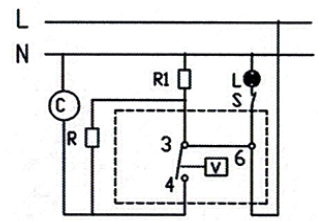


TYPICAL WIRING DIAGRAM



NOTE:
 1. 3-4 Main switch closes on temperature rise
 2. 3-6 Auxiliary switch: Opens in OFF position
 3. C: compressor S: Door switch
 4. L: Lamp R: Defrost heater

Operating Temperature (mmHg)		Warm	Normal	Cold
	SIGNAL IN(°C)	/	/	/
	CUT IN(°C)	/	/	/
	CUT OUT(°C)	/	/	/
	DIFF(°C)	/	/	/
The second testing temp is taken as an accurate value.				
Operating Temperature (760mmHg)		Warm	Normal	Cold
	SIGNAL IN(°C)	/	/	/
	CUT IN(°C)	0±2.0	-7±1.5	/
	CUT OUT(°C)	/	-14±1.5	-18±2.0
	DIFF(°C)	/	/	/
The second testing temp is taken as an accurate value.				
Electrical Ratings	Rated Volts (V)	Power Factor (Cosφ)	AC	
			250	120
	Rated Amperes (A)	1	3-4/3-6	3-4/3-6
	Non-inductive Current		0.5-6	1-10
	Inductive Load	Full Load	0.75	0.5-6
Locked Rotor		0.45	0.5-36	1-40
Insulation Resistance	More than 100MΩ with a DC500V megger			
Dielectric Strength	AC 1500V for one minute			
Kind of charge	Gas(R134a)			
Conditions of Operating Temp.	TS>TB TS: Temperature Around the Main Frame TB: Temperature around the Sensing Element			
Response Characteristic of Sensing Element	Temp. change rate: ≤ 1°C/min			
Max. Temperature	Around the Main Frame: 70°C Around the Sensing Element :80°C			
Life of Contact	200,000 Cycles			
Rotating Moment of Adjusting shaft	COLD — WARMER 0.02-0.35N.m WARMER — OFF less than 0.6N.m			
Remarks :				
1. The length of capillary immersed in the testing medium shall reach more than 150 mm.				
2. The temperature characteristic is under a 760mmHg of atmosphere at 25°C				
3. Thermostat shown in COLD position				
4. The material requests according to the RoHS.				

Edition				Re. Jigger Number	SIGN	DATE	Pressure Thermostat	KPF18K6			
DESIGNED BY				S. B. Chen 18.4.8				Design Mark	Number	Weight(kg)	Proportion
CHECKED BY				W. G. Tan 18.4.9							
INSPECTED BY				G. H. Chen 18.4.9				A			1:1
APPROVED BY				S. H. Sim 18.4.9			WIRING DIAGRAM		FOSHAN TONGBAO HUATONG CONTROLLER CO.,LTD.		