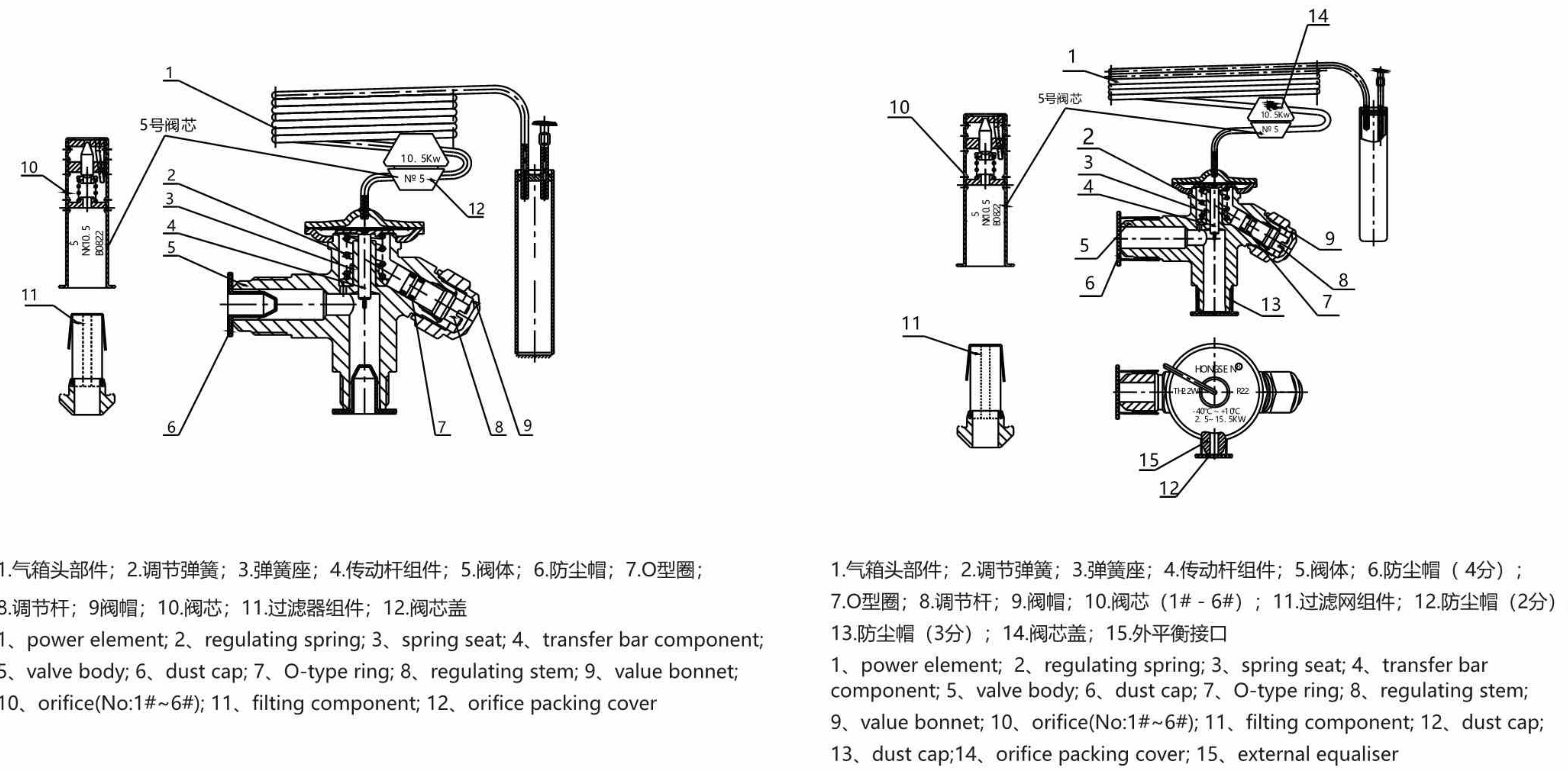


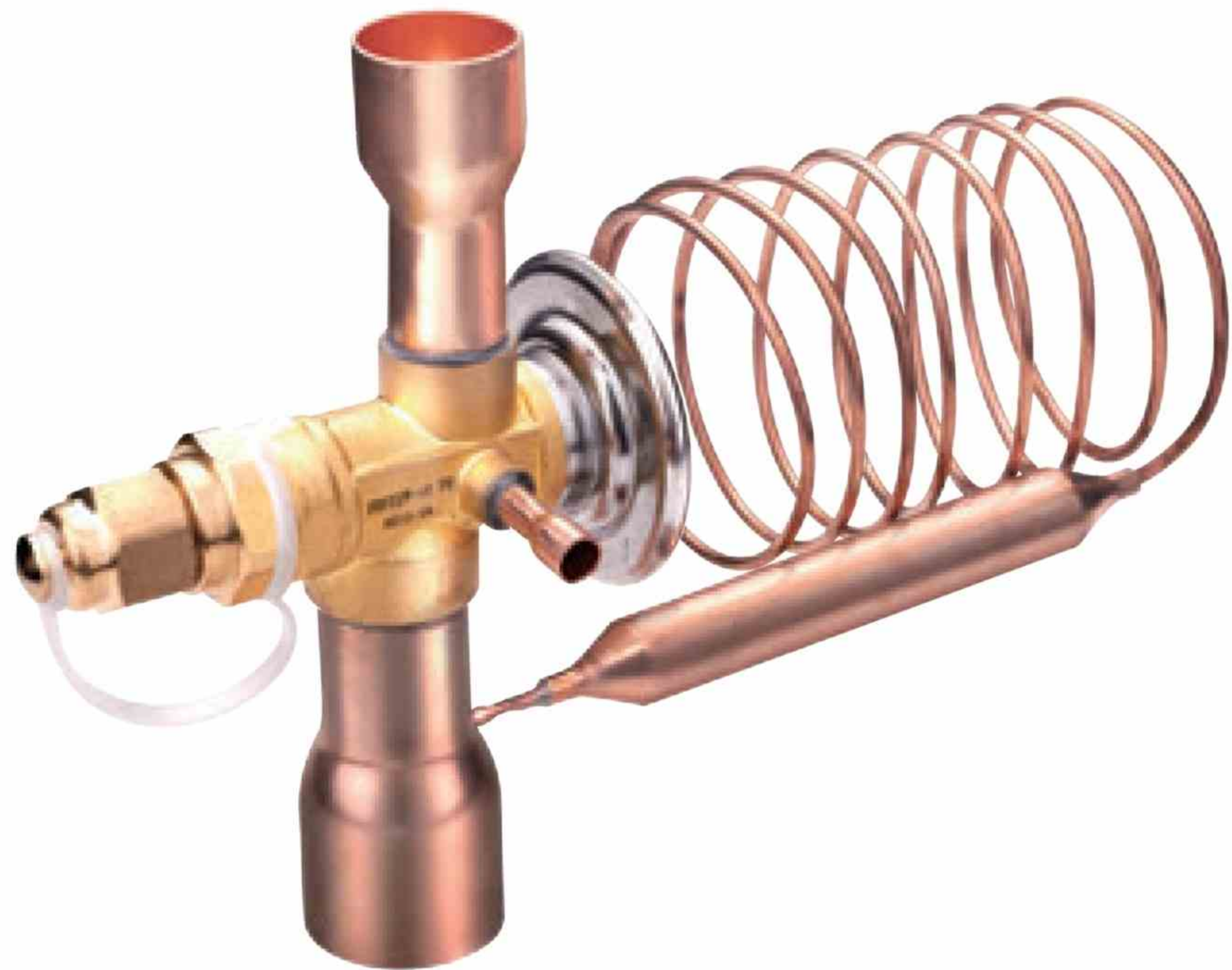
结构 Structure



可换芯选择 Replaceable element model								
阀体编号 Valve element No.	名义制冷量 (TR)Nominal refrigerating capacity(TR)				名义制冷量 (KW)Nominal refrigerating capacity(KW)			
	R22/R407C	R134a	R404A	R410A	R22	R134a	R404A	R410A
No.1	0.7	0.5	0.45	0.92	2.5	1.8	1.6	3.25
No.2	1.0	0.8	0.6	1.55	3.5	2.6	2.1	5.45
No.3	1.5	1.3	1.2	2.5	5.2	4.6	4.2	8.7
No.4	2.3	1.9	1.7	4	8.0	6.7	6.0	14.15
No.5	3.0	2.5	2.2	4.9	10.5	8.6	7.7	17.28
No.6	4.5	3.0	2.6	5.7	15.5	10.5	9.1	19.95

主阀体选型 Model of main value body					
制冷剂 Refrigerant	型号 Model	压力平衡 Pressure Equalisation	接口螺纹 Thread		
			进口端Intet	出口端Outlet	外平衡口 External Equaliser
R22/R407C	TH22	内平衡 Internal Equalisation	3/8 SAE	1/2 SAE	
R22/R407C	TH22W	外平衡 External Equalisation	3/8 SAE	1/2 SAE	1/4 SAE
R134a	TH134	内平衡 Internal Equalisation	3/8 SAE	1/2 SAE	
R134a	TH134W	外平衡 External Equalisation	3/8 SAE	1/2 SAE	1/4 SAE
R404A	TH404	内平衡 Internal Equalisation	3/8 SAE	1/2 SAE	
R404A	TH404W	外平衡 External Equalisation	3/8 SAE	1/2 SAE	1/4 SAE
R410A	TH410	内平衡 Internal Equalisation	3/8 SAE	1/2 SAE	
R410A	TH410W	外平衡 External Equalisation	3/8 SAE	1/2 SAE	1/4 SAE
• 名义制冷屋的工况条件为：蒸发温度5℃；冷凝温度35℃； 过热度3.5℃；过冷度4℃。 • Working Condition of Nominal Refrigerating Capacity: Evaporation Temperature: + 5℃; Condensation Temperature:+35℃; Superheat:3.5℃;Subcooling:4℃.					

FRF 型热力膨胀阀
FRF Thermostatic Expansion Valve



FRF型（英制焊口）
Model FRF（inch ODF）

安装使用要求 Installation and usage requirements

- 1) 焊管式膨胀阀在与系统管子焊接时，必须注意以下几点;
1.1、首先用湿布或湿棉纱包在阀体上保护阀体，以防在焊接时温度过高烧坏阀内零件。
1.2、焊接时请注意焊枪火焰方向为朝阀体外向。
1.3、选用低温银焊条焊接。
2) 膨胀阀维修保养应指定专业人员进行。

1) welded pipe expansion valve with the system pipe welding, we must pay attention to the following points;
1.1 、use a damp cloth or a wet cotton bag to protect bodyon the body. To avoid high that temperature burn in the valve parts in welding. Please note that the
1.2、welding torch flame direction toward the body outward. 1.3 low temperature silverelec trode welding.
2) expansion valve maintenance should be designated professional staff.

技术参数 Technical Parameters		
适用制冷剂 Applicable Refrigerants	R22、R134a、R404A冷媒等介质	
适用介质温度 Applicable Medium	R22: -40℃~-+10℃; R134a:-30℃~-+10℃;R404A:-40℃~-+10℃	
过热度调节范围 Adjustable Range of Superheat	2℃~8℃	
最大工作压力 Maximum Working Pressure	2.8MPa	
最大测试压力 Maximum Testing Pressure	3.2MPa	

