

Field settings table

[8.7.5] = ...**0221**

Applicable units

- EWAA009DAV3P
- EWAA011DAV3P
- EWAA014DAV3P
- EWAA016DAV3P
- EWAA009DAV3P-H-
- EWAA011DAV3P-H-
- EWAA014DAV3P-H-
- EWAA016DAV3P-H-
- EWYA009DAV3P
- EWYA011DAV3P
- EWYA014DAV3P
- EWYA016DAV3P
- EWYA009DAV3P-H-
- EWYA011DAV3P-H-
- EWYA014DAV3P-H-
- EWYA016DAV3P-H-
- EWAA009DAW1P
- EWAA011DAW1P
- EWAA014DAW1P
- EWAA016DAW1P
- EWAA009DAW1P-H-
- EWAA011DAW1P-H-
- EWAA014DAW1P-H-
- EWAA016DAW1P-H-
- EWYA009DAW1P
- EWYA011DAW1P
- EWYA014DAW1P
- EWYA016DAW1P
- EWYA009DAW1P-H-
- EWYA011DAW1P-H-
- EWYA014DAW1P-H-
- EWYA016DAW1P-H-

Notes

- (*1) EWAA*
- (*2) EWYA*

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]	Room frost protection	R/W	0: Disabled 1: Enabled		
1.4.2	[2-05]	Room antifrost temperature	R/W	4~16°C, step: 1°C 8°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 35°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 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: 37~60, step: 1°C 60°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 7°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: LWT control 1: Ext RT control 2: RT control		
2.A	[C-05]	Thermostat type	R/W	0: - 1: 1 contact 2: 2 contacts		
└ Delta T						
2.B.1	[1-0B]	Delta T heating	R/W	[2-0C] ≠ 2 (Radiator) 3~10°C, step: 1°C 5°C [2-0C] = 2 (Radiator) 8°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		
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 35°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 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 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		

Field settings table					Installer setting at variance with default value	
Breadcrumb	Field code	Setting name		Range, step Default value	Date	Value
	[0-06]	High ambient temp. for LWT add zone cooling WD curve.	R/W	25-43°C, step: 1°C 35°C		
	[0-07]	Low ambient temp. for LWT add zone cooling WD curve.	R/W	10-25°C, step: 1°C 20°C		
Additional zone						
	[2-0D]	Emitter type	R/W	0: Underfloor heating 1: Fancoil unit 2: Radiator		
└─ Setpoint range						
	[9-05]	Heating minimum	R/W	15-37°C, step: 1°C 25°C		
	[9-06]	Heating maximum	R/W	[2-0D]=2: 37-60, step: 1°C 60°C [2-0D]#2: 37-55, step: 1°C 55°C		
	[9-07]	Cooling minimum	R/W	5-18°C, step: 1°C 7°C		
	[9-08]	Cooling maximum	R/W	18-22°C, step: 1°C 22°C		
Additional zone						
	[C-06]	Thermostat type	R/W	0: - 1: 1 contact 2: 2 contacts		
└─ Delta T						
	[1-0C]	Delta T heating	R/W	[2-0D] ≠2 (Radiator) 3-10°C, step: 1°C 5°C [2-0D] = 2 (Radiator) 8°C		
	[1-0E]	Delta T cooling	R/W	3-10°C, step: 1°C 5°C		
Space heating / cooling						
└─ Operation range						
	[4-02]	Space heating OFF temp	R/W	14-35°C, step: 1°C with BUH: 35°C without BUH: 25°C		
	[F-01]	Space cooling OFF temp	R/W	10-35°C, step: 1°C 20°C		
Space heating / cooling						
	[7-02]	Number of zones	R/W	0: 1 LWT zone 1: 2 LWT zones		
	[F-0D]	Pump operation mode	R/W	0: Continuous 1: Sample 2: Request		
	[E-02]	Unit type	R/W (*2) R/O (*1)	0: Reversible (*2) 1: Cooling only (*1)		
	[9-0D]	Pump limitation	R/W	0-8, step:1 0: No limitation 1-4: 80-50% 5-8: 80-50% during sampling 6		
Space heating / cooling						
	[F-00]	Pump outside range	R/W	0: Restricted 1: Allowed		
	[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		
	[9-04]	Overshoot	R/W	1-4°C, step: 1°C 4°C		
	[2-06]	Room frost protection	R/W	0: Disabled 1: Enabled		
User settings						
└─ Quiet						
		Activation	R/W	0: OFF 1: Manual 2: Automatic		
└─ Electricity price						
		High	R/W	0.00-990/kWh 1/kWh		
		Medium	R/W	0.00-990/kWh 1/kWh		
		Low	R/W	0.00-990/kWh 1/kWh		
User settings						
		Gas price	R/W	0.00-990/kWh 0.00-290/MBtu 1.0/kWh		
Installer settings						
└─ Configuration wizard						
└─ System						
	[E-03]	BUH type	R/W	0: no BUH 1: External BUH		
	[E-05] [E-06] [E-07]	Domestic hot water	R/W	0: No DHW 2: EKHWP 7: EKHWP		
	[4-06]	Emergency	R/W	0: Manual 1: Automatic(normal SH/DHW ON) 2: Auto red SH/DHW ON 3: Auto red SH/DHW OFF 4: SH ON/DHW OFF		
	[7-02]	Number of zones	R/W	0: Single zone 1: Dual zone		
└─ Backup heater						
	[5-0D]	Voltage	R/W	0: 230V, 1~ 1: 230V, 3~ 2: 400V, 3~		

