

Informazioni dati solo in Inglese

Unit set read command

Register Iddress	Data content	Remarks	S
		BIT15	Reserved
		BIT14	Reserved
		BIT13	Reserved
		BIT12	Reserved
		BIT11	Reserved
		BIT10	Reserved
		BIT9	Reserved
		BIT8	Reserved
0	Power on/off	BIT7	Reserved
-		BIT6	Reserved
		BIT5	Reserved
		BIT4	Reserved
		BIT3	Reserved
		BIT2	Reserved
		BIT1	Reserved
			0: power off;
		BIT0	1: power on.
1	Setting mode	1:invalid	; 2:hybird 3: e-heater 4:vacation
2	Setting the temperature Ts		ange 100-158°F ue = actual value Reserved
		BIT 15	
		BIT13	Reserved Reserved
		BIT13	Reserved
		BIT11	Reserved
		BIT10	Reserved
		BIT10	Reserved
		BIT8	Reserved
		BIT7	Reserved
3	Comand Functions	BIT6	Fahrenheit or Celsius Enable 0 = Celsius Enable 1 = Fahrenheit Enable
		BIT5	Force disinfect function(0 = OFF 1 = ON)
		BIT4	Remoter ONOFF (0 = OFF 1 = ON)
		ВІТ3	Remoter OnOff signal (0 = OFF 1 = ON) 0 = panel's onoff signal check can work 1 = panel's onoff signal check can't work
		BIT2	SG Command (same of digital input)
		BIT1	EVU command (same of digital input)
		віто	Solar signal (control Bit 1 and 2) 0 = solar panel can work 1 = solar panel can't work
4	hour		Decimal
-			



Data content	Remarks	
Operating mode	1:(invalid) 2:hybird, 3: e-heater, 4:vacation	
T5U temperature	Water temperature in upper position of water tank, unit: °C. Send value = actual value*2+30 unit: °F. Send value = actual value	°C
T5L temperature	Water temperature in lower position of water tank, unit: °C. Send value = actual value*2+30 unit: °F. Send value = actual value	°C
T3 temperature	Condenser temperature unit°C. Send value = actual value*2+30 unit: °F. Send value = actual value	°C
T4 temperature	Outdoor ambient temperature, : °C. Send value = actual value*2+30 unit: °F. Send value = actual value	°C
Tp Exhaust gas temperature	Compressor exhaust temperature Tp, unit°C. Send value = actual value unit: °F. Send value = actual value	°C
Th temperature	Suction Temp Th, unit: °C. Send value = actual value*2+30 unit: °F. Send value = actual value	°C
PMV opening value	External electronic expansion opening valve, unit: P. Send value = actual value	step
Compressor current	Input AC current Send value = actual value	А
Load output	BIT14 Reserved BIT13 Reserved BIT12 Reserved BIT11 Reserved BIT10 Reserved BIT9 Reserved BIT9 Reserved BIT7 Alarm On (0 = OFF 1 = ON) BIT6 Solar panel water pump On (0 = OFF 1 = ON) BIT5 Fan speed: High (0 = OFF 1 = ON) BIT4 Fan speed: Medium (0 = OFF 1 = ON) BIT5 Fan speed: Low (0 = OFF 1 = ON)	
	Operating mode T5U temperature T3 temperature T4 temperature Tp Exhaust gas temperature Th temperature PMV opening value Compressor current	Operating mode 1:(invalid) 2:hybird, 3: e-heater, 4:vacation Water temperature in upper position of water tank, unit: "C. Send value = actual value"2+30 unit: "F. Send value = actual value Water temperature in lower position of water tank, unit: "C. Send value = actual value"2+30 unit: "C. Send value = actual value"2+30 unit: "F. Send value = actual value"2+30 unit: "C. Send value = actual value"2+30 unit: "C. Send value = actual value"2+30 unit: "C. Send value = actual value"2+30 unit: "F. Send value = actual value Outdoor ambient temperature, ': "C. Send value = actual value Unit: "F. Send value = actual value Compressor exhaust temperature Tp, unit: "C. Send value = actual value Unit: "F. Send value = actual value Suction Temp Th, unit: "C. Send value = actual value Unit: "F. Send value = actual value Suction Temp Th, unit: "C. Send value = actual value External electronic expansion opening valve, unit: P. Send value = actual value External electronic expansion opening valve, unit: P. Send value = actual value BiT15 Reserved BiT11 Reserved BiT3 Alam On (0 = OFF 1 = ON) BiT6 Solar panel water pump On (0 = OFF 1 = ON) BiT6 Solar panel water pump On (0 = OFF 1 = ON) BiT6 Fan speed: High (0 = OFF 1 = ON) BiT7 Fan speed: High (0 = OFF 1 = ON) BiT6 Fan speed: High (0 = OFF 1 = ON)



