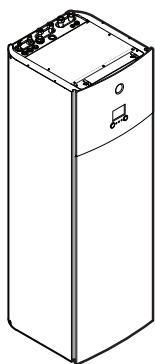


Field settings table

X Series - Tank (180l/230l)



CHVX07S18A▲4V▼
CHVX07S23A▲4V▼

CHVX07S18A▲9W▼
CHVX07S23A▲9W▼

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

Field settings table

Applicable indoor units

CHVX07S18A▲4V▼

CHVX07S23A▲4V▼

CHVX07S18A▲9W▼

CHVX07S23A▲9W▼

Notes

(*1) *4V*

(*2) *9W*

(*3) *18*

(*4) *23*

▲ = A, B, C, ..., Z

▼ = , , 1, 2, 3, ..., 9

4P855577-1 – 2026.09

Bread-crumbs	Code	Setting name	R/W	Range / step / default value ⁽¹⁾	Changed on	Changed 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 (continued)						
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		
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: 37~70, step: 1°C 70°C [2-0C]≠2: 37~55, step: 1°C 55°C		

⁽¹⁾ Default values are displayed in **bold**.

Bread-crumbs	Code	Setting name	R/W	Range / step / default value ⁽¹⁾	Changed on	Changed value
2.8.3	[9-03]	Cooling minimum	R/O	5~18°C, step: 1°C 18°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: MMI requests (incl. quick logic) 1: 1 contact 2: 2 contacts		
└	Delta T					
2.B.1	[1-0B]	Delta T heating	R/W	[2-0C]≠2 (Radiator): 3~12°C, step: 1°C 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		
Space heating / cooling						
└	Operation range					
4.3.1	[4-02]	Space heating OFF temp	R/W	14~35°C, step: 1°C 25°C		
4.3.2	[F-01]	Space cooling OFF temp	R/W	10~35°C, step: 1°C 20°C		
Space heating / cooling (continued)						
4.5	[F-0D]	Pump operation mode	R/W	0: Continuous 1: Sample 2: Request		
4.6	[E-02]	Unit type	R/W	0: Reversible 1: Heating only		
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 during sampling		
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]	Room frost protection	R/W	0: Disabled 1: Enabled		
Tank						
5.2	[6-0A]	Comfort setpoint	R/W	30~[6-0E]°C, step: 1°C 60°C		
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 1: Reheat + sched. 2: Scheduled only		
└	Disinfection					

⁽¹⁾ Default values are displayed in **bold**.

Bread-crumbs	Code	Setting name	R/W	Range / step / default value ⁽¹⁾	Changed on	Changed value
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		
5.7.5	[2-04]	Duration	R/W	40~60 min, step: 5 min 40 min		
Tank (continued)						
5.8	[6-0E]	Maximum	R/W	40~65°C, step: 1°C 65°C		
5.9	[6-00]	Hysteresis	R/W	2~40°C, step: 1°C 8°C		
5.A	[6-08]	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	45~[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 (continued)						
5.D	[6-01]	Margin	R/W	0~10°C, step: 1°C 0°C		
5.F		Priority Schedule	R/W	DHW AC		
5.G	[A-01]	Operation mode	R/W	0: Efficient 1: Quick		
5.H	[8-03]	Quick mode timer	R/W	Turbo Normal Economic		
User settings						
└	Quiet					
7.4.1		Activation	R/W	0: OFF 1: Manual 2: Automatic		
7.4.3		Level	R/W	0: Quiet (preset not supported on this model) 1: More Quiet 2: Most Quiet		
Installer settings						
└	Configuration wizard					
	└	System				
9.1.3.2	[E-03]	BUH type	R/O	3: 4V (*1) 4: 9W (*2)		
9.1.3.3	[E-05] [E-06] [E-07]	Domestic hot water	R/O	Integrated		

⁽¹⁾ Default values are displayed in **bold**.