(*1) EWAA*

(*2) EWYA*

(#) 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
9.1	[4-0A]	Configuration	R/W	0: 1 1: 1/1+2 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 0kW		
9.1	[6-04]	Additional capacity step 2	R/W	0~10kW, step: 0,2kW 0kW		
└─ Main zone						
9.1	[2-0C]	Emitter type	R/W	0: Underfloor heating 1: Fancoil unit 2: Radiator		
9.1	[C-07]	Control	R/W	0: LWT control 1: Ext RT control 2: RT control		
9.1		Setpoint mode	R/W	0: Fixed 1: WD heating, fixed cooling 2: Weather dependent		
9.1		Schedule	R/W	0: No 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]	Low ambient temp. for LWT main zone cooling WD curve.	R/W	10~25°C, step: 1°C 20°C		
9.1	[1-07]	High ambient temp. for LWT main zone cooling WD curve.	R/W	25~43°C, step: 1°C 35°C		
9.1	[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	[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		
└─ Additional zone						
9.1	[2-0D]	Emitter type	R/W	0: Underfloor heating 1: Fancoil unit 2: Radiator		
9.1		Setpoint mode	R/W	0: Fixed 1: WD heating, fixed cooling 2: Weather dependent		
9.1		Schedule	R/W	0: No 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 55°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]	Leaving water value for high ambient temp. for LWT add zone cooling WD curve.	R/W	[9-07]~[9-08]°C, step: 1°C 18°C		
9.1	[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	[0-06]	High ambient temp. for LWT add zone cooling WD curve.	R/W	25~43°C, step: 1°C 35°C		
9.1	[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	[6-0D]	Heat up mode	R/W	0: Reheat only 1: Reheat + sched. 2: Scheduled only		
9.1	[6-0A]	Comfort setpoint	R/W	30~[6-0E]°C, step: 1°C 50°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/W	0: No DHW 2: EKHW 7: EKHWP		
9.2.2	[D-02]	DHW pump	R/W	0: No 1: Secondary rtn 2: Disinf. Shunt 3: Circulation Pump 4: Circulation Pump and disinf. Shunt		
9.2.4	[D-07]	Solar	R/W	0: No 1: Yes		
└─ Back up heater						
9.3.1	[E-03]	BUH type	R/W	0: no BUH 1: External BUH		
9.3.2	[5-0D]	Voltage	R/W	0: 230V, 1~ 1: 230V, 3~ 2: 400V, 3~		
9.3.3	[4-0A]	Configuration	R/W	0: 1 1: 1/1+2 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		
9.3.5	[6-04]	Additional capacity step 2	R/W	0~10kW, step: 0,2kW 0kW		
9.3.6	[5-00]	Equilibrium	R/W	0: Allowed 1: Not allowed		
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: Disabled 1: Enabled 2: Only DHW		

