

Función:

La forma más común para reducir el aceite en circulación y problemas que éste conlleva dentro del sistema es mediante el uso un separador de aceite. Su función principal es separar el aceite del gas refrigerante, y devolverlo al cárter del compresor antes de que llegue a otros componentes del sistema.

Características:

- Construcción soldada hermética con sistema de retorno de aceite de acero (conectores SAE de 1/4 o 3/8)
- Pintura anticorrosiva.
- Maxima presion de trabajo: 3,5 Mpa


Tabla de dimensiones del tubo recibidor BlueStar.

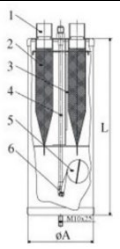
código	Descripción	Modelo	Conexión (pulgadas)	Dimensiones		figura de referencia	Otras referencias
				L (mm)	A (mm)		
921450	Sep.Aceite"BlueStar"XFW55824--- 1/2-Fijo	XFW55824	1/2	239,8	101,60		1) Conexión ODF. 2) Malla. 3) Juego de placas de sujeción. 4) Concentrador de aceite. 5) Bola flotante. 6) Válvulas de aguja.
921452	Sep.Aceite"BlueStar"XFW55855--- 5/8-Fijo	XFW55855	5/8	301,75	101,60		
921454	Sep.Aceite"BlueStar"XFW55877--- 7/8-Fijo	XFW55877	7/8	341,88	101,60		
921456	Sep.Aceite"BlueStar"XFW55889--1.1/8-Fijo	XFW55889	1 1/8	361,95	101,60		
921458	Sep.Aceite"BlueStar"XFW559011-1.3/8-Fijo	XFW559011	1 3/8	441,96	152,40		
921460	Sep.Aceite"BlueStar"XFW569213-1.5/8-Fijo	XFW569213	1 5/8	430,02	152,40		
921462	Sep.Aceite"BlueStar"XFW569417-2.1/8-Fijo	XFW569417	2 1/8	490,22	152,40		

Tabla de capacidades del tubo recibidor BlueStar.

código	Modelo	Capacidad de refrigeración y temperatura							
		R22 / R407C		R502		R134A		R404A / R507	
		-40°C	+5°C	-40°C	+5°C	-40°C	+5°C	-40°C	+5°C
921450	XFW55824	5,31	7,08	5,31	7,08	3,54	6,02	5,31	7,00
921452	XFW55855	15,90	19,50	16,80	20,36	11,50	15,90	14,16	19,00
921454	XFW55877	24,80	28,30	26,60	30,09	16,80	23,00	23,01	30,00
921456	XFW55889	31,90	37,20	33,60	40,71	23,00	30,01	30,09	38,00
921458	XFW559011	40,70	47,80	42,50	51,33	28,30	40,70	37,17	49,00
921460	XFW569213	56,60	63,70	70,80	84,96	41,60	56,60	61,95	81,00
921462	XFW569417	88,50	106,00	106,00	123,90	63,70	89,40	92,04	121,00



XFW 型油分离器 XFW Oil separators



产品简介 Product Introduction

油分离器具有从制冷剂气体混合物中分离油的能力，从而促进制冷空调系统的有效运行，并节约能源。它的功能是从压缩机的制冷剂和油的混合物进入分离器的进口，这个混合物流过一个过滤器和挡板装置，使油的细粒聚集并跌落到油分离器的底部，制冷剂气体通过出口，过滤器将残余的油粒分离，并在“无油”状态进入冷凝器。制冷剂的油聚集在油分离器的底部，在该处的一个由浮球操作的针形阀开启，让油回到压缩机中。由于油分离器中的压力比曲轴箱的压力要高，因此油很快地返回到压缩机中，当油位下降，针形阀将关闭以防止制冷剂气体返回到压缩机。油分离器系统安装于超市制冷及空调系统的多重压缩机支架、带有长制冷液路的系统、存在内部回油问题的系统、超低温系统和使用HCFCS, HFCS, 及相应的润滑剂的系统。

Separator's function is to help refrigeration and air conditioning system operate more efficiently and save energy. In any refrigeration system, refrigerant and oil are always available. certain amounts of oil will always leave the compressor crankcase with refrigerant gas. The oil separator separates the oil from the refrigerant and returns it to the compressor crankcase before it can enter other components of the system. The less oil in circulation in refrigeration system. The more refrigerant available for cooling. This increases the efficiency of a system by reducing running time and lowering operation cost. Oil separator is adapted to multiple compressor racks for supermarket refrigeration and air conditioning, system with long refrigerant lines, system with inherent oil return problems, ultra-low temperature systems and use with HCFCS, HFCS and their lubricants.



