2) R/O (*1) (*3)	0: <b>230V, 1~ (*1) (*2)</b> 1: 230V, 3~ (*2) 2: <b>400V, 3~ (*3)</b>		
9.3.3	[4-0A]	Configuration	R/W	0: 1 (*1) 1: <b>1/1+2 (*2) (*3)</b> 2: 1/2 3: 1/2 + 1/1+2 in emergency		

Field settings table					Installer setting at variance with default value	
Breadcrumb	Field code	Setting name		Range, step Default value	Date	Value
9.3.4	[6-03]	Capacity step 1	R/W	0~10kW, step: 0.2kW <b>2kW (*2)</b> <b>3kW (*1)(*3)</b>		
9.3.5	[6-04]	Additional capacity step 2	R/O (*1) R/W (*2) (*3)	0~10kW, step: 0.2kW <b>0kW (*1)</b> <b>4kW (*2)</b> <b>6kW (*3)</b>		
9.3.6	[5-00]	Equilibrium	R/W	0: Allowed <b>1: Not allowed</b>		
9.3.7	[5-01]	Equilibrium temperature	R/W	-15~35°C, step: 1°C <b>0°C</b>		
9.3.8	[4-00]	Operation	R/W	0: Disabled <b>1: Enabled</b> 2: Only DHW		
<b>↳ Booster heater</b>						
9.4.1	[6-02]	Capacity	R/W	0~10kW, step: 0.2kW <b>0kW</b>		
9.4.3	[8-03]	BSH eco timer	R/W	20~95 min, step: 5 min <b>50 min</b>		
9.4.4	[4-03]	Operation	R/W	0: Restricted 1: Allowed 2: Overlap <b>3: Compressor off</b> 4: Legionella only		
<b>↳ Emergency</b>						
9.5.1	[4-06]	Emergency	R/W	0: Manual 1: Automatic(normal SH/DHW ON) 2: Auto red SH/DHW ON <b>3: Auto red SH/DHW OFF</b> 4: SH ON/DHW OFF		
9.5.2	[7-06]	HP Forced OFF	R/W	<b>0: Disabled</b> 1: Enabled		
<b>↳ Balancing</b>						
9.6.1	[5-02]	Space heating priority	R/W	<b>0: Disabled</b> 1: Enabled		
9.6.2	[5-03]	Priority temperature	R/W	-15~35°C, step: 1°C <b>0°C</b>		
9.6.3	[5-04]	Offset BSH setpoint	R/W	0~20°C, step: 1°C <b>10°C</b>		
9.6.4	[8-02]	Anti-recycle timer	R/W	0~10 hour, step: 0.5 hour <b>0.5 hour</b>		
9.6.5	[8-00]	Minimum running timer	R/W	0~20 min, step 1 min <b>1 min</b>		
9.6.6	[8-01]	Maximum running timer	R/W	5~95 min, step: 5 min <b>30 min</b>		
9.6.7	[8-04]	Additional timer	R/W	0~95 min, step: 5 min <b>95 min</b>		
<b>Installer settings</b>						
9.7	[4-04]	Water pipe freeze prevention		0: Intermittent 1: Continuous <b>2: Off</b>		
<b>↳ Benefit kWh power supply</b>						
9.8.2	[D-00]	Allow heater	R/W	<b>0: None</b> 1: BSH only 2: BUH only 3: All heaters		
9.8.3	[D-05]	Allow pump	R/W	0: Forced off <b>1: As normal</b>		
9.8.4	[D-01]	Benefit kWh power supply	R/W	<b>0: No</b> 1: Active open 2: Active closed 3: Smart grid		
9.8.6		Allow electric heaters		0: No <b>1: Yes</b>		
9.8.8		Limit setting kW		0~20 kW, step: 0,5 kW <b>20 kW</b>		
<b>↳ Power consumption control</b>						
9.9.1	[4-08]	Power consumption control	R/W	<b>0: No limitation</b> 1: Continuous 2: Digital inputs		
9.9.2	[4-09]	Type	R/W	0: Current <b>1: Power</b>		
9.9.3	[5-05]	Limit	R/W	0~50 A, step: 1 A <b>50 A</b>		
9.9.4	[5-05]	Limit 1	R/W	0~50 A, step: 1 A <b>50 A</b>		
9.9.5	[5-06]	Limit 2	R/W	0~50 A, step: 1 A <b>50 A</b>		
9.9.6	[5-07]	Limit 3	R/W	0~50 A, step: 1 A <b>50 A</b>		