Field settings table					Installer setting at variance with default value	
Breadcrumb	Field code	Setting name	Range, step	Default value	Date	Value
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		
Installer settings						
Emergency						
9.5.1	[4-06]	Emergency	R/W	0: Manual 1: Automatic(normal SH/DHW ON) 2: Auto red SH/DHW ON 3: Auto red SH/DHW OFF 4: SH ON/DHW OFF		
9.5.2	[7-06]	HP Forced OFF	R/W	0: Disabled 1: Enabled		
Installer settings						
9.7	[4-04]	Water pipe freeze prevention		0: Intermittent (not to be used) 1: Continuous 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 heaters		
9.8.3	[D-05]	Allow pump	R/W	0: Forced off 1: As normal		
9.8.4	[D-01]	Benefit kWh power supply	R/W	0: No 1: Active open 2: Active closed 3: Smart grid		
9.8.6		Allow electric heaters		0: No 1: Yes		
9.8.7		Enable Room buffering		0: No 1: Yes		
9.8.8		Limit setting kW		0~20 kW, step: 0,5 kW 20 kW		
Power consumption control						
9.9.1	[4-08]	Power consumption control	R/W	0: No limitation 1: Continuous 2: Digital inputs		
9.9.2	[4-09]	Type	R/W	0: Current 1: Power		
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		0: None 1: BSH 2: BUH		
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 sensor 2: Room sensor		
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 averaging 1: 12 hours 2: 24 hours 3: 48 hours 4: 72 hours		
Bivalent						
9.C.1	[C-02]	Bivalent	R/W	0: No 1: Bivalent		
9.C.2	[7-05]	Boiler efficiency	R/W	0: Very high 1: High 2: Medium 3: Low 4: Very low		

(*1) EWAA*

(*2) EWYA*

(#) 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.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: Normally open 1: Normally closed		
9.E	[3-00]	Auto restart	R/W	0: No 1: Yes		
9.F	[E-08]	Power saving function	R/W	0: Disabled 1: Enabled		
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 35°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 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 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		
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	45~[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 35°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 18°C		
9.I	[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		
9.I	[1-0B]	What is the desired delta T in heating for the main zone?	R/W	[2-0C] ≠ 2 (Radiator) 3~10°C, step: 1°C 5°C [2-0C] = 2 (Radiator) 8°C		
9.I	[1-0C]	What is the desired delta T in heating for the additional zone?	R/W	[2-0D] ≠ 2 (Radiator) 3~10°C, step: 1°C 5°C [2-0D] = 2 (Radiator) 8°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	55~75°C, step: 5°C 70°C		
9.I	[2-04]	How long must the tank temperature be maintained?	R/W	5~60 min, step: 5 min 10 min		
9.I	[2-05]	Room antifrost temperature	R/W	4~16°C, step: 1°C 8°C		
9.I	[2-06]	Room frost protection	R/W	0: Disabled 1: Enabled		
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		