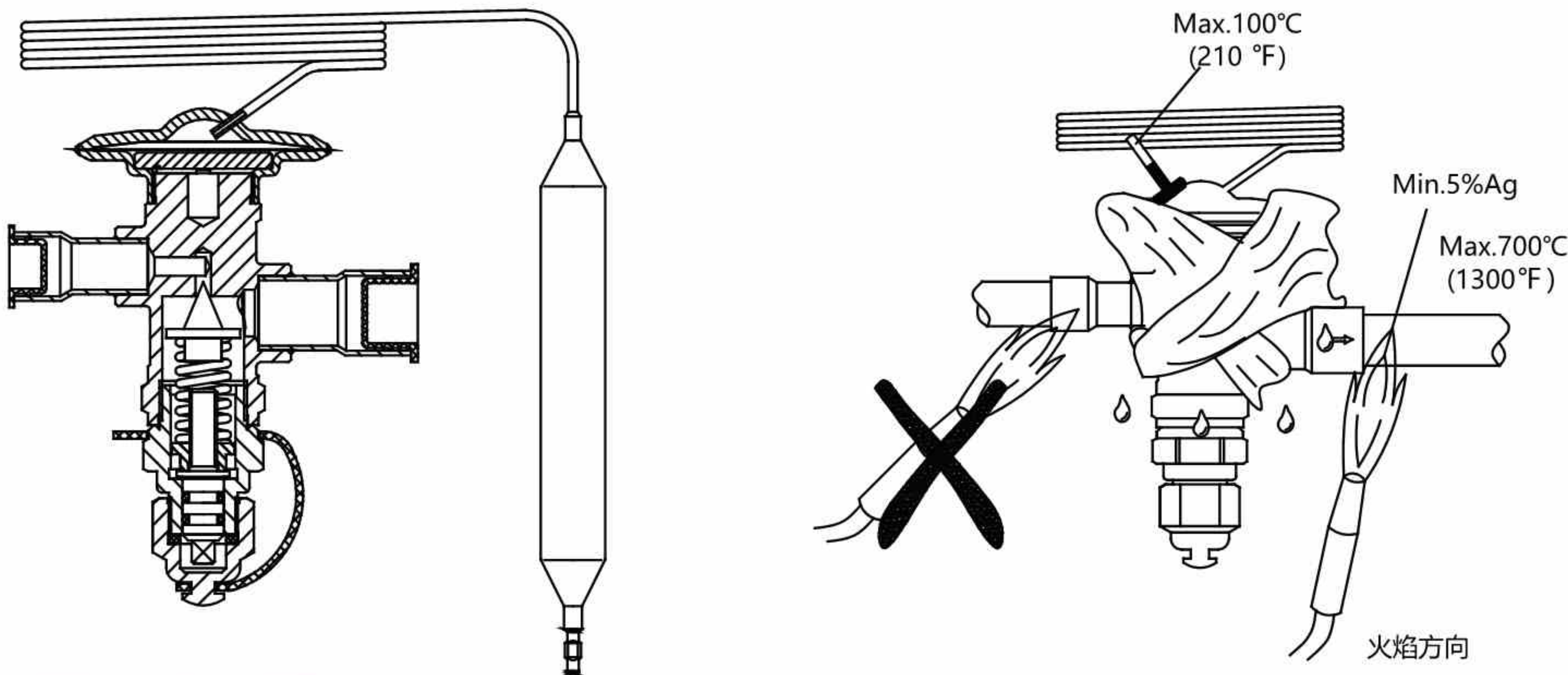
选型表 Model Selection											
制冷剂 Refrigerant	冷凝温度 (°C) Condensing Temp	型号 Model	制冷量(KW)/(TR)								
			蒸发温度(°C) Evaporation temperature								
			-35	-30	-25	-20	-15	-10	-5	0	5
R22/R407C	40	FRF22W-3-3-5	4.99/1.43	5.69/1.63	6.43/1.84	7.2/2.06	7.98/2.28	8.75/2.5	9.49/2.71	10.17/2.91	10.72/3.06
		FRF22W-3-4-5	4.99/1.43	5.69/1.63	6.43/1.84	7.2/2.06	7.98/2.28	8.75/2.5	9.49/2.71	10.17/2.91	10.72/3.06
		FRF22W-4-4-7	6.68/1.91	7.63/2.18	8.63/2.47	9.68/2.77	10.75/3.07	11.81/3.37	12.83/3.67	13.76/3.93	14.52/4.15
		FRF22W-6-4-5	9.69/2.77	11.1/3.17	12.58/3.59	14.12/4.03	15.7/4.49	17.26/4.93	18.77/5.36	20.12/5.75	21.24/6.07
		FRF22W-6-4-7	9.69/2.77	11.1/3.17	12.58/3.59	14.12/4.03	15.7/4.49	17.26/4.93	18.77/5.36	20.12/5.75	21.24/6.07
		FRF22W-7.5-5-7	12.00/3.43	13.86/3.96	15.84/4.53	17.89/5.11	19.97/5.71	21.03/6.01	22.98/6.57	25.72/7.35	27.1/7.74
		FRF22W-11-5-7	19.44/5.55	22.45/6.41	25.58/7.31	28.73/8.21	31.98/9.14	34.6/9.89	37.07/10.59	38.85/11.1	39.95/11.41
		FRF22W-11-5-9	19.44/5.55	22.45/6.41	25.58/7.31	28.73/8.21	31.98/9.14	34.6/9.89	37.07/10.59	38.85/11.1	39.95/11.41
		FRF22W-12-5-7	19.86/5.67	22.01/6.29	25.07/7.16	28.26/8.07	31.51/9	34.25/9.79	37.91/10.83	40.11/11.46	42.61/12.17
		FRF22W-12-5-9	19.86/5.67	22.01/6.29	25.07/7.16	28.26/8.07	31.51/9	34.25/9.79	37.91/10.83	40.11/11.46	42.61/12.17
		FRF22W-15-5-9	22.47/6.42	25.11/7.17	28.3/8.09	31.96/9.13	35.69/10.2	38.86/11.1	41.85/11.96	51.13/14.61	54.25/15.5
		FRF22W-15-7-9	22.47/6.42	25.11/7.17	28.3/8.09	31.96/9.13	35.69/10.2	38.86/11.1	41.85/11.96	51.13/14.61	54.25/15.5
		FRF22W-18-7-9	25.31/7.23	28.72/8.21	33.17/9.48	38.98/11.14	45.08/12.88	49.37/14.11	53.68/15.34	58.76/16.79	63.22/18.06
		FRF22W-18-7-11	25.31/7.23	28.72/8.21	33.17/9.48	38.98/11.14	45.08/12.88	49.37/14.11	53.68/15.34	58.76/16.79	63.22/18.06
		FRF22W-26-7-11	36.48/10.42	42.31/12.09	48.76/13.93	55.84/15.95	63.49/18.14	71.61/20.46	79.99/22.85	88.29/25.23	92.02/26.29
		FRF22W-26-9-11	36.48/10.42	42.31/12.09	48.76/13.93	55.84/15.95	63.49/18.14	71.61/20.46	79.99/22.85	88.29/25.23	92.02/26.29
		FRF22W-30-7-11	41.30/11.80	47.93/13.69	55.26/15.79	63.29/18.08	71.98/20.57	81.2/23.2	90.69/25.91	100.1/28.6	104.8/29.94
		FRF22W-30-9-11	41.30/11.80	47.93/13.69	55.26/15.79	63.29/18.08	71.98/20.57	81.2/23.2	90.69/25.91	100.1/28.6	104.8/29.94
		FRF22W-38-9-11	48.63/13.89	55.75/15.93	64.95/18.56	75.29/21.51	86.78/24.79	99.3/28.37	111.5/31.86	123.7/35.34	134.7/38.49
R404A/R507	40	FRF404W-4-4-5	4.1/1.17	4.71/1.35	5.38/1.54	6.09/1.74	6.84/1.95	7.62/2.18	8.39/2.4	9.11/2.6	9.73/2.78