9.9.7	[5-08]	Limit 4	R/W	0~50 A, step: 1 A <b>50 A</b>		
9.9.8	[5-09]	Limit	R/W	0~20 kW, step: 0,5 kW <b>20 kW</b>		
9.9.9	[5-09]	Limit 1	R/W	0~20 kW, step: 0,5 kW <b>20 kW</b>		
9.9.A	[5-0A]	Limit 2	R/W	0~20 kW, step: 0,5 kW <b>20 kW</b>		
9.9.B	[5-0B]	Limit 3	R/W	0~20 kW, step: 0,5 kW <b>20 kW</b>		
9.9.C	[5-0C]	Limit 4	R/W	0~20 kW, step: 0,5 kW <b>20 kW</b>		
9.9.D	[4-01]	Priority heater		<b>0: None</b> 1: BSH 2: BUH		
<b>↳ Energy metering</b>						
9.A.1	[D-08]	Electricity meter 1	R/W	<b>0: No</b> 1: 0,1 pulse/kWh 2: 1 pulse/kWh 3: 10 pulse/kWh 4: 100 pulse/kWh 5: 1000 pulse/kWh		

(\*1) \*3V\_  
(\*2) \*6V\_  
(\*3) \*9W

(#) Setting is not applicable for this unit.

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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.A.2	[D-09]	Electricity meter 2	R/W	<b>0: No</b> 1: 0.1 pulse/kWh 2: 1 pulse/kWh 3: 10 pulse/kWh 4: 100 pulse/kWh 5: 1000 pulse/kWh		
└ Sensors						
9.B.1	[C-08]	External sensor	R/W	<b>0: No</b> 1: Outdoor sensor 2: Room sensor		
9.B.2	[2-0B]	Ext. amb. sensor offset	R/W	-5~5°C, step: 0,5°C <b>0°C</b>		
9.B.3	[1-0A]	Averaging time	R/W	<b>0: No averaging</b> 1: 12 hours 2: 24 hours 3: 48 hours 4: 72 hours		
└ Bivalent						
9.C.1	[C-02]	Bivalent	R/W	<b>0: No</b> 1: Bivalent		
9.C.2	[7-05]	Boiler efficiency	R/W	<b>0: Very high</b> 1: High 2: Medium 3: Low 4: Very low		
9.C.3	[C-03]	Temperature	R/W	-25~25°C, step: 1°C <b>0°C</b>		
9.C.4	[C-04]	Hysteresis	R/W	2~10°C, step 1°C <b>3°C</b>		
Installer settings						
9.D	[C-09]	Alarm output	R/W	<b>0: Normally open</b> 1: Normally closed		
9.E	[3-00]	Auto restart	R/W	<b>0: No</b> 1: Yes		
9.F	[E-08]	Power saving function	R/W	<b>0: Disabled</b> 1: Enabled		
9.G		Disable protections	R/W	<b>0: No</b> 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 <b>35°C</b>		
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 <b>50°C</b>		
9.I	[0-02]	High ambient temp. for LWT add zone heating WD curve.	R/W	10~25°C, step: 1°C <b>15°C</b>		
9.I	[0-03]	Low ambient temp. for LWT add zone heating WD curve.	R/W	-40~5°C, step: 1°C <b>-10°C</b>		
9.I	[0-04]	--		<b>8</b>		
9.I	[0-05]	--		<b>12</b>		
9.I	[0-06]	--		<b>35</b>		
9.I	[0-07]	--		<b>20</b>		
9.I	[0-0B]	Leaving water value for high ambient temp. for DHW WD curve.	R/W	35~[6-0E]°C, step: 1°C <b>55°C</b>		
9.I	[0-0C]	Leaving water value for low ambient temp. for DHW WD curve.	R/W	45~[6-0E]°C, step: 1°C <b>60°C</b>		
9.I	[0-0D]	High ambient temp. for DHW WD curve.	R/W	10~25°C, step: 1°C <b>15°C</b>		
9.I	[0-0E]	Low ambient temp. for DHW WD curve.	R/W	-40~5°C, step: 1°C <b>-10°C</b>		
9.I	[1-00]	Low ambient temp. for LWT main zone heating WD curve.	R/W	-40~5°C, step: 1°C <b>-10°C</b>		