Field settings table					Installer setting at variance with default value	
Breadcrumb	Field code	Setting name		Range, step Default value	Date	Value
9.1	[2-0C]	What emitter type is connected to the main LWT zone?	R/W	0: Underfloor heating 1: Fancoil unit 2: Radiator		
9.1	[2-0D]	What emitter type is connected to the additional LWT zone?	R/W	0: Underfloor heating 1: Fancoil unit 2: Radiator		
9.1	[2-0E]	What is the maximum allowed current over the heatpump ?	R/W	20~50 A, step: 1 A 50 A		
9.1	[3-00]	Is auto restart of the unit allowed?	R/W	0: No 1: Yes		
9.1	[3-01]	--		0		
9.1	[3-02]	--		1		
9.1	[3-03]	--		4		
9.1	[3-04]	--		2		
9.1	[3-05]	--		1		
9.1	[3-06]	What is the maximum desired room temperature in heating?	R/W	18~30°C, step: 1°C 30°C		
9.1	[3-07]	What is the minimum desired room temperature in heating?	R/W	12~18°C, step: 1°C 12°C		
9.1	[3-08]	What is the maximum desired room temperature in cooling?	R/W	25~35°C, step: 1°C 35°C		
9.1	[3-09]	What is the minimum desired room temperature in cooling?	R/W	15~25°C, step: 1°C 15°C		
9.1	[4-00]	What is the BUH operation mode?	R/W	0: Disabled 1: Enabled 2: Only DHW		
9.1	[4-01]	Which electric heater has priority?	R/W	0: None 1: BSH 2: BUH		
9.1	[4-02]	Below which outdoor temperature is heating allowed?	R/W	14~35°C, step: 1°C with BUH: 35°C without BUH: 25°C		
9.1	[4-03]	Operation permission of the booster heater.	R/W	0: Restricted 1: Allowed 2: Overlap 3: Compressor off 4: Legionella only		
9.1	[4-04]	Water pipe freeze prevention		0: Intermittent (not to be used) 1: Continuous 2: Off		
9.1	[4-05]	--		0		
9.1	[4-06]	Emergency	R/W	0: Manual 1: Automatic(normal SH/DHW ON) 2: Auto red SH/DHW ON 3: Auto red SH/DHW OFF 4: SH ON/DHW OFF		
9.1	[4-07]	--		6		
9.1	[4-08]	Which power limitation mode is required on the system?	R/W	0: No limitation 1: Continuous 2: Digital inputs		
9.1	[4-09]	Which power limitation type is required?	R/W	0: Current 1: Power		
9.1	[4-0A]	Backup heater configuration	R/W	0: 1 1: 1/1+2 2: 1/2 3: 1/2 + 1/1+2 in emergency		
9.1	[4-0B]	Automatic cooling/heating changeover hysteresis.	R/W	1~10°C, step: 0,5°C 1°C		
9.1	[4-0D]	Automatic cooling/heating changeover offset.	R/W	1~10°C, step: 0,5°C 3°C		
9.1	[4-0E]	--		6		
9.1	[5-00]	Is backup heater operation allowed above equilibrium temperature during space heating operation?	R/W	0: Allowed 1: Not allowed		
9.1	[5-01]	What is the equilibrium temperature for the building?	R/W	-15~35°C, step: 1°C 0°C		
9.1	[5-02]	Space heating priority.	R/W	0: Disabled 1: Enabled		
9.1	[5-03]	Space heating priority temperature.	R/W	-15~35°C, step: 1°C 0°C		
9.1	[5-04]	Set point correction for domestic hot water temperature.	R/W	0~20°C, step: 1°C 10°C		
9.1	[5-05]	What is the requested limit for DI1?	R/W	0~50 A, step: 1 A 50 A		
9.1	[5-06]	What is the requested limit for DI2?	R/W	0~50 A, step: 1 A 50 A		
9.1	[5-07]	What is the requested limit for DI3?	R/W	0~50 A, step: 1 A 50 A		
9.1	[5-08]	What is the requested limit for DI4?	R/W	0~50 A, step: 1 A 50 A		
9.1	[5-09]	What is the requested limit for DI1?	R/W	0~20 kW, step: 0,5 kW 20 kW		
9.1	[5-0A]	What is the requested limit for DI2?	R/W	0~20 kW, step: 0,5 kW 20 kW		
9.1	[5-0B]	What is the requested limit for DI3?	R/W	0~20 kW, step: 0,5 kW 20 kW		
9.1	[5-0C]	What is the requested limit for DI4?	R/W	0~20 kW, step: 0,5 kW 20 kW		
9.1	[5-0D]	Backup heater voltage	R/W	0: 230V, 1~ 1: 230V, 3~ 2: 400V, 3~		
9.1	[5-0E]	--		1		
9.1	[6-00]	The temperature difference determining the heat pump ON temperature.	R/W	2~40°C, step: 1°C 27°C		
9.1	[6-01]	The temperature difference determining the heat pump OFF temperature.	R/W	0~10°C, step: 1°C 2°C		
9.1	[6-02]	What is the capacity of the booster heater?	R/W	0~10kW, step: 0,2kW 0kW		
9.1	[6-03]	What is the capacity of the backup heater step 1?	R/W	0~10kW, step: 0,2kW 0kW		
9.1	[6-04]	What is the capacity of the backup heater step 2?	R/W	0~10kW, step: 0,2kW 0kW		