		FRF404W-5-5-7	5.1/1.46	5.71/1.63	6.48/1.85	7.59/2.17	8.84/2.53	9.52/2.72	10.39/2.97	11.36/3.25	12.28/3.51
		FRF404W-7.5-5-7	7.55/2.16	8.71/2.49	10.1/2.89	11/3/14	12.94/3.7	14/4	15.55/4.44	16.5/4.71	17.97/5.13
		FRF404W-9-5-7	9.57/2.73	10.98/3.14	12.51/3.57	14.14/4.04	15.83/4.52	17.53/5.01	19.18/5.48	20.7/5.91	21.98/6.28
		FRF404W-11-5-9	12.07/3.45	13.93/3.98	15.92/4.55	18.02/5.15	20.16/5.76	22.29/6.37	24.28/6.94	25.98/7.42	27.21/7.77
		FRF404W-13-7-9	12.93/3.69	15.1/4.31	17.1/4.89	19/5.43	22.1/6.31	25.05/7.16	27.1/7.74	30.55/8.73	32.17/9.19
		FRF404W-18-7-11	16.59/4.74	19.54/5.58	22.27/6.36	25.13/7.18	29.03/8.29	32.94/9.41	36.69/10.48	40.27/11.51	43.57/12.45
		FRF404W-21-7-11	26.03/7.44	29.79/8.51	33.77/9.65	37.87/10.82	41.93/11.98	45.77/13.08	49.21/14.06	52.06/14.87	54.14/15.47
		FRF404W-26-9-11	24.64/7.04	28.59/8.17	33.03/9.44	37.91/10.83	43.18/12.34	48.69/13.91	54.28/15.51	59.71/17.06	64.74/18.5
R410A	40	FRF410W-3.5-3-5	5.93/1.69	6.73/1.91	7.57/2.15	8.45/2.40	9.35/2.66	10.25/2.92	11.12/3.16	11.91/3.39	12.56/3.57
		FRF410W-4.5-4-7	7.92/2.25	9.0/2.56	10.15/2.89	11.35/3.23	12.58/3.58	13.81/3.93	15.01/4.27	16.10/4.58	17.00/4.84
		FRF410W-6.5-4-7	11.48/3.27	13.07/3.72	14.76/4.20	16.51/4.70	18.32/5.21	20.13/5.73	21.88/6.22	23.48/6.68	24.80/7.05
		FRF410W-9-5-7	15.36/4.37	17.49/4.97	19.73/5.61	22.06/6.27	24.44/6.95	26.81/7.63	29.08/8.27	31.13/8.85	32.77/9.32
		FRF410W-13-5-7	23.1/6.57	26.50/7.54	30.02/8.54	33.57/9.55	37.07/10.54	40.36/11.48	43.27/12.31	45.56/12.96	46.97/13.36
		FRF410W-15-5-7	23.01/6.54	26.51/7.54	30.31/8.62	34.40/9.78	38.74/11.02	43.25/12.30	47.80/13.59	52.15/14.83	55.98/15.92
		FRF410W-19-5-9	28.36/8.07	32.73/9.31	37.49/10.66	42.64/12.13	48.14/13.69	53.89/15.33	59.72/16.99	65.36/18.59	70.41/20.03
		FRF410W-23-7-9	34.74/9.88	39.94/11.36	45.52/12.95	51.47/14.64	57.75/16.42	64.27/18.28	70.84/20.15	77.13/21.94	82.66/23.51
		FRF410W-31-7-11	44.23/12.58	51.02/14.51	58.50/16.64	66.71/18.97	75.60/21.50	85.08/24.20	94.91/26.99	104.70/29.78	113.70/32.34
		FRF410W-35-7-11	50.06/14.24	57.76/16.43	66.26/18.85	75.58/21.50	85.67/24.37	96.41/27.42	107.50/30.57	118.60/33.73	128.80/36.63
		FRF410W-46-9-11	61.44/17.47	71.40/20.31	82.66/23.51	95.18/27.07	108.80/30.94	123.00/34.98	137.40/39.08	151.10/42.97	163.10/46.39
R134A	40	FRF134W-3.5-4-5	5.42/1.54	6.16/1.75	6.97/1.98	7.86/2.24	8.81/2.51	9.82/2.79	10.86/3.09	11.89/3.38	12.84/3.65
		FRF134W-4.5-5-7	7.39/2.10	8.40/2.39	9.50/2.70	10.70/3.04	11.99/3.41	13.35/3.80	14.74/4.19	16.11/4.58	17.37/4.94
		FRF134W-7-5-7	10.85/3.09	12.39/3.52	14.08/4.00	15.91/4.53	17.85/5.08	19.86/5.65	21.85/6.21	23.71/6.74	25.28/7.19

