



NOTE:
1. 3-4 Main switchcloses on temperature rise.
2. Compressor

Ⓐ The length of the capillary changed

Operating Temperature (mmHg)	Signal In DN(C) DF(C)	EXTRA COLD	Warm	Normal	Cold
		The second testing temp is taken as an accurate value.			
Operating Temperature (760mmHg)	Signal In DN(C) DF(C)				

Electrical Ratings	Rated Volts (V)		Power Factor (Cosφ)
	Non-inductive Current	Inductive	
Rated Amperes (A)	1	0.75	250
Full Load	0.5-6	0.5-6	3-4
Locked Rotor	0.45	0.5-36	1-10

Insulation Resistance	More than 100MΩ
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 0.02-0.35Nm WARMER — OFF less than 0.6Nm

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.

DESIGNED BY	CHECKED BY	INSPECTED BY	APPROVED BY	Revision Number	SIGN	DATE
S. B. Chen	W. G. Tang	G. H. Chen	L. M. Sun			17.10.27
						17.10.30

Pressure Thermostat

Customer: VETRA	Design Mark	Weight(kg)	Proportion
Customer code:	A		1:1

Tongbao code: KPF7N1

Customer code: FOSHAN TONGBAO HUATONG CONTROLLER CO., LTD.

WIRING DIAGRAM