(*1) EWAA*

(*2) EWYA*

(#) 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
9.1	[6-05]	--		0		
9.1	[6-06]	--		0		
9.1	[6-07]	What is the capacity of the bottom plate heater?	R/W	0~200W, step: 10W 0W		
9.1	[6-08]	What is the hysteresis to be used in reheat mode?	R/W	2~20°C, step: 1°C 10°C		
9.1	[6-09]	--		0		
9.1	[6-0A]	What is the desired comfort storage temperature?	R/W	30~[6-0E]°C, step: 1°C 50°C		
9.1	[6-0B]	What is the desired eco storage temperature?	R/W	30~min(50, [6-0E])°C, step: 1°C 45°C		
9.1	[6-0C]	What is the desired reheat temperature?	R/W	30~min(50, [6-0E])°C, step: 1°C 45°C		
9.1	[6-0D]	What is the desired DHW production type?	R/W	0: Reheat only 1: Reheat + sched. 2: Scheduled only		
9.1	[6-0E]	What is the maximum DHW temperature setpoint?	R/W	40~75°C, step: 1°C 60°C [E-07]=0 40~80°C, step: 1°C 60°C [E-07]=5		
9.1	[7-00]	Domestic hot water booster heater overshoot temperature.	R/W	0~4°C, step: 1°C 0°C		
9.1	[7-01]	Domestic hot water booster heater hysteresis.	R/W	2~40°C, step: 1°C 2°C		
9.1	[7-02]	How many leaving water temperature zones are there?	R/W	0: 1 LWT zone 1: 2 LWT zones		
9.1	[7-03]	--		2.5		
9.1	[7-04]	--		0		
9.1	[7-05]	Boiler efficiency	R/W	0: Very high 1: High 2: Medium 3: Low 4: Very low		
9.1	[7-06]	HP Forced OFF	R/W	0: Disabled 1: Enabled		
9.1	[7-07]	BBR16 activation	R/W	0: Disabled 1: Enabled		
9.1	[8-00]	Minimum running time for domestic hot water operation.	R/O	1		
9.1	[8-01]	Maximum running time for domestic hot water operation.	R/W	5~95 min, step: 5 min 30 min		
9.1	[8-02]	Anti-recycling time.	R/W	0~10 hour, step: 0.5 hour 3 hour		
9.1	[8-03]	Booster heater delay timer.	R/W	20~95 min, step: 5 min 50 min		
9.1	[8-04]	Additional running time for the maximum running time.	R/W	0~95 min, step: 5 min 95 min		
9.1	[8-05]	Allow modulation of the LWT to control the room temp?	R/W	0: No 1: Yes		
9.1	[8-06]	Leaving water temperature maximum modulation.	R/W	0~10°C, step: 1°C 5°C		
9.1	[8-07]	What is the desired comfort main LWT in cooling?	R/W	[9-03]~[9-02], step: 1°C 18°C		
9.1	[8-08]	What is the desired eco main LWT in cooling?	R/W	[9-03]~[9-02], step: 1°C 20°C		
9.1	[8-09]	What is the desired comfort main LWT in heating?	R/W	[9-01]~[9-00], step: 1°C 35°C		
9.1	[8-0A]	What is the desired eco main LWT in heating?	R/W	[9-01]~[9-00], step: 1°C 33°C		
9.1	[8-0B]	--		13		
9.1	[8-0C]	--		10		
9.1	[8-0D]	--		16		
9.1	[9-00]	What is the maximum desired LWT for main zone in heating?	R/W	[2-0C]=2: 37~60, step: 1°C 60°C [2-0C]≠2: 37~55, step: 1°C 55°C		
9.1	[9-01]	What is the minimum desired LWT for main zone in heating?	R/W	15~37°C, step: 1°C 25°C		
9.1	[9-02]	What is the maximum desired LWT for main zone in cooling?	R/W	18~22°C, step: 1°C 22°C		
9.1	[9-03]	What is the minimum desired LWT for main zone in cooling?	R/W	5~18°C, step: 1°C 7°C		
9.1	[9-04]	Leaving water temperature overshoot temperature.	R/W	1~4°C, step: 1°C 4°C		
9.1	[9-05]	What is the minimum desired LWT for add. zone in heating?	R/W	15~37°C, step: 1°C 25°C		
9.1	[9-06]	What is the maximum desired LWT for add. zone in heating?	R/W	[2-0D]=2: 37~60, step: 1°C 60°C [2-0D]≠2: 37~55, step: 1°C 55°C		
9.1	[9-07]	What is the minimum desired LWT for add. zone in cooling?	R/W	5~18°C, step: 1°C 7°C		
9.1	[9-08]	What is the maximum desired LWT for add. zone in cooling?	R/W	18~22°C, step: 1°C 22°C		
9.1	[9-09]	What is the allowed undershoot in cooling?	R/W	1~18°C, step: 1°C 18°C		
9.1	[9-0A]	What is the room buffering temperature in heating?	R/W	[3-07]~[3-06]°C, step: 0.5°C 23°C		
9.1	[9-0B]	What is the room buffering temperature in Cooling?	R/W	[3-09]~[3-08]°C, step: 0.5°C 23°C		
9.1	[9-0C]	Room temperature hysteresis.	R/W	1~6°C, step: 0.5°C 1°C		
9.1	[9-0D]	Pump speed limitation	R/W	0~8, step:1 0: No limitation 1~4: 80~50% 5~8: 80~50% during sampling 6		
9.1	[9-0E]	--		6		
9.1	[C-00]	Domestic heating water priority.	R/O	1		
9.1	[C-01]	--		0		