选型表 Model Selection											
制冷剂 Refrigerant	冷凝温度 (℃) Condensing Temp	型号 Model	制冷量(KW)/(TR)								
			蒸发温度(℃) Evaporation temperature								
			-35	-30	-25	-20	-15	-10	-5	0	5
R134A	40	FRF134W-8-5-9	11.50/3.27	13.21/3.76	15.14/4.31	17.29/4.92	19.67/5.59	22.26/6.33	25.00/7.11	27.79/7.90	30.49/8.67
		FRF134W-10-7-9	14.34/4.08	16.50/4.69	18.93/5.38	21.66/6.16	24.69/7.02	27.99/7.96	31.50/8.96	35.10/9.98	38.61/10.98
		FRF134W-12-7-11	17.69/5.03	20.34/5.78	23.27/6.62	26.51/7.54	30.04/8.54	33.85/9.63	37.85/10.77	41.91/11.92	45.79/13.02
		FRF134W-17-7-11	23.02/6.55	26.54/7.55	30.53/8.68	35.01/9.96	40.01/11.38	45.50/12.94	51.39/14.62	57.50/16.35	63.54/18.07
		FRF134W-20-9-11	26.17/7.44	30.19/8.59	34.74/9.88	39.85/11.33	45.55/12.96	51.80/14.73	58.51/16.64	65.47/18.62	72.32/20.57
• 膨胀阀按照蒸发器冷量选型 • 如蒸发器有分液头，建议选择外平衡热力膨胀阀 • 注意制冷剂型号，选择对应的热力膨胀阀 • Model of expansion valve should be selected by refrigerating capacity of evaporators. • External equalisation thermostatic expansion valve should be chosen for evaporators with distributors. • Pay attention to the refrigerant when choosing expansion valve.											