Bread-crumbs	Code	Setting name	R/W	Range / step / default value ⁽¹⁾	Changed on	Changed value
9.1.3.4	[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		
9.1.3.6	[E-0D]	Glycol filled system	R/O	0: No 1: Yes		
	└	Backup heater				
9.1.4.1	[5-0D]	Voltage	R/W	0: 230 V, 1~ (*1) 1: 230 V, 3~ (*1) 2: 400 V, 3~ (*2)		
9.1.4.2	[4-0A]	Configuration	R/W	0: 1 1: 1/1+2 2: 1/2 3: 1/2 + 1/1+2 in emergency		
9.1.4.3	[6-03]	Capacity step 1	R/W	0~31.5 kW, step: 0,5 kW 1.5 kW (*1) 3 kW (*2)		
9.1.4.4	[6-04]	Additional capacity step 2	R/W	0~31.5 kW, step: 0,5 kW 3 kW (*1) 6 kW (*2)		
	└	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: LWT control 1: Ext RT control 2: RT control		
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		
	└	Tank				
9.1.B.1	[6-0D]	Heat up mode	R/W	0: Reheat only 1: Reheat + sched. 2: Scheduled only		
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		

⁽¹⁾ Default values are displayed in **bold**.

Bread-crumbs	Code	Setting name	R/W	Range / step / default value ⁽¹⁾	Changed on	Changed value
9.1.B.4	[6-0C]	Reheat setpoint	R/W	30~min(50, [6-0E])°C, step: 1°C 45°C		
9.1.B.6	[6-08]	Reheat hysteresis	R/W	2~20°C, step: 1°C 10°C		
└	Domestic hot water					
9.2.1	[E-05] [E-06] [E-07]	Domestic hot water	R/O	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		
└	Back up heater					
9.3.1	[E-03]	BUH type	R/W	3: 4V (*1) 4: 9W (*2)		
9.3.2	[5-0D]	Voltage	R/W	0: 230 V, 1~ (*1) 1: 230 V, 3~ (*1) 2: 400 V, 3~ (*2)		
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	0~31.5 kW, step: 0,5 kW 1.5 kW (*1) 3 kW (*2)		
9.3.5	[6-04]	Additional capacity step 2	R/W	0~31.5 kW, step: 0,5 kW 3 kW (*1) 6 kW (*2)		
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: Disabled 1: Enabled 2: Only DHW		
9.3.C	[0-09]	SH heater take-over during AC operation	R/W	0: Not allowed 1: Allowed		
└	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]	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		
9.6.4	[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/O	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 (continued)						
9.7	[4-04]	Water pipe freeze prevention	R/O	0: Continuous pump operation 1: Non continuous pump operation 2: OFF		
9.A.1	[D-08]	--		0		
└	Sensors					

⁽¹⁾ Default values are displayed in **bold**.

Bread-crumbs	Code	Setting name	R/W	Range / step / default value ⁽¹⁾	Changed on	Changed value
9.B.1	[C-08]	External sensor	R/W	0: No 1: Outdoor sensor (not applicable) 2: Room sensor		
9.B.2	[2-0B]	Ext. amb. sensor offset	R/O	-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		
Installer settings (continued)						
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]	--		25		
9.I	[0-09]	SH heater take-over during AC operation	R/W	0: Not allowed 1: Allowed		
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 60°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	[1-06]	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		

⁽¹⁾ Default values are displayed in **bold**.

Bread-crumbs	Code	Setting name	R/W	Range / step / default value ⁽¹⁾	Changed on	Changed value
9.1	[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		
9.1	[1-0B]	What is the desired delta T in heating for the main zone?	R/W	[2-0C]≠2 (Radiator): 3~12°C, step: 1°C 5°C [2-0C]=2 (Radiator): 10°C		
9.1	[1-0D]	What is the desired delta T in cooling for the main zone?	R/W	3~10°C, step: 1°C 5°C		
9.1	[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		
9.1	[2-01]	Should the disinfection function be executed?	R/W	0: No 1: Yes		
9.1	[2-02]	When should the disinfection function start?	R/W	0~23 hour, step: 1 hour 1		
9.1	[2-03]	What is the disinfection target temperature?	R/W	60°C		
9.1	[2-04]	How long must the tank temperature be maintained?	R/W	40~60 min, step: 5 min 40 min		
9.1	[2-05]	Room antifrost temperature	R/W	4~16°C, step: 1°C 8°C		
9.1	[2-06]	Room frost protection	R/W	0: Disabled 1: Enabled		
9.1	[2-07]	Secondary pump	R/W	0: No 1: Yes		
9.1	[2-08]	--		0		
9.1	[2-09]	Adjust the offset on the measured room temperature	R/W	-5~5°C, step: 0,5°C 0°C		
9.1	[2-0A]	Adjust the offset on the measured room temperature	R/W	-5~5°C, step: 0,5°C 0°C		
9.1	[2-0B]	What is the required offset on the measured outdoor temp.?	R/O	-5~5°C, step: 0,5°C 0°C		
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	[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		

⁽¹⁾ Default values are displayed in **bold**.