1-19	Register address	Data content	Remarks		
39-57 H0-H9,HA,Hb,HC,Hd,HE,HF,HH,HL,HP		Error Protect Code	1~19 E0~E9,EA,Eb,EC,Ed,EE,EF,EH,EL,EP		
Error Protect Code			20~38 P0~P9,PA,Pb,PC,Pd,PE,PF,PH,PL,PP		
S8-76 C0-C9,CA,Cb,CC,Cd,CE,CF,CH,CL,CP			39~57 H0~H9,HA,Hb,HC,Hd,HE,HF,HH,HL,HP		
111 Maximum of Ts	110		58~76 C0~C9,CA,Cb,CC,Cd,CE,CF,CH,CL,CP		
Maximum of Ts			77~95 L0~L9,LA,Lb,LC,Ld,LE,LF,LH,LL,LP		
Maximum of is Send value = actual value			96~114 b0~b9,bA,bb,bC,bd,bE,bF,bH,bL,bP		
Display temperature Tx unit: °C. Send value = actual value unit: °F. Send value = actual value 114 Remaining hot water Segment: 0-4 (Reserved) BIT15 BIT14 BIT13 BIT12 BIT11 BIT10 BIT19 BIT2 BIT3 BIT4 BIT5 BIT6 BIT7 Compressor running time Compressor running time Compressor running time Compressor running time (1 = active) 10 Wire controller firmware version 110 Wire controller firmware version 1110 Wire controller firmware version are actual value version serial number of the hydraulic module version.	111	Maximum of Ts	nit: °C./ °F		
Send value = actual value Send value = actual value	112	Minimum of Ts			
BIT15 BIT14 BIT13 BIT12 BIT11 BIT10 BIT9 BIT8 BIT6 BIT7 BIT6 BIT5 BIT6 BIT5 BIT6 BIT5 BIT6 BIT5 BIT4 BIT5 BIT6 BIT5 BIT4 BIT3 Wifi Connection Status (1 Connect 0 No Connect) BIT2 Defrost (1 = active) BIT1 Solar kit on/off BIT0 Vacation mode (1 = active) BIT1 Solar kit on/off BIT0 Vacation mode (1 = active) Compressor running time Compressor r	113	Display temperature Tx	nit: °F.		
BIT14	114	Remaining hot water	Segment:0~4 (Reserved)		
Compressor running time Compressor running time, unit: sec, send value = actual value 117 Model 1-2 means the size of unit (1=190,2=300) 118 Main PCB firmware version 1~99 Indicates machine version, which refers to the serial number of the hydraulic module version.	115	Auxiliary Status bit: 1	BIT14 BIT13 BIT12 BIT11 BIT10 BIT9 BIT8 BIT7 BIT6 BIT5 BIT4 BIT3 Wifi Connection Status (1 Connect 0 No Connect) BIT2 Defrost (1 = active) BIT1 Solar kit on/off		
117 Model 1-2 means the size of unit (1=190,2=300) 118 Main PCB firmware version 1-99 Indicates machine version, which refers to the serial number of the hydraulic module version. 119 Wire controller firmware ver-	116	Compressor running time	,		
118 Main PCB firmware version 1~99 Indicates machine version, which refers to the serial number of the hydraulic module version. 1.~99 Indicates machine version, which refers to the serial number of the hydraulic module version.					
Wire controller firmware ver-			1~99 Indicates machine version, which refers to the serial number of the hydrau-		
	119				