性能特点 Features

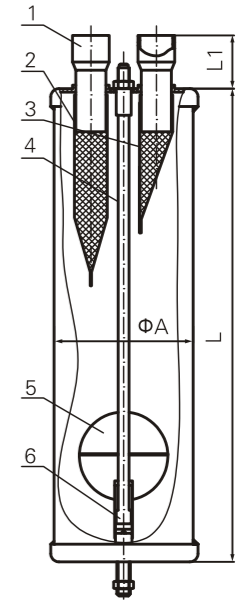
- ◆带有钢制回油系统的密封结构（1/4或3/8” 螺口）
- ◆可靠的针形阀门关闭系统
- ◆流动速度减小和流动方向变化的相互作用引起润滑油的聚集，这样在高温下分离出来的润滑油被集中收集，并自动返回到压缩机曲轴箱中
- ◆表面耐腐蚀的静电喷涂工艺，防止壳体外生锈
- ◆减小系统高压端的振动和噪声
- ◆最大工作压力为：3.5Mpa

- ◆Hermetic welded construction with steel oil return system (1/4" or 3/8" SAE connectors).
- ◆Trusty shut-off of needle valve.
- ◆The interaction of low flow speed and the changing of flow direction causing the gathering, and automatically returning it to the compressor crankcase.
- ◆Surface corrosion resistant static electrical painting procedure protecting the shell from the rust.
- ◆Can reduce the vibration and noise of system high pressure end
- ◆Maximun working pressure: 3.5Mpa



产品结构 Product Structure

- 1、焊接口ODF Connection(TP2Y2)
- 2、过滤网Mesh(0 Cr18Ni9Ti)
- 3、挡板装置Holding plate set (08F)
- 4、回油管Oil concentrator (Q235)
- 5、浮球Floating ball(ST12)
- 6、针形阀Needle valves(20#)



技术参数 Specification

型号 TYPE	焊接口 (in) ODF	回油管 接口	外形尺寸 (in) Dimensions			在下列蒸发温度时的制冷量 (KW) Capacity under the appointed temperature								
						R22/R407C		R502		R134a		R404A/R507		
			A	L	L1	-40℃	+5℃	-40℃	+5℃	-40℃	+5℃	-20℃	+5℃	
921450	XFW-55824	1/2	3/8	4.02	9.45	1.18	5.31	7.08	5.31	7.08	3.54	6.2	5.31	7.0
921452	XFW-55855	5/8	3/8	4.02	11.89	1.18	15.9	19.5	16.8	20.36	11.5	15.9	14.16	19.0
921454	XFW-55877	7/8	3/8	4.02	13.47	1.38	24.8	28.3	26.6	30.9	16.8	23.0	23.01	30.0
921456	XFW-55899	1-1/8	3/8	4.02	14.25	1.38	31.9	37.2	33.6	40.71	23.0	30.1	30.09	38.0
921458	XFW-559011	1-3/8	3/8	4.02	17.4	1.67	40.7	47.8	42.5	51.33	28.3	40.7	37.17	49.0
	XFW-569011	1-3/8	3/8	6.26	16.93	1.54	49.6	62.0	56.6	61.95	33.6	46.9	49.56	60.0
921460	XFW-569213	1-5/8	3/8	6.26	16.93	1.48	56.6	63.7	70.8	84.96	41.6	56.6	61.95	81.0
921462	XFW-569417	1-7/8	3/8	6.26	16.93	1.46	88.5	106.0	106.0	123.90	63.7	89.4	82.04	121.0

型号 TYPE	焊接口 (in) ODF	回油管 接口	外形尺寸 (in) Dimensions			在下列蒸发温度时的制冷量 (KW) Capacity under the appointed temperature								
						R22/R407C		R502		R134a		R404A/R507		
			L1	A	L1	-40℃	+5℃	-40℃	+5℃	-40℃	+5℃	-20℃	+5℃	
	XFW-5201	1/2	1/4	9.45	4.02	1.1	6.0	8.0	6.5	7.9	5.3	6.1	6.4	8.8
	XFW-5202	5/8	1/4	12.8	4.02	1.1	18.5	24.5	19.7	24.5	16.4	18.9	19.8	27.3
	XFW-5203	7/8	1/4	15.75	4.02	1.46	21.0	27.8	22.3	27.6	18.6	21.3	22.5	30.8
	XFW-5204	1-1/8	1/4	16.93	4.02	1.39	24.6	31.8	25.4	31.5	21.3	24.4	25.6	35.2
	XFW-5205	1-3/8	1/4	18.58	4.02	1.67	27.0	35.7	28.6	35.4	23.8	27.4	28.9	39.6
	XFW-6203	1-3/8	1/4	16.93	6.26	1.54	30.3	42.0	31.6	42.2	25.9	32.2	37.3	49.2
	XFW-6204	1-5/8	1/4	16.93	6.26	1.48	37.3	49.6	39.5	49.4	33.1	38.0	40.1	54.8
	XFW-6205	1-7/8	1/4	16.93	6.26	1.46	48.3	63.8	61.0	63.4	42.5	48.8	51.5	70.6