9.I	[1-01]	High ambient temp. for LWT main zone heating WD curve.	R/W	10~25°C, step: 1°C <b>15°C</b>		
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 <b>35°C</b>		
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 <b>25°C</b>		
9.I	[1-04]	--		<b>1</b>		
9.I	[1-05]	--		<b>1</b>		
9.I	[1-06]	--		<b>20</b>		
9.I	[1-07]	--		<b>35</b>		
9.I	[1-08]	--		<b>22</b>		
9.I	[1-09]	--		<b>18</b>		
9.I	[1-0A]	What is the averaging time for the outdoor temp?	R/W	<b>0: No averaging</b> 1: 12 hours 2: 24 hours 3: 48 hours 4: 72 hours		
9.I	[1-0B]	What is the desired delta T in heating for the main zone?	R/W	3~10°C, step: 1°C <b>5°C</b>		
9.I	[1-0C]	What is the desired delta T in heating for the additional zone?	R/W	3~10°C, step: 1°C <b>5°C</b>		
9.I	[1-0D]	--		<b>5</b>		
9.I	[1-0E]	--		<b>5</b>		
9.I	[2-00]	When should the disinfection function be executed?	R/W	<b>0: Each day</b> 1: Monday 2: Tuesday 3: Wednesday 4: Thursday <b>5: Friday</b> 6: Saturday 7: Sunday		
9.I	[2-01]	Should the disinfection function be executed?	R/W	<b>0: No</b> 1: Yes		
9.I	[2-02]	When should the disinfection function start?	R/W	0~23 hour, step: 1 hour <b>1</b>		
9.I	[2-03]	What is the disinfection target temperature?	R/W	<b>60°C</b>		

Field settings table					Installer setting at variance with default value	
Breadcrumb	Field code	Setting name		Range, step Default value	Date	Value
9.1	[2-04]	How long must the tank temperature be maintained?	R/W	40-60 min, step: 5 min <b>40 min</b>		
9.1	[2-05]	Room antifrost temperature	R/W	4-16°C, step: 1°C <b>12°C</b>		
9.1	[2-06]	Room frost protection	R/W	0: Disabled <b>1: Enabled</b>		
9.1	[2-09]	Adjust the offset on the measured room temperature	R/W	-5-5°C, step: 0,5°C <b>0°C</b>		
9.1	[2-0A]	Adjust the offset on the measured room temperature	R/W	-5-5°C, step: 0,5°C <b>0°C</b>		
9.1	[2-0B]	What is the required offset on the measured outdoor temp.?	R/W	-5-5°C, step: 0,5°C <b>0°C</b>		
9.1	[2-0C]	What emitter type is connected to the main LWT zone?	R/W	<b>0: Underfloor heating</b> 1: Fancoil unit 2: Radiator		
9.1	[2-0D]	What emitter type is connected to the additional LWT zone?	R/W	<b>0: Underfloor heating</b> 1: Fancoil unit 2: Radiator		
9.1	[2-0E]	What is the maximum allowed current over the heatpump ?	R/W	0-50 A, step: 1 A <b>50 A</b>		
9.1	[3-00]	Is auto restart of the unit allowed?	R/W	0: No <b>1: Yes</b>		
9.1	[3-01]	--		<b>0</b>		
9.1	[3-02]	--		<b>1</b>		
9.1	[3-03]	--		<b>4</b>		
9.1	[3-04]	--		<b>2</b>		
9.1	[3-05]	--		<b>1</b>		
9.1	[3-06]	What is the maximum desired room temperature in heating?	R/W	18-30°C, step: 1°C <b>30°C</b>		
9.1	[3-07]	What is the minimum desired room temperature in heating?	R/W	12-18°C, step: 1°C <b>12°C</b>		
9.1	[3-08]	--		<b>35</b>		
9.1	[3-09]	--		<b>15</b>		
