智能温控 节能实用	 4.通过△键直到看见"CP"轻按"S"按键查看回差温度并设置为2℃ 5.所有设置完成按后"R"退出设置并保存 *设置举例(制冷模式1℃⁵5℃,首先设置停止温度为1℃,再设置模式为制冷,再设置回差为4,《1+4=5》) 1.在正常上电显示当前温度界面下,轻按"S"按键并设置温度为1℃ 2.长按"S"≥3秒进入界面显示"HC"松开 3.显示"HC"就是模式代码请参考代码表格,此时"S"按键进入模式选项再按键通过△▽按键成制冷模式"C"完成后按"S"确认 4.通过△键直到看见"CP"轻按"S"按键查看回差温度并设置为4℃ 5.所有设置完成按后"R"退出设置并保存 注:LA最低下限和 HA最高上限非控制温度参数调节只是显示停止 温度的改动范围。
面板示意图:	注: LA最低下限和HA最高上限非控制温度参数调节,若更改则缩小
环境温度 设定键	控制温度范围。 恢复出厂值:按住R键持续3秒显示闪烁5次后,此时用户所有 已设参数将恢复出厂默认值。
加热灯 ← Heat ・ Fig键 制冷灯 ← Cool ・ P P P P P P P P P P P P P P P P P P	参数锁定:按▽键持续3秒闪烁显示 "OFF"表示用户已设参数被 锁定,按此方法同样操作闪烁显示 "ON"表示用户已设参数锁定被解 除。(参数锁定后用户只能查看不能修改,但控制温度调节仍有效).
	故障提示: 当传感器短路或检测到环境温度高于温度上限120度时,闪烁显
复位键	当传感盎短路或位测到环境温度高于温度工限120度时,闪烁並示HHH并关闭输出负载;当传感器开路或检测到环境温度低于温度下限-40度时,闪烁显示LLL并关闭输出负载。
菜单代码表:	注意事项:
代码 代码说明 设定范围 出厂值 单位 HC 加热/制冷 H/C H 无	 为防止高频干扰,安装时传感器线不可与电源线和负载设备线捆 绑在一起,需分开独立布线; 供电与主机标注电压须一致,额定电压值偏差不大于±10%。安装
CP 温度回差 1~30 2 °C LA 最低下限设置 -40~控制温度 -40 °C HA 最高上限设置 控制温度~120 120 °C	时严格区分传感器、电源线和负载输出接口; 3. 温控器主机不能安装在有滴水、老人、小孩触手可及的地方; 4. 接线后应检查线路是否正确后在通电,以免不慎烧坏温控器和负
PU 延时启动 0~10 0 分钟 CA 温度校正 -10~10 0 °C	载设备,安装后应用配套的保护后盖遮挡;
操作说明: 1.控制温度设置:正常显示温度的情况下轻按S按键<2秒,此时显示控 制温度,按△键或▽把温度设置到想要的温度(此温度为停止温度)	安装接线图: 安装接线时请确保负载本身工作电压与温控器标注电压属于同 等电压值,否则不能照着此图进行连线。
2.长按S键持续3秒进入菜单代码模式,即显示代码HC。此时按△键或▽ 键可循环选择HC-CP-LA-HA-PU-CA参数的代码,如需进入某项代码中 请按 S键进入当前代码参数,在进入代码参数时按S键退出当前代码,按	电源 NTC 1 2 3 4 5 6
△键或▽键变更所需数值后按 S 保存并退出; *设置举例 (加热模式38℃ [~] 40℃;首先设置停止温度为40℃,再设置模	
式为加热,再设置回差为2,《40-2==38》) 1.在正常上电显示当前温度界面下,轻按"S"按键并设置温度为40℃ 2.再按S≥3秒 进入界面显示"HC"时松开按键。	AC 220V
3. 显示"HC"就是模式代码请参考代码表格,此时"S"按键进入模式选项,通过△▽按键选择加热模式"H"完成后按"S"确认	注意: 当本产品使用12V电源时会增加一个12V电源DC座, 但如果选择3和4接入电源任然要接12V电源.
	1