Bread-crum	Code	Setting name	R/W	Range / step / default value ⁽¹⁾	Changed on	Changed value
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: 1°C 15°C		
9.I	[3-0A]	What is the pump model?	R/W	0: Pump model 0 1: Pump model 1		
9.I	[3-0B]	--		1		
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	[3-0E]	--		5		
9.I	[4-00]	What is the BUH operation mode?	R/W	0: Disabled 1: Enabled 2: Only DHW		
9.I	[4-02]	Below which outdoor temperature is heating allowed?	R/W	14~35°C, step: 1°C 25°C		
9.I	[4-04]	Water pipe freeze prevention	R/O	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(normal SH/DHW ON) 2: Auto red SH/DHW ON 3: Auto red SH/DHW OFF 4: SH ON/DHW OFF		
9.I	[4-08]	--		0		
9.I	[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.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]	--		10		
9.I	[5-0D]	Backup heater voltage	R/W	0: 230 V, 1~ (*1) 1: 230 V, 3~ (*1) 2: 400 V, 3~ (*2)		
9.I	[5-0E]	BUH DHW thermo ON delay	R/W	0: Disable 1: Enable (variable delay HP dependent) 2: Enable (fixed delay HP dependent)		
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 0°C		
9.I	[6-03]	What is the capacity of the backup heater step 1?	R/W	0~31.5 kW, step: 0,5 kW 1.5 kW (*1) 3 kW (*2)		

⁽¹⁾ Default values are displayed in **bold**.

Bread-crumbs	Code	Setting name	R/W	Range / step / default value ⁽¹⁾	Changed on	Changed value
9.1	[6-04]	What is the capacity of the backup heater step 2?	R/W	0~31.5 kW, step: 0,5 kW 3 kW (*1) 6 kW (*2)		
9.1	[6-07]	--		0		
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 60°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	40~65°C, step: 1°C 65°C		
9.1	[7-03]	--		2,5		
9.1	[7-04]	--		0		
9.1	[7-06]	Compressor forced off	R/W	0: Disabled 1: Enabled		
9.1	[7-08]	Different DHW hysteresis based on low/high DHW consumption (only applicable for Reheat only mode)	R/W	0: Disabled 1: Enabled		
9.1	[7-09]	What is the minimum pump speed during space and domestic hot water operation?	R/W	20~95%, step: 5% 20%		
9.1	[7-0B]	Main zone fixed pump PWM, in case a bizon kit is installed.	R/W	20~95%, step: 5% 95%		
9.1	[7-0C]	Time needed by the mixing valve to turn from one side to the other, in case a bizon kit is installed.	R/W	20~300 seconds, step: 5 sec 125 seconds		
9.1	[7-0D]	--		4		
9.1	[7-0E]	--		7		
9.1	[8-00]	Minimum running time for domestic hot water operation.	R/O	0~20 min, step: 1 min 1 min		
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 0,5 hour		
9.1	[8-03]	Quick mode timer	R/W	Turbo Normal Economic		
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		

⁽¹⁾ Default values are displayed in **bold**.