9.1	[4-00]	What is the BUH operation mode?	R/W	0: Disabled <b>1: Enabled</b> 2: Only DHW		
9.1	[4-01]	Which electric heater has priority?	R/W	<b>0: None</b> 1: BSH 2: BUH		
9.1	[4-02]	Below which outdoor temperature is heating allowed?	R/W	14-35°C, step: 1°C <b>22°C</b>		
9.1	[4-03]	Operation permission of the booster heater.	R/W	0: Restricted 1: Allowed 2: Overlap <b>3: Compressor off</b> 4: Legionella only		
9.1	[4-04]	Water pipe freeze prevention		0: Intermittent 1: Continuous <b>2: Off</b>		
9.1	[4-05]	--		<b>0</b>		
9.1	[4-06]	Emergency	R/W	0: Manual 1: Automatic(normal SH/DHW ON) 2: Auto red SH/DHW ON <b>3: Auto red SH/DHW OFF</b> 4: SH ON/DHW OFF		
9.1	[4-07]	--		<b>6</b>		
9.1	[4-08]	Which power limitation mode is required on the system?	R/W	<b>0: No limitation</b> 1: Continuous 2: Digital inputs		
9.1	[4-09]	Which power limitation type is required?	R/W	0: Current <b>1: Power</b>		
9.1	[4-0A]	Backup heater configuration	R/W	<b>0: 1 (*1)</b> <b>1: 1/1+2 (*2) (*3)</b> 2: 1/2 3: 1/2 + 1/1+2 in emergency		
9.1	[4-0B]	--		<b>1</b>		
9.1	[4-0D]	--		<b>3</b>		
9.1	[4-0E]	--		<b>6</b>		
9.1	[5-00]	Is backup heater operation allowed above equilibrium temperature during space heating operation?	R/W	0: Allowed <b>1: Not allowed</b>		
9.1	[5-01]	What is the equilibrium temperature for the building?	R/W	-15-35°C, step: 1°C <b>0°C</b>		
9.1	[5-02]	Space heating priority.	R/W	<b>0: Disabled</b> 1: Enabled		
9.1	[5-03]	Space heating priority temperature.	R/W	-15-35°C, step: 1°C <b>0°C</b>		
9.1	[5-04]	Set point correction for domestic hot water temperature.	R/W	0-20°C, step: 1°C <b>10°C</b>		
9.1	[5-05]	What is the requested limit for DI1?	R/W	0-50 A, step: 1 A <b>50 A</b>		
9.1	[5-06]	What is the requested limit for DI2?	R/W	0-50 A, step: 1 A <b>50 A</b>		
9.1	[5-07]	What is the requested limit for DI3?	R/W	0-50 A, step: 1 A <b>50 A</b>		
9.1	[5-08]	What is the requested limit for DI4?	R/W	0-50 A, step: 1 A <b>50 A</b>		
9.1	[5-09]	What is the requested limit for DI1?	R/W	0-20 kW, step: 0,5 kW <b>20 kW</b>		
9.1	[5-0A]	What is the requested limit for DI2?	R/W	0-20 kW, step: 0,5 kW <b>20 kW</b>		
9.1	[5-0B]	What is the requested limit for DI3?	R/W	0-20 kW, step: 0,5 kW <b>20 kW</b>		
9.1	[5-0C]	What is the requested limit for DI4?	R/W	0-20 kW, step: 0,5 kW <b>20 kW</b>		
9.1	[5-0D]	Backup heater voltage	R/W (*2) R/O (*1) (*3)	<b>0: 230V, 1- (*1) (*2)</b> 1: 230V, 3- (*2) <b>2: 400V, 3- (*3)</b>		
9.1	[5-0E]	--		<b>1</b>		
9.1	[6-00]	The temperature difference determining the heat pump ON temperature.	R/W	2-40°C, step: 1°C <b>25°C</b>		
9.1	[6-01]	The temperature difference determining the heat pump OFF temperature.	R/W	0-10°C, step: 1°C <b>2°C</b>		

(\*1) \*3V\_  
(\*2) \*6V\_  
(\*3) \*9W

(#) Setting is not applicable for this unit.

