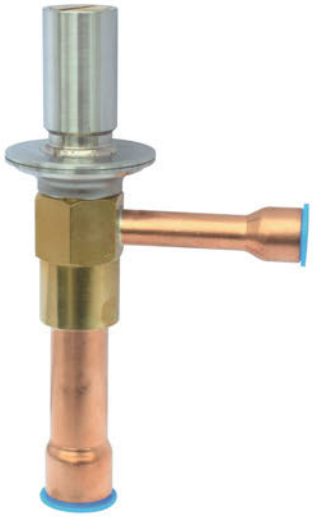
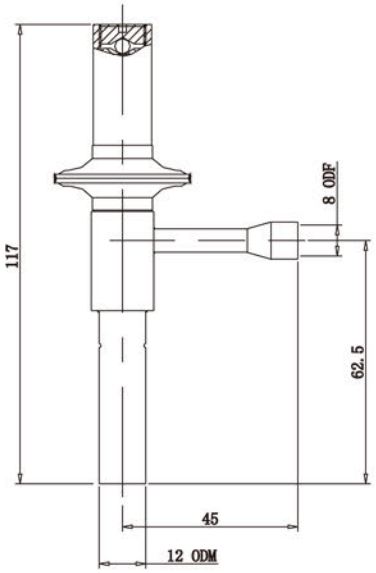
Characteristics

* The CBX is a kind of load adjust component for the refrigerating systemwith a non-adjustable compressor.
* The CBX can be used as automatic TXV under fixed pressure to maintain the fixed evaporation pressure (temperature).
* The CBX is capable of maintaining the minimum evaporating pressure
* Suitable for HFC and HCFC.
* Maximum working pressure: 28bar.





Standard Single Refrigeration Circuit

Caution:

1.) Prohibited in selecting capiliary throttle device

2.) Prohibited in selecting automatic TXV

3.) Prohibited in selecting non-adjustable superheat TXV

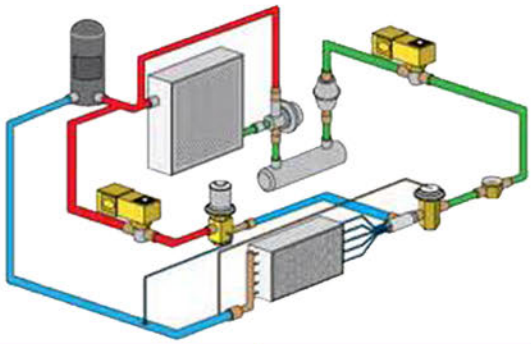
4.) Cooling Capacity basing on

Condensing temperature Te=3℃;

Evaporating temperature Tc=38℃;

Refrigerant temperature ahead of valve: TL=37℃;

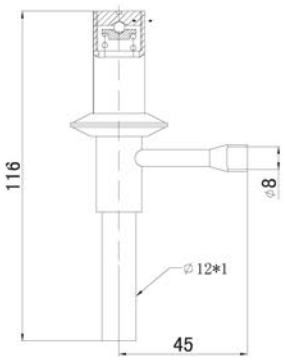
Subcooling: Tsub=1k;

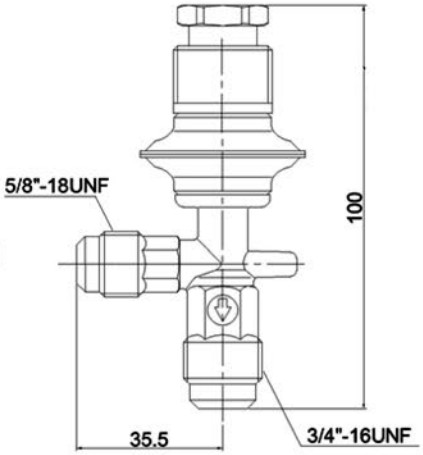


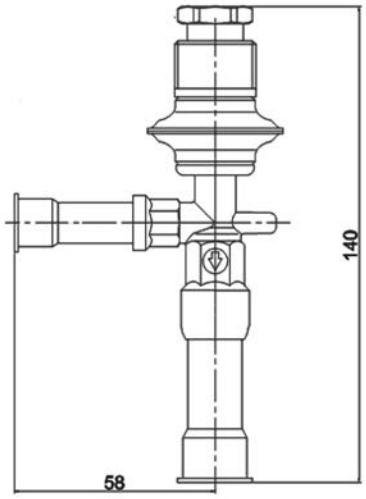
Model	Nominal capacity (kw)					Connection size
	R134a	R22	R407c	R404A/507	R410A	
CBX-01	1	2.2	2.1	1.4	3	Inlet:φ8 Outlet:φ12
CBX-02	1.8	3.5	3.4	2.6	4.4	
CBX-03	2.64	4.8	4.3	3.5	6	
CBX-04	3.2	5.9	5.3	4.3	7.4	
CBX-05	3.8	7	6.2	5.1	8.8	
CBX-06	4.4	8	7.8	5.8	10	
CBX-07	5.5	9.7	8.8	7.1	12	
CBX-08	6.6	12	10.8	9.6	14.5	
CBX-09	7.9	14.4	12.9	11.52	17.6	
CBX6-01	10.56	17.6	17.6	12.32	26.4	Inlet: Inch 3/8",1/2" Metric φ10,φ12 Inlet: Inch 5/8",3/4",7/8" Metric φ16,φ19,φ22
CBX6-02	12.32	21.12	21.12	14.08	35.2	
CBX6-03	17.6	24.64	24.64	15.84	38.72	
CBX6-04	21.12	28.16	28.16	19.36	45.76	

Characteristics

* The CGX is a kind of load adjust component for the refrigerating systemwith a non-adjustable compressor.
* The CGX can be used as automatic TXV under fixed pressure to maintain the fixed evaporation pressure (temperature).
* The CGX is capable of maintaining the minimum evaporating pressure
* Suitable for HFC and HCFC.
* Maximum working pressure: 28bar.







Caution:

1.) Prohibited in selecting capiliary throttle device

2.) Prohibited in selecting automatic TXV

3.) Prohibited in selecting non-adjustable superheat TXV

4.) Cooling Capacity basing on

Condensing temperature Te=3℃;

Evaporating temperature Tc=38℃;

Refrigerant temperature ahead of valve: TL=37℃;

Subcooling: Tsub=1k;

Model	Adjustment range	Cooling Capability (KW)		Set pressure	Connecting size	
		R134a	R22/R407c		Inlet	Outlet
CGX-05	0～0.7MPa	1.5	2.8	0.4MPa	¢ 8 ODF	¢ 10 ODM
CGX-08		2.4	4.5			
CGX-10		3	5.6			
CGX-15		4.2	8.4			
CGX-20		5.7	11.2			
CGX-30		8.5	16.8			
CGX-20L	0.03～0.6MPa	7	11		3/8" SAE Flare	1/2" SAE Flare
CGX-20H		7	11		3/8" ODF	1/2" ODF
CGX-40		14	22.5		1/2" ODF	5/8" ODF
CGX-100		30	40			