Unit operation status inquiry

Register address	Data content	Remarks	
100	Operating mode	1:(reserved) 2:hybird 3: e-heater 4:vacation	
101	T5U temperature	Water temperature in upper position of water tank, unit: °C. Send value = actual value*2+30 unit: °F. Send value = actual value	°C
102	T5L temperature	Water temperature in lower position of water tank, unit: °C. Send value = actual value*2+30 unit: °F. Send value = actual value	°C
103	T3 temperature	Condenser temperature unit°C. Send value = actual value*2+30 unit: °F. Send value = actual value	°C
104	T4 temperature	Outdoor ambient temperature, : °C. Send value = actual value*2+30 unit: °F. Send value = actual value	°C
105	Tp Exhaust gas temperature	Compressor exhaust temperature Tp, unit°C. Send value = actual value unit: °F. Send value = actual value	°C
106	Th temperature	Suction Temp Th, unit: °C. Send value = actual value*2+30 unit: °F. Send value = actual value	°C
107	PMV opening value	External electronic expansion opening valve, unit: P. Send value = actual value	step
108	Compressor current	Input AC current Send value = actual value	A
		BIT15 Reserved BIT14 Reserved BIT13 Reserved BIT12 Reserved	
		BIT11 Reserved BIT10 Reserved BIT9 Reserved	
109	Load output	BIT8 Reserved BIT7 Alarm On (0 = OFF 1 = ON) BIT6 Solar panel water pump On (0 = OFF 1 = ON) BIT5 Fan speed: High (0 = OFF 1 = ON) BIT4 Fan speed: Medium (0 = OFF 1 = ON)	
		BIT3 Fan speed: Medium (0 = OFF 1 = ON) BIT2 4 way valve (0 = OFF 1 = ON) BIT1 Electric heater (0 = OFF 1 = ON) BIT0 Compressor (0 = OFF 1 = ON)	





Register address	degister ddress Data content Remarks				
	Error Protect Code	1~19	E0~E9,EA,Eb,EC,Ed,EE,EF,EH,EL,EP		
		20~38	P0~P9,PA,Pb,PC,Pd,PE,PF,PH,PL,PP		
		39~57	H0~H9,HA,Hb,HC,Hd,HE,HF,HH,HL,HP		
110		58~76	C0~C9,CA,Cb,CC,Cd,CE,CF,CH,CL,CP		
		77~95	L0~L9,LA,Lb,LC,Ld,LE,LF,LH,LL,LP		
		96~114	b0~b9,bA,bb,bC,bd,bE,bF,bH,bL,bP		
111	Maximum of Ts	unit: °C./ °I Send value	nit: °C./ °F end value = actual value		
112	Minimum of Ts		unit: °C. / °F Send value = actual value		
113	Display temperature Tx	unit: °C. Send value unit: °F.	e = actual value*2+30		
			e = actual value		
114	Remaining hot water	Segment:0	Segment:0~4 (Reserved)		
		BIT15			
		BIT14			
		BIT13			
		BIT12			
		BIT11			
		BIT10			
	Auxiliary Status bit: 1	ВІТ9			
445		BIT8			
115		BIT7			
		віт6			
		BIT5			
		BIT4			
		вітз	Wifi Connection Status (1 Connect 0 No Connect)		
		BIT2	Defrost (1 = active)		
		BIT1	Solar kit on/off		
		віто	Vacation mode (1 = active)		
116	Compressor running time	Compressor running time, unit: sec, send value = actual value			
117	Model	1-2 means	1-2 means the size of unit (1=190,2=300)		
118	Main PCB firmware version	1~99 Indicates machine version, which refers to the serial number of the hydraulic module version.			
119	Wire controller firmware version)		1~99 indicates the wire controller version serial number.		