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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
	[6-02]	What is the capacity of the booster heater?	R/W	0~10kW, step: 0.2kW 0kW		
	[6-03]	What is the capacity of the backup heater step 1?	R/W	0~10kW, step: 0.2kW 2kW (*2) 3kW (*1)(*3)		
	[6-04]	What is the capacity of the backup heater step 2?	R/O (*1) R/W (*2) (*3)	0~10kW, step: 0.2kW 0kW (*1) 4kW (*2) 6kW (*3)		
	[6-05]	--		0		
	[6-06]	--		0		
	[6-07]	What is the capacity of the bottom plate heater?	R/W	0~200W, step: 10W 0W		
	[6-08]	What is the hysteresis to be used in reheat mode?	R/W	2~20°C, step: 1°C 10°C		
	[6-09]	--		0		
	[6-0A]	What is the desired comfort storage temperature?	R/W	30~[6-0E]°C, step: 1°C 60°C		
	[6-0B]	What is the desired eco storage temperature?	R/W	30~min(50, [6-0E])°C, step: 1°C 45°C		
	[6-0C]	What is the desired reheat temperature?	R/W	30~min(50, [6-0E])°C, step: 1°C 45°C		
	[6-0D]	What is the desired DHW production type?	R/W	0: Reheat only 1: Reheat + sched. 2: Scheduled only		
	[6-0E]	What is the maximum temperature setpoint?	R/W	40~60°C, step: 1°C 60°C		
	[7-00]	Domestic hot water booster heater overshoot temperature.	R/W	0~4°C, step: 1°C 0°C		
	[7-01]	Domestic hot water booster heater hysteresis.	R/W	2~40°C, step: 1°C 2°C		
	[7-02]	How many leaving water temperature zones are there?	R/W	0: 1 LWT zone 1: 2 LWT zones		
	[7-03]	--		2.5		
	[7-04]	--		0		
	[7-05]	Boiler efficiency	R/W	0: Very high 1: High 2: Medium 3: Low 4: Very low		
	[7-06]	HP Forced OFF	R/W	0: Disabled 1: Enabled		
	[7-07]	BBR16 activation	R/W	0: Disabled 1: Enabled		
	[8-00]	Minimum running time for domestic hot water operation.	R/W	0~20 min, step 1 min 1 min		
	[8-01]	Maximum running time for domestic hot water operation.	R/W	5~95 min, step: 5 min 30 min		
	[8-02]	Anti-recycling time.	R/W	0~10 hour, step: 0.5 hour 0.5 hour		
	[8-03]	Booster heater delay timer.	R/W	20~95 min, step: 5 min 50 min		
	[8-04]	Additional running time for the maximum running time.	R/W	0~95 min, step: 5 min 95 min		
	[8-05]	Allow modulation of the LWT to control the room temp?	R/W	0: No 1: Yes		
	[8-06]	Leaving water temperature maximum modulation.	R/W	0~10°C, step: 1°C 5°C		
	[8-07]	--		18		
	[8-08]	--		20		
	[8-09]	What is the desired comfort main LWT in heating?	R/W	[9-01]~[9-00], step: 1°C 35°C		
	[8-0A]	What is the desired eco main LWT in heating?	R/W	[9-01]~[9-00], step: 1°C 33°C		
	[8-0B]	--		13		
	[8-0C]	--		10		
	[8-0D]	--		16		
	[9-00]	What is the maximum desired LWT for main zone in heating?	R/W	[2-0C]=2: 37~65, step: 1°C 55°C [2-0C]≠2: 37~55, step: 1°C 55°C		
	[9-01]	What is the minimum desired LWT for main zone in heating?	R/W	15~37°C, step: 1°C 25°C		