产品参数 Product Parameters					
制冷剂 Refrigerant	型号 Model	压力平衡 Pressure Equalisation	接口螺纹（接口尺寸） Thread(Connection Size)		
			进口端 Inlet 英制 inch	出口端 Outlet 英制 inch	外平衡口 External Equaliser
R22	FRF22W-3-3-5	外平衡 External Equalisation	3/8"ODF	5/8"ODF	1/4" ODF
	FRF22W-3-4-5		1/2"ODF	5/8"ODF	
	FRF22W-4-4-7		1/2"ODF	7/8"ODF	
	FRF22W-6-4-5		1/2"ODF	5/8"ODF	
	FRF22W-6-4-7		1/2"ODF	7/8"ODF	
	FRF22W-7.5-5-7		5/8"ODF	7/8"ODF	
	FRF22W-11-5-7		5/8"ODF	7/8"ODF	
	FRF22W-11-5-9		5/8"ODF	1-1/8"ODF	
	FRF22W-12-5-7		5/8"ODF	7/8"ODF	
	FRF22W-12-5-9		5/8"ODF	1-1/8"ODF	
	FRF22W-15-5-9		5/8"ODF	1-1/8"ODF	
	FRF22W-15-7-9		7/8"ODF	1-1/8"ODF	
	FRF22W-18-7-9		7/8"ODF	1-1/8"ODF	
	FRF22W-18-7-11		7/8"ODF	1-3/8"ODF	
	FRF22W-26-7-11		7/8"ODF	1-3/8"ODF	
	FRF22W-26-9-11		1-1/8"ODF	1-3/8"ODF	
	FRF22W-30-7-11		7/8"ODF	1-3/8"ODF	
	FRF22W-30-9-11		1-1/8"ODF	1-3/8"ODF	
R134a	FRF134W-3.5-4-5		1/2" ODF	5/8" ODF	
	FRF134W-4.5-5-7		5/8" ODF	7/8" ODF	
	FRF134W-7-5-7		5/8" ODF	7/8" ODF	
	FRF134W-8-5-9		5/8" ODF	1-1/8" ODF	
	FRF134W-10-7-9		7/8" ODF	1-1/8" ODF	
	FRF134W-12-7-11		7/8" ODF	1-3/8" ODF	
	FRF134W-17-7-11		7/8" ODF	1-3/8" ODF	
	FRF134W-20-9-11		1-1/8" ODF	1-3/8" ODF	