Intelligent temperature controller, Energy-saving and pr

microcomputer temperature controller 《User manual of MH1230A》

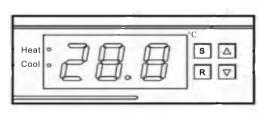
Coser manual of MIR 1230A

Thank you for choosing Shenzhen "MEIHANG TECHNOLOGY" microcomputer temperature cont This product gather a wide range of modern heatin cooling technology, small size, simple operation, accurate measurement and anti-interference abili It suits most users in different environments for au intelligent control system of many kinds of refrigen heating equipment. Refrigeration and heating mode be set through the menu, the procedure has been power outage permanent memory function.

specifications:

- working voltage : See the product information : 2.measurement range:-40°C~120°C; measureme ±0.5°C;
- 3.control range:-40°C~120°C; temperature contro precision: separation rate:0.1°C; slewing range temperature:it could be adjusted in the range of
- 4.temperature sensor:NTC 25°C=10K B3435 ±1% length, no positive or negative);
- 5.output load: normally open 30A/AC220V;
- 6.working environment: temperature:-20°C~70°C
 humidity:90%RH none moisture condensation;
 7.dimension of whole unite:75(W)X34.5(H)X85(W)
- 8.trepanning dimension:71(W)X29(H);

sketch figure:



Operation instruction:

Press " S " button for 3s get into the procedure menu code t display the code "HC".Press " \triangle " or " ∇ " for cyclical selection of p code of "HC-CP-LA-HA-PU-CA". To enter a code, press the "S" press the " \triangle " button or the " ∇ " button to change to the desired of press "S" to save and exit;

Control temperature:press S button(short press less than 2 seconds),the flash ,then press up or down button to the temperature you want Control the temperature set: press "S" button, display blink a the default setting. Press " Δ " or " ∇ " to change the data a automatically. (press on " Δ " or " ∇ " for 2s or more to increase the speed) heating control: when the temperature control mode (co was H, e.g. the setting control temperature is 28°C, slewing temperature (28°C), therelay will switch off and stop the output lot the environment temperature (28°C) range of temperature (2°C) and set "delayed start" before, the switch on and output load again. (if the delayed start function need, set the delayed start (code PU) to 0)

refrigeration control: when the temperature control mode (code i C, e.g. the setting control temperature is 28° , slewing range of te is 2° , when the environment temperature \leq after setting "dela time, the relay will switch on and sart output load.(suggest "dela time to the default setting time to protecting the compressor, plea (code PU) to) if it doesn't need):

cticality	Code	code instruction	setting range	default data	unit	
	HC	heating/refrigeration	H/C	C	/	
	CP	slewing range of temperature	1~30	2	°C	
roller.	LA	floorlevel	temperature control	-40	°C	
g and	HA	uplimit	temperature control~110	120	°C	
0	PU	delayed start	0~10	2	minutes	
ty, etc.	CA	tem. correction	-10~10	0	°C	
tomatic ation, le could set the						
of ~30°C; 1 miter	adjustmo Back to o all paran Paramet were loc paramet	level and HA the up li ent, change will redu default setting: press neters back to defaul er lock: press "▽" fo ked by the user, this er were unlocked by it not change, the fur	ce the temperature the "R" button for 3 t setting; r 3s and blink, displa method is the same the user.(after para	control range. s and display bl ay "OFF", means when display "C meter locking, u	, ink 5 times, s the parameter DN" means the ser could	
	Faulttin	•				
	Fault tip:					
mm;	than the stop the tempera	e sensor short circui upper temperature output load; When th ature is lower than flo .LL and stop the outp	imit of 110degrees, ne sensor works norn oor temperature limit	delink and displ nal and detect t	ay HHH and he environment	
		event high-frequency				
	with the power line and loadedequipment line, but should be separated wiring; 2. Supply voltage must be consistent with the rated voltage and the deviation is less than ± 10%. Strict distinction between sensor installation, power line and					
		output interface;				
		•				
		emperature control h ing water, or the elde			e place where	
	 The wiring should be checked whether the line is correct, to avoid accidentally burn of temperature control host machine and loaded equipment, installed applications supporting protection back cover obscured; 					
node,	Installa	ition wiring diagram:				
arameter button, ata and	Make si	ure to install the load host machine's volta				
screen will						
nd it is and save adjusting de is HC) range of setting ad; when - slewing reply will n doesn't		1 2 The load	Power	supply 4	NTC 5 6	