	[9-02]	--		22		
	[9-03]	--		5		
	[9-04]	Leaving water temperature overshoot temperature.	R/W	1~4°C, step: 1°C 1°C		
	[9-05]	What is the minimum desired LWT for add. zone in heating?	R/W	15~37°C, step: 1°C 25°C		
	[9-06]	What is the maximum desired LWT for add. zone in heating?	R/W	[2-0D]=2: 37~65, step: 1°C 55°C [2-0D]≠2: 37~55, step: 1°C 55°C		
	[9-07]	--		5		
	[9-08]	--		22		
	[9-09]	What is the allowed undershoot in cooling?	R/W	1~18°C, step: 1°C 18°C		
	[9-0A]	Heating comfort setpoint	R/W	[3-07]~[3-06]°C, step: 0.5°C 23°C		
	[9-0C]	Room temperature hysteresis.	R/W	1~6°C, step: 0.5°C 1°C		
	[9-0D]	Pump speed limitation add zone	R/W	0~8, step:1 0: No limitation 1~4: 50~80% 5~8: 50~80% during sampling 6		



Field settings table					Installer setting at variance with default value	
Breadcrumb	Field code	Setting name		Range, step Default value	Date	Value
9.1	[9-0E]	Pump speed limitation main zone	R/W	0-8, step:1 0 : No limitation 1-4 : 50-80% 5-8 : 50-80% during sampling <b>6</b>		
9.1	[C-00]	Domestic heating water priority.	R/O	<b>1: Heat pump priority</b>		
9.1	[C-01]	--		<b>0</b>		
9.1	[C-02]	Is an external backup heat source connected?	R/W	<b>0: No</b> 1: Bivalent		
9.1	[C-03]	Bivalent activation temperature.	R/W	-25~25°C, step: 1°C 0°C		
9.1	[C-04]	Bivalent hysteresis temperature.	R/W	2~10°C, step 1°C <b>3°C</b>		
9.1	[C-05]	What is the thermo request contact type for the main zone?	R/W	0: - 1: 1 contact <b>2: 2 contacts</b>		
9.1	[C-06]	What is the thermo request contact type for the add. zone?	R/W	0: - 1: 1 contact <b>2: 2 contacts</b>		
9.1	[C-07]	What is the unit control method in space operation?	R/W	<b>0: LWT control</b> 1: Ext RT control 2: RT control		
9.1	[C-08]	Which type of external sensor is installed?	R/W	<b>0: No</b> 1: Outdoor sensor 2: Room sensor		
9.1	[C-09]	What is the required alarm output contact type?	R/W	<b>0: Normally open</b> 1: Normally closed		
9.1	[C-0A]	--		<b>0</b>		
9.1	[C-0B]	--		<b>0</b>		
9.1	[C-0C]	--		<b>0</b>		
9.1	[C-0D]	--		<b>0</b>		
9.1	[C-0E]	--		<b>0</b>		
9.1	[D-00]	Which heaters are permitted if prefer. kWh rate PS is cut?	R/W	<b>0: None</b> 1: BSH only 2: BUH only 3: All heaters		
9.1	[D-01]	Contact type of preferential kWh rate PS installation?	R/W	<b>0: No</b> 1: Active open 2: Active closed 3: Smart grid		
9.1	[D-02]	Which type of DHW pump is installed?	R/W	<b>0: No</b> 1: Secondary rtrn 2: Disinf. Shunt		
9.1	[D-03]	Leaving water temperature compensation around 0°C.	R/W	0: No <b>1: increase 2°C, span 4°C</b> 2: increase 4°C, span 4°C 3: increase 2°C, span 8°C 4: increase 4°C, span 8°C		