Field settings table					Installer setting at variance with default value	
Breadcrumb	Field code	Setting name		Range, step Default value	Date	Value
9.1	[C-02]	Is an external backup heat source connected?	R/W	0: No 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 3°C		
9.1	[C-05]	What is the thermo request contact type for the main zone?	R/W	0: - 1: 1 contact 2: 2 contacts		
9.1	[C-06]	What is the thermo request contact type for the add. zone?	R/W	0: - 1: 1 contact 2: 2 contacts		
9.1	[C-07]	What is the unit control method in space operation?	R/W	0: LWT control 1: Ext RT control 2: RT control		
9.1	[C-08]	Which type of external sensor is installed?	R/W	0: No 1: Outdoor sensor 2: Room sensor		
9.1	[C-09]	What is the required alarm output contact type?	R/W	0: Normally open 1: Normally closed		
9.1	[C-0A]	--		0		
9.1	[C-0B]	--		0		
9.1	[C-0C]	--		0		
9.1	[C-0D]	--		0		
9.1	[C-0E]	--		0		
9.1	[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		
9.1	[D-01]	Contact type of preferential kWh rate PS installation?	R/W	0: No 1: Active open 2: Active closed 3: Smart grid		
9.1	[D-02]	Which type of DHW pump is installed?	R/W	0: No 1: Secondary rtn 2: Disinf. Shunt 3: Circulation Pump 4: Circulation Pump and disinf. Shunt		
9.1	[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		
9.1	[D-04]	Is a demand PCB connected?	R/W	0: No 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 1: As normal		
9.1	[D-07]	Is a solar kit connected?	R/W	0: No 1: Yes		
9.1	[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		
9.1	[D-09]	Is an external kWh meter used for power measurement, kWh meter used for smart grid or a gas meter for hybrid unit?	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) 8: 1 pulse/m ³ (gas meter) 9: 10 pulses/m ³ (gas meter) 10: 100 pulses/m ³ (gas meter)		
9.1	[D-0B]	--		2		
9.1	[D-0C]	--		0		
9.1	[D-0D]	--		0		
9.1	[D-0E]	--		0		
9.1	[E-00]	Which type of unit is installed?	R/O	0~5 1: Mini chiller		
9.1	[E-01]	Which type of compressor is installed?	R/O	1		
9.1	[E-02]	What is the indoor unit software type?	R/W (*2) R/O (*1)	0: Reversible (*2) 1: Cooling only (*1)		
9.1	[E-03]	What is the number of backup heater steps?	R/W	0: no BUH 1: External BUH		
9.1	[E-04]	Is the power saving function available on the outdoor unit?	R/O	0: No 1: Yes		
9.1	[E-05]	Can the system prepare domestic hot water?	R/W	0: No 1: Yes		
9.1	[E-06]	Is a DHW tank installed in the system?	R/O	0: No 1: Yes		
9.1	[E-07]	What kind of DHW tank is installed?	R/W	0~6 1: EKHWP 5: EKHWP		
9.1	[E-08]	Power saving function for outdoor unit.	R/W	0: Disabled 1: Enabled		
9.1	[E-09]	--		1		
9.1	[E-0B]	Is a bi-zone kit installed?		0		
9.1	[E-0C]	--		0		
9.1	[E-0D]	Is glycol present in the system?	R/W	0: No 1: Yes		
9.1	[E-0E]	--		0		
9.1	[F-00]	Pump operation allowed outside range.	R/W	0: Disabled 1: Enabled		
9.1	[F-01]	Above which outdoor temperature is cooling allowed?	R/W	10~35°C, step: 1°C 20°C		
9.1	[F-02]	Bottom plate heater ON temperature.	R/W	3~10°C, step: 1°C 3°C		
9.1	[F-03]	Bottom plate heater hysteresis.	R/W	2~5°C, step: 1°C 5°C		
9.1	[F-04]	Is a bottom plate heater connected?	R/O	0		

(*1) EWAA*

(*2) EWYA*

(#) 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
9.1	[F-05]	--		0		
9.1	[F-09]	Pump operation during flow abnormality.	R/W	0: Disabled 1: Enabled		
9.1	[F-0A]	--		0		
9.1	[F-0B]	--		0		
9.1	[F-0C]	--		1		
9.1	[F-0D]	What is the pump operation mode?	R/W	0: Continuous 1: Sample 2: Request		