

# SPECIFICATIONS

## THERMOSTATIC EXPANSION VALVES ANWTEV



### Thermostatic Expansion Valves ANWTEV

#### Benefits/features

- Suitable for automatic regulation and supply of refrigerants for various small and medium-sized dry evaporators
- Stable superheat regulation performance with interchangeable flow nozzle components
- Suitable for refrigerant media such as R22, R134a, R407C, R404A/R507, etc
- Option for flare or brazing connection

#### Basic information

Max working pressure	46bar
Equalization size	1/4"ODF,6mmODF

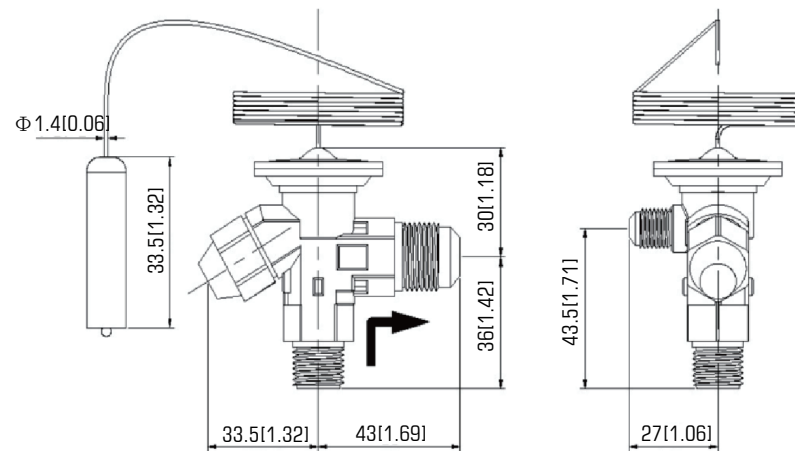
#### Operating conditions

Medium	All common HCFC and HFC refrigerants
Temperature	Ambient:-40...+60 C [-40...+140 F ] Evaporation:-40...+10 C [-40...+50 F ]

#### Installation arrangement

Mounting position	The top of the valve is facing upwards, and the fluid flows in the direction of the inlet and outlet
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#### Dimensions in mm [in]



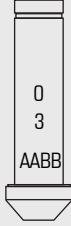
# ORDER CODE SELECTION TABLE

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Refrigerant	Model	Balance type	Capillary (m)	Connection size					
				Inlet		Outlet		Equalization	
				inch	mm	inch	mm	inch	mm
R22	ANWTX2	inner	1.5	3/8"	10	1/2"	12	--	
	ANWTEX2	outer	1.5	3/8"	10	1/2"	12	1/4"	6
R407C	ANWTZ2	inner	1.5	3/8"	10	1/2"	12	--	
	ANWTEZ2	outer	1.5	3/8"	10	1/2"	12	1/4"	6
R134a	ANWTN2	inner	1.5	3/8"	10	1/2"	12	--	
	ANWTEN2	outer	1.5	3/8"	10	1/2"	12	1/4"	6
R404A/ R507	ANWTS2	inner	1.5	3/8"	10	1/2"	12	--	
	ANWTES2	outer	1.5	3/8"	10	1/2"	12	1/4"	6

### Selection Table of Flow Port Components

Product	Option	Nominal Refrigerating Capacity(RT), -40...+10°C [-40...+50°F]				Nominal Refrigerating Capacity(KW), -40...+10°C [-40...+50°F]			
		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	0.38
	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