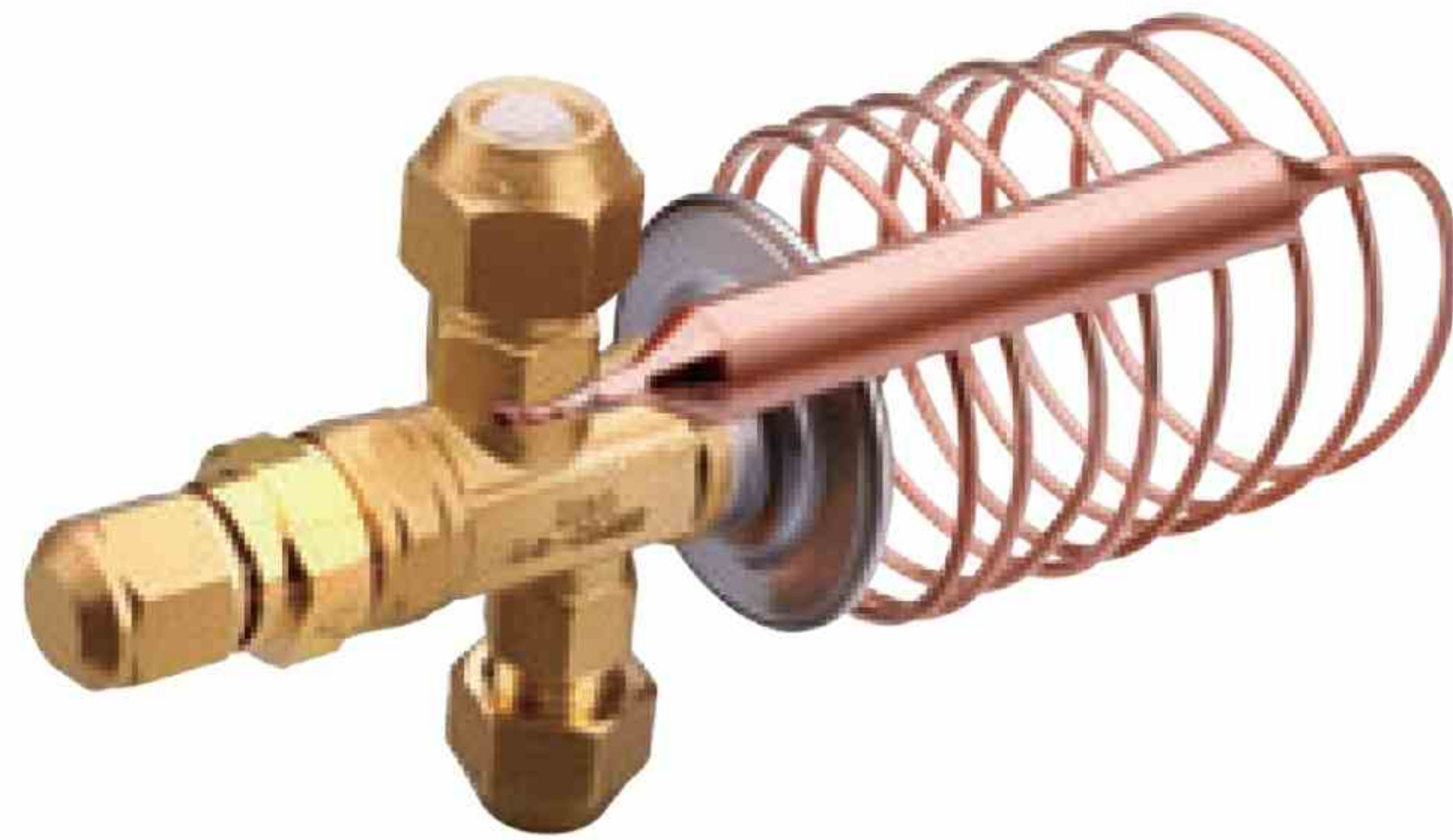
产品参数 Product Parameters					
制冷剂 Refrigerant	型号 Model	压力平衡 Pressure Equalisation	接口螺纹（接口尺寸） Thread Connection Size		
			进口端 Inlet 英制 inch	出口端 Outlet 英制 inch	外平衡口 External Equaliser
R404A	FRF404W-4-4-5	外平衡 External Equalisation	1/2" ODF	5/8" ODF	1/4" ODF
	FRF404W-5-5-7		5/8" ODF	7/8" ODF	
	FRF404W-7.5-5-7		5/8" ODF	7/8" ODF	
	FRF404W-9-5-7		5/8" ODF	7/8" ODF	
	FRF404W-11-5-9		5/8" ODF	1-1/8" ODF	
	FRF404W-13-7-9		7/8" ODF	1-1/8" ODF	
	FRF404W-18-7-11		7/8" ODF	1-3/8" ODF	
	FRF404W-21-7-11		7/8" ODF	1-3/8" ODF	
	FRF404W-26-9-11		1-1/8" ODF	1-3/8" ODF	
R410A	FRF410W-3.5-3-5		3/8" ODF	5/8" ODF	
	FRF410W-4.5-4-7		1/2" ODF	7/8" ODF	
	FRF410W-6.5-4-7		1/2" ODF	7/8" ODF	
	FRF410W-9-5-7		5/8" ODF	7/8" ODF	
	FRF410W-13-5-7		5/8" ODF	7/8" ODF	
	FRF410W-15-5-7		5/8" ODF	7/8" ODF	
	FRF410W-19-5-9		5/8" ODF	1-1/8" ODF	
	FRF410W-23-7-9		7/8" ODF	1-1/8" ODF	
	FRF410W-31-7-11		7/8" ODF	1-3/8" ODF	
	FRF410W-35-7-11		7/8" ODF	1-3/8" ODF	
	FRF410W-46-9-11		1-1/8" ODF	1-3/8" ODF	
R407C	FRF407C-3.5-4-7		1/2" ODF	7/8" ODF	
	FRF407C-5-4-7		1/2" ODF	7/8" ODF	
	FRF407C-7-5-7		5/8" ODF	7/8" ODF	
	FRF407C-10-5-7		5/8" ODF	7/8" ODF	
	FRF407C-12-5-9		5/8" ODF	1-1/8" ODF	
	FRF407C-15-7-9		7/8" ODF	1-1/8" ODF	
	FRF407C-18-7-11		7/8" ODF	1-3/8" ODF	
• 名义制冷量的工况条件为：蒸发温度te= + 5℃ 冷凝温度tk= + 40℃ 过冷度2℃ • Working Condition of Nominal Refrigerating Capacity: Evaporation Temperature: + 5℃; Condensation Temperature:+40℃; Superheat:3.5℃;Subcooling:2℃.					