9.1	[D-04]	Is a demand PCB connected?	R/W	<b>0: No</b> 1: Pwr consmp ctrl		
9.1	[D-05]	Is the pump allowed to run if prefer. kWh rate PS is cut?	R/W	0: Forced off <b>1: As normal</b>		
9.1	[D-07]	Is a solar kit connected?	R/O	<b>0: No</b>		
9.1	[D-08]	Is an external kWh meter used for power measurement?	R/W	<b>0: No</b> 1: 0.1 pulse/kWh 2: 1 pulse/kWh 3: 10 pulse/kWh 4: 100 pulse/kWh 5: 1000 pulse/kWh		
9.1	[D-09]	Is an external kWh meter used for power measurement?	R/W	<b>0: No</b> 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) 8: 1 pulse/m <sup>3</sup> (gas meter) 9: 10 pulses/m <sup>3</sup> (gas meter) 10: 100 pulses/m <sup>3</sup> (gas meter)		
9.1	[D-0A]	--		<b>0</b>		
9.1	[D-0B]	--		<b>2</b>		
9.1	[D-0C]	--		<b>0</b>		
9.1	[D-0D]	--		<b>0</b>		
9.1	[D-0E]	--		<b>0</b>		
9.1	[E-00]	Which type of unit is installed?	R/O	0-5 <b>0: LT split</b>		
9.1	[E-01]	Which type of compressor is installed?	R/O	<b>0</b>		
9.1	[E-02]	What is the indoor unit software type?	R/O	<b>1: Heating only</b>		
9.1	[E-03]	What is the number of backup heater steps?	R/O	<b>2: 3V (*1)</b> <b>3: 6V (*2)</b> <b>4: 9W (*3)</b>		
9.1	[E-04]	Is the power saving function available on the outdoor unit?	R/O	0: No <b>1: Yes</b>		
9.1	[E-05]	Can the system prepare domestic hot water?	R/O	0: No <b>1: Yes</b>		
9.1	[E-06]	Is a DHW tank installed in the system?	R/O	0: No <b>1: Yes</b>		
9.1	[E-07]	What kind of DHW tank is installed?	R/O	<b>1: Integrated</b>		
9.1	[E-08]	Power saving function for outdoor unit.	R/W	0: Disabled <b>1: Enabled</b>		
9.1	[E-09]	--		<b>1</b>		
9.1	[E-0A]	--		<b>0</b>		
9.1	[E-0B]	Is a bi-zone kit installed?	R/O	<b>1: Yes</b>		
9.1	[E-0C]	--		<b>0</b>		
9.1	[E-0D]	Is glycol present in the system?		<b>0</b>		
9.1	[E-0E]	--		<b>0</b>		
9.1	[F-00]	Pump operation allowed outside range.	R/W	<b>0: Disabled</b> 1: Enabled		
9.1	[F-01]	--		<b>20</b>		
9.1	[F-02]	Bottom plate heater ON temperature.	R/W	3~10°C, step: 1°C <b>3°C</b>		

(\*1) \*3V\_  
(\*2) \*6V\_  
(\*3) \*9W

(#) Setting is not applicable for this unit.

Field settings table				Installer setting at variance with default value		
Breadcrumb	Field code	Setting name	Range, step	Default value	Date	Value
9.1	[F-03]	Bottom plate heater hysteresis.	R/W	2~5°C, step: 1°C <b>5°C</b>		
9.1	[F-04]	Is a bottom plate heater connected?	R/W	<b>0: No</b> 1: Yes		
9.1	[F-05]	--		<b>0</b>		
9.1	[F-09]	Pump operation during flow abnormality.	R/W	<b>0: Disabled</b> 1: Enabled		
9.1	[F-0A]	--		<b>0</b>		
9.1	[F-0B]	Close shut-off valve during thermo OFF?	R/W	<b>0: No</b> 1: Yes		
9.1	[F-0C]	--		<b>1</b>		
9.1	[F-0D]	What is the pump operation mode?	R/W	0: Continuous <b>1: Sample</b> 2: Request		