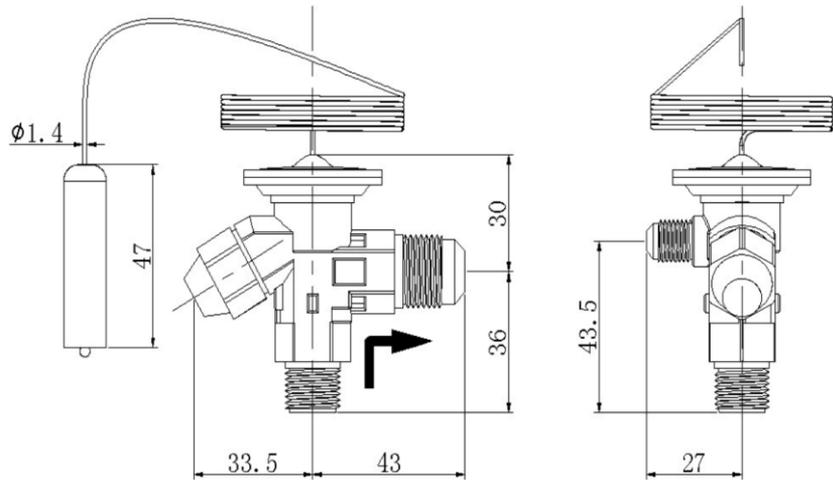


LFTEV

Thermostatic Expansion valves



LEFOO



Dimension in : mm

Specifications and dimensions

Refrigerant	Model	Balance type	Capillary (m)	Connection size					
				Inlet		Outlet		Equalization	
				inch	mm	in	mm	in	mm
R22	LFTX2	inner	1.5	3/8"	10	1/2"	12	—	
	LFTEX2	outer	1.5	3/8"	10	1/2"	12	1/4"	6
R407C	LFTZ2	inner	1.5	3/8"	10	1/2"	12	—	
	LFTEZ2	outer	1.5	3/8"	10	1/2"	12	1/4"	6
R134a	LFTN2	inner	1.5	3/8"	10	1/2"	12	—	
	LFTEN2	outer	1.5	3/8"	10	1/2"	12	1/4"	6
R404A/ R507	LFTS2	inner	1.5	3/8"	10	1/2"	12	—	
	LFTES2	outer	1.5	3/8"	10	1/2"	12	1/4"	6

The thermal expansion valve is used to regulate the supply of liquid refrigerant in the evaporator. The supply is controlled by the superheat of the refrigerant, so this valve is especially suitable for the supply of refrigerant liquid in the dry evaporator, because the superheat of the refrigerant at the outlet of the dry evaporator is proportional to the load of the evaporator.

Product Features

- Large evaporation temperature range.
- Interchangeable flow port components for easy inventory, pairing, and maintenance.
- The installation of the thermometer bulb is convenient, and there is good heat transfer effect between the pipeline and the thermometer bulb.
- The valve core and valve body are made of wear-resistant alloy, with a long service life.
- superheat regulation, performance stable.

Selection Table of Flow Port Components

Option	Nominal Refrigerating Capacity(RT) -40°C~+10°C				Nominal Refrigerating Capacity(KW) -40°C~+10°C			
	R22	R407C	R134a	R404A/ R507	R22	R407C	R134a	R404A/ R507
	0X	0.15	0.16	0.11	0.11	0.5	0.5	0.4
00	0.3	0.3	0.25	0.21	1.0	1.1	0.9	0.7
01	0.7	0.6	0.5	0.45	2.5	2.7	1.8	1.6
02	1.0	1.1	0.8	0.6	2.5	3.8	2.6	2.1
03	1.5	1.6	1.3	1.2	5.2	5.6	4.8	4.2
04	2.3	2.5	1.9	1.7	8.0	8.6	6.7	6.0
05	3.0	3.2	2.5	2.2	10.5	11.3	8.6	7.7
06	4.5	4.9	3.0	2.6	15.5	16.7	10.5	9.1

Technical Parameters

General	Value
Applicable Medium	All common HCFC and HFC refrigerants
Temperature range	-40°C ~ +60°C
Evaporation temperature range	-40°C ~ +10°C
Max working pressure	46bar
Equalization size	1/4"ODF,6mm ODF
Installation position	The top of the valve is facing upwards, and the fluid flows in the direction of the inlet and outlet