结构 Structure

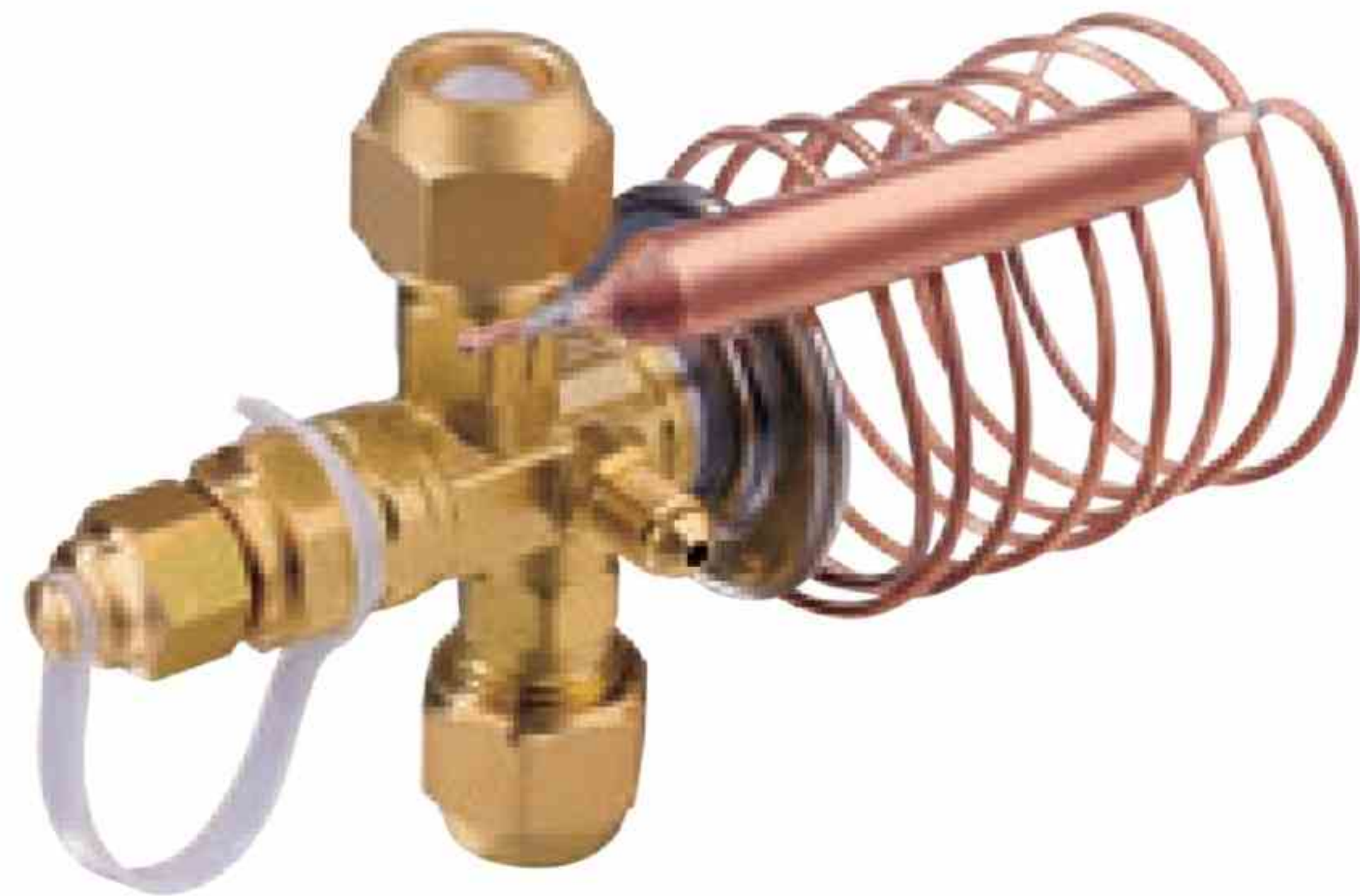


ERF ERFW 型热力膨胀阀

ERF ERFW Thermostatic Expansion Valve



ERF型 (公制/英制螺口)
Model ERF (metric/inch flare)



ERFW型 (英制螺口)
Model ERFW (inch flare)

产品概述 Product Description

• ERF、ERFW型热力膨胀阀用于调节蒸发器的液体制冷剂的供给量，可提供多种制冷剂及其各种工况下的充注，能满足冷藏设备、制冰机、除湿机以及各种蒸发温度范围内的制冷和空调的要求。	• Model ERF/FRFW thermal expansion valve are used to adjust the liquid refrigerant supply volume to the evaporator and they are suitable to various refrigerants and different charging condition. It meets the requirements of the cold storage facility, ice maker and dehumidifier as well as the refrigeration and air conditioning requirements under varied evaporation temperature.
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特点 Features

• 采用大动力头结构模式，线性优良，过热度调节性能稳定。 • 采用新型结构，蒸发温度范围大，低温工作幅值大。 • 具有专利技术，膜片动作迟滞 < 0.5k，阀门具有良好的稳定性。 • 阀帽采用防呆设计，防止其丢失，保证二次密封可靠性。	• The big power head structure with perfect linear performance has a stable adjustment on the degree of superheat. • New structure has large scope of evaporation temperature and big work amplitude under low temperature. • With proprietary technology, the diaphragm movement hysteresis <0.5k and the valve has good stability. • The bonnet features fool-proofing design to prevent loss and ensure the reliability of sealing.
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技术参数 Technical Parameters

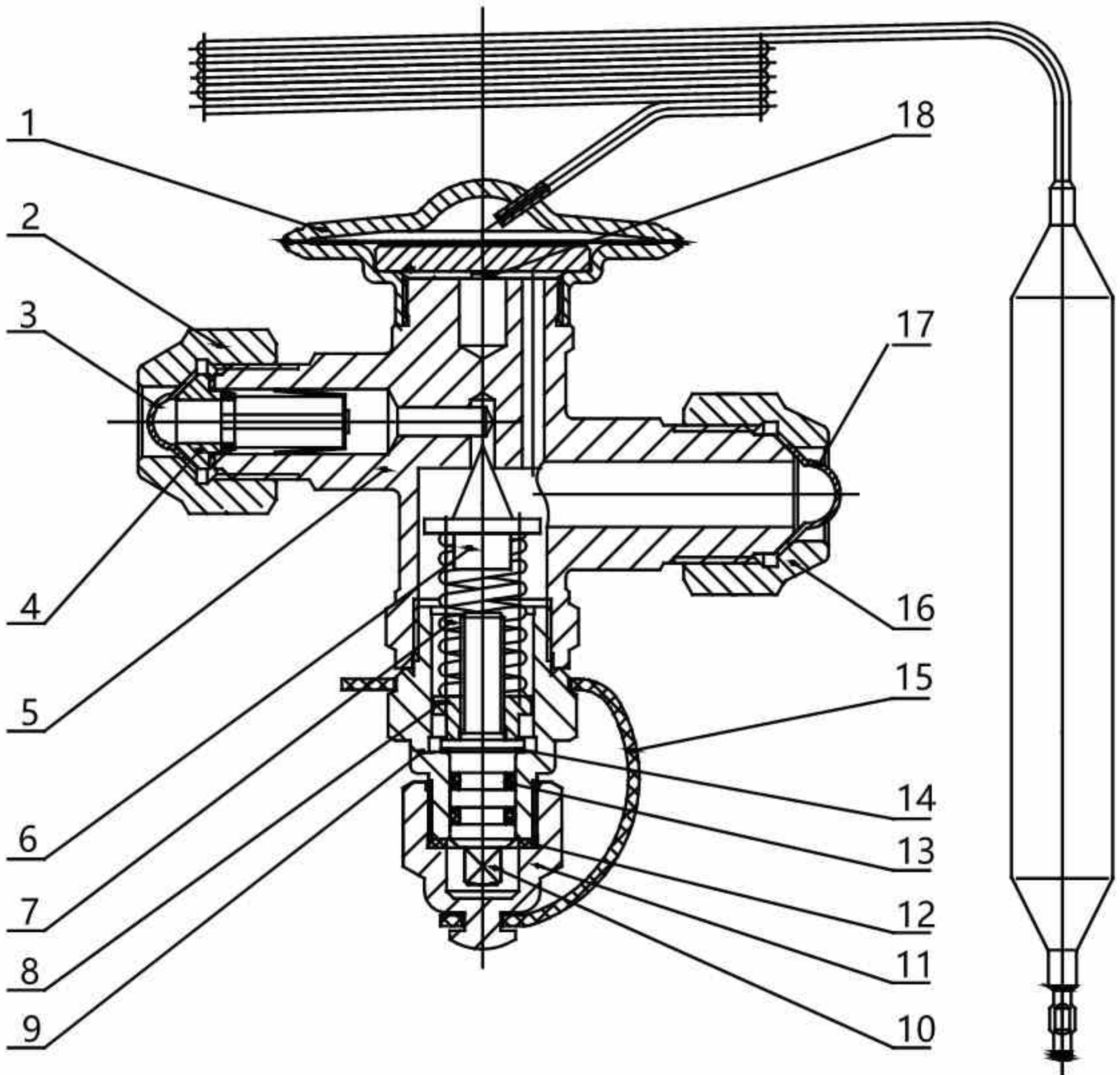
适用制冷剂 Applicable Refrigerants:	R404A,R22、R134a 冷媒等介质	• ERF （ERFW）和FRF型膨胀阀包括2种接口：螺口（Flare）和焊口（ODF）。 • Model ERF (ERFW) and FRF thermostatic expansion valve have two types of connection: Flare/ODF. • ERF (ERFW) 和FRF型膨胀阀毛细管长度：标准1.5m，（φ10 - φ13的是3m），特殊情况可按用户要求。 • Capillary length of Model ERF (ERFW) and FRF thermostatic expansion valve can be standard 1.5 m, (φ10~ 13 is 3m) or customized.
适用介质温度 Applicable Medium Temperature:	-40℃~+10℃	
名义容量 Nominal Capacity:	3.5KW~158KW	
过热度调节范围 Adjustable Range of Superheat:	2℃~8℃	
出厂静热度调定值 Ex-Works Static Heat Adjustment	3.5℃	
外均端泄露量 Outer Equilibrium End Leakage:	≤75ml/min	
最大工作压力 Maximum Working Pressure:	2.8MPa	
最大测试压力 Maximum Testing Pressure:	3.2MPa	