Bread-crumbs	Code	Setting name	R/W	Range / step / default value ⁽¹⁾	Changed on	Changed value
9.l	[8-08]	What is the desired eco main LWT in cooling?	R/W	[9-03]~[9-02], step: 1°C 20°C		
9.l	[8-09]	What is the desired comfort main LWT in heating?	R/W	[9-01]~[9-00], step: 1°C 35°C		
9.l	[8-0A]	What is the desired eco main LWT in heating?	R/W	[9-01]~[9-00], step: 1°C 33°C		
9.l	[8-0B]	--		13		
9.l	[8-0C]	--		10		
9.l	[8-0D]	--		16		
9.l	[9-00]	What is the maximum desired LWT for main zone in heating?	R/W	[2-0C]=2: 37~70, step: 1°C 70°C [2-0C]≠2: 37~55, step: 1°C 55°C		
9.l	[9-01]	What is the minimum desired LWT for main zone in heating?	R/W	15~37°C, step: 1°C 25°C		
9.l	[9-02]	What is the maximum desired LWT for main zone in cooling?	R/W	18~22°C, step: 1°C 22°C		
9.l	[9-03]	What is the minimum desired LWT for main zone in cooling?	R/O	5~18°C, step: 1°C 18°C		
9.l	[9-04]	Leaving water temperature overshoot temperature.	R/W	1~4°C, step: 1°C 2°C		
9.l	[9-09]	What is the allowed undershoot in cooling?	R/W	1~18°C, step: 1°C 18°C		
9.l	[9-0C]	Room temperature hysteresis.	R/W	1~6°C, step: 0,5°C 1°C		
9.l	[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 during sampling		
9.l	[9-0E]	--		6		
9.l	[C-01]	--		0		
9.l	[C-05]	What is the thermo request contact type for the main zone?	R/W	0: MMI requests (incl. quick logic) 1: 1 contact 2: 2 contacts		
9.l	[C-07]	What is the unit control method in space operation?	R/W	0: LWT control 1: Ext RT control 2: RT control		
9.l	[C-08]	Which type of external sensor is installed?	R/W	0: No 1: Outdoor sensor (not applicable) 2: Room sensor		
9.l	[C-09]	What is the required alarm output contact type?	R/W	0: Normally open 1: Normally closed		
9.l	[C-0A]	--		0		
9.l	[C-0B]	--		0		
9.l	[C-0C]	--		0		
9.l	[C-0D]	--		0		
9.l	[C-0E]	--		0		

⁽¹⁾ Default values are displayed in **bold**.

Bread-crumbs	Code	Setting name	R/W	Range / step / default value ⁽¹⁾	Changed on	Changed value
9.1	[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		
9.1	[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]	--		0		
9.1	[D-05]	--		1		
9.1	[D-08]	--		0		
9.1	[D-0A]	--		0		
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 0: LT split		
9.1	[E-01]	Which type of compressor is installed?	R/O	0		
9.1	[E-02]	What is the indoor unit software type?	R/W	0: Reversible 1: Heating only		
9.1	[E-03]	What is the number of backup heater steps?	R/W	3: 4V (*1) 4: 9W (*2)		
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/O	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/O	Integrated		
9.1	[E-08]	Power saving function for outdoor unit.	R/W	0: Disabled 1: Enabled		
9.1	[E-09]	--		1		
9.1	[E-0A]	Tank volume	R/O	180 (*3) 230 (*4)		
9.1	[E-0B]	Is a bizon kit installed?	R/W	0: Not installed 1: - 2: Bizon kit installed		
9.1	[E-0C]	What bizon 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		
9.1	[E-0D]	Is glycol present in the system?	R/O	0: No 1: Yes		
9.1	[E-0E]	--		0		

⁽¹⁾ Default values are displayed in **bold**.

Bread-crumbs	Code	Setting name	R/W	Range / step / default value ⁽¹⁾	Changed on	Changed value
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]	--		3~10°C, step: 1°C 3°C		
9.I	[F-03]	--		2~5°C, step: 1°C 5°C		
9.I	[F-04]	--		0		
9.I	[F-05]	--		0		
9.I	[F-06]	--		0		
9.I	[F-07]	--		0		
9.I	[F-08]	--		0		
9.I	[F-09]	Pump operation during flow abnormality.	R/W	0: Disabled 1: Enabled		
9.I	[F-0A]	--		0		
9.I	[F-0B]	--		0		
9.I	[F-0C]	--		1		
9.I	[F-0D]	What is the pump operation mode?	R/W	0: Continuous 1: Sample 2: Request		
9.I	[F-0E]	--	R/W	20		
Bizone kit settings						
9.P.1	[E-0B]	Bizone kit installed	R/W	0: Not installed 1: - 2: Bizone kit installed		
9.P.2	[E-0C]	Bizone 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.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		
9.S	[2-07]	Secondary pump	R/W	0: No 1: Yes		

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