选型表 Model Selection																	
制冷剂 Refrigerant	型号 Model	压力平衡 Pressure Equalisation	接口螺纹（接口尺寸） Thread(Connection Size)						名义制冷量 Nominal Refrigerating Capacity								
			进口端 Inlet		出口端 Outlet		外平衡口 External Equaliser		冷吨 TR	千瓦 kW	大卡 kcal/h						
			公制 metric	英制 inch	公制 metric	英制 inch	公制 metric	英制 inch									
R22/R407C	ERF22-Φ1.0	内平衡（螺口） Internal Equalisation(flare)	M16X1.5		M18X1.5		—	—	1.0	3.5	3024						
	ERF22-Φ1.5								1.6	5.6	4840						
	ERF22-Φ2.0								2.0	7.0	6048						
	ERF22-Φ2.5								2.5	8.8	7560						
	ERF22-Φ3.0								3.0	10.5	9072						
	ERF22-Φ4.0				5.0	17.6			15120								
	ERF22-Φ5.0				6.0	21.0			18144								
	ERF22-Φ6.0		7.5	26.0	22680												
	ERF22-Φ7.0		8.5	29.9	25704												
	ERF22-Φ8.0		12.0	42.2	36288												
	ERF22-Φ9.0		15.0	52.7	45360												
R134a	ERF134-Ø1.0		M16X1.5		M18X1.5		—	—	0.5	1.75	1510						
	ERF134-Ø1.5								0.7	2.5	2116						
	ERF134-Ø2.0								1.5	5.2	4500						
	ERF134-Ø2.5								1.6	5.6	4838						
	ERF134-Ø3.0								2.0	7.0	6048						
	ERF134-Ø4.0								3.0	10.5	9072						
	ERF134-Ø5.0				M22X1.5				5.0	17.6	15120						
	ERF134-Ø7.0		6.5	22.9	19656												
	ERF134-Ø9.0		11.0	38.7	33264												
R22/R407C	ERF22W-Ø1.0	外平衡 External Equalisation		3/8 SAE	1/2 SAE			1/4 SAE	1.0	3.5	3024						
	ERF22W-Ø1.5								1.6	5.6	4840						
	ERF22W-Ø2.0								2.0	7.0	6048						
	ERF22W-Ø2.5								2.5	8.8	7560						
	ERF22W-Ø3.0								3.0	10.5	9072						
	ERF22W-Ø4.0								5.0	17.6	15120						
	ERF22W-Ø5.0			1/2 SAE	5/8 SAE				6.0	21.0	18144						
	ERF22W-Ø6.0								7.5	26.5	22680						
	ERF22W-Ø7.0								8.5	29.9	25704						
	ERF22W-Ø8.0								12.0	42.2	36288						
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	ERF134W-Ø2.5											2.0	7.0	6048			
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	ERF134W-Ø5.0			1/2 SAE	5/8 SAE							6.5	22.9	19656			
	ERF134W-Ø7.0											11.0	38.7	33264			
	ERF134W-Ø9.0																
• 名义制冷量的工况条件为：蒸发温度te= + 5℃ 冷凝温度tK= + 40℃ 过冷度2℃ • Working Condition of Nominal Refrigerating Capacity: Evaporation Temperature te = + 5℃; Condensation Temperature tK = +40℃; Degree of Superheat 2℃																	

结构 Structure

ERF型（公制螺口）Model ERF(metric flare)

- 1.气箱头部件; 2.纳子; 3.封帽; 4.过滤网部件;
5.阀体; 6.阀芯; 7.调节弹簧; 8.调节螺母; 9.调
节座; 10.阀杆; 11.阀帽; 12.密封圈; 13.O形
圈; 14.密封垫; 15.保险带; 16.公制纳子; 17.封
帽; 18.传动杆
1、 power element; 2、 nut; 3、 seal cap; 4、
filting component; 5、 valve body; 6、 value
element; 7、 adjusting spring; 8、 adjusting
nut; 9、 adjusting seat; 10、 valve stem; 11、
bonnet; 12、 seal ring; 13、 O-ring; 14、
gasket; 15、 security belt; 16、 metric nut;
17、 seal cap; 18、 drive pin



ERFW型（英制螺口）Model ERFW(inch flare)

1. 气箱头部件 power element 12. 密封圈 seal ring
2. 纳子 nut 13. O形圈 O-ring
3. 封帽 seal cap 14. 保险带 security belt
4. 过滤网部件 filting component 15. 密封垫 gasket
5. 阀体 valve body 16. 纳子 nut
6. 阀芯 valve element 17. 封帽 seal cap
7. 调节弹簧 adjusting spring 18. 传动杆 drive pin
8. 调节螺母 adjusting nut 19. 标贴 label
9. 调节座 adjusting seat 20. 纳子 nut
10. 阀杆 valve stem 21. 封帽 seal cap
11. 阀帽 bonnet

