

SRS系列
半封闭单级螺杆压缩机

17090001

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经销商：

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瑞典 SRM

全球螺杆压缩机的创始者和领导者
传承100年的技术品质&能源效率



专注螺杆，百年如一

全球超过300万台螺杆压缩机
均来自SRM的技术授权



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SRS系列半封闭高效变频螺杆压缩机结构图

SRS系列半封闭冷冻螺杆压缩机，专用于中低温领域，进气温度范围-45℃ ~ +20℃，排气温度+40℃ ~ +120℃，适用于R404A、R507A、R22、R134a、R290、R717等各种常规制冷剂。压缩机可广泛应用于冰蓄冷工程、食品速冻、船舶制冷和低温冷藏等领域。

SRS压缩机共有14种型号，排气量范围85 ~ 500m³/h@50Hz，功率范围20Hp ~ 150Hp@50Hz。其中SRS-08S/08M/08L/10S/10L/12S/12M/12L型号压缩机为旁通活塞式制冷量控制，SRS-14S/14M/14L/16S/16M/16L型号压缩机为滑阀式制冷量控制。

壳体

- 高强度机体设计，工作压力达28bar；
- 优化进气流道设计，进气阻力小，同时能充分冷却电机；中间直通气道，减小沿程损失；排气气流损失小，损耗低；
- 集成油路系统，安装简便，故障率低；
- 整机尺寸小，集过滤器、截止阀、温度传感器和油流量开关等与机身一体，结构紧凑。



电机

- 特殊定制材料，实现氨用；
- 搭载高效永磁同步变频电机，极大地提升制冷容量和应用范围；永磁同步电机功率因数大，损耗小；
- 采用变频控制，根据负荷变化调整转速，提高低负载时电机运行效率；
- 使用制冷剂环流高效冷却，确保电机长时间稳定高效运行。



转子

- SRM "I"型专利型线，最佳齿数5+7组合，高效率，运行平稳，有效应用中低温制冷；
- 优质锻钢材料加工而成，高强度、耐磨损；
- 微米级加工精度，啮合紧密，受力均匀，使用寿命长；
- 新技术，最高转速可达5000rpm，极大提升单机制冷容量。

吸气过滤器



- 间隙100 μm的内置吸气过滤器，去除制冷气体中杂质并保护电机。

电机保护

- INT69 SNY保护模块，电机温度过高、逆向以及缺相保护；
- 6个串联的PTC热敏电阻防止电机高温而被烧坏；
- 电机运行状态反馈，且实现实时监控。



能量调节

- 按工况需求，选择无级能量调节或者有级能量调节；
- 控制滑阀介于壳体与转子之间，设计合理、紧凑，密封性能优越。



轴承

- 多轴承组合配对，避免转子轴向/径向磨损，超高载荷、低噪音；
- 高精度、高耐磨滚动体及特殊型线滚道，设计寿命达4万小时。



截止阀

- 内置排气止回阀，阻力低、有效防止停机时制冷剂回流；
- 截止阀可旋转360°，安装简单、紧凑和灵活。



VI (内容积比)

- 最佳效率原则选择固定VI、手动大范围调节或自动无级调节；
- VI调节与电机的变速控制大幅度提高COP系数（部分负荷工况下，节能效果尤为突出），在变工况下有巨大优势。



型号说明

压缩机		SRS	-	16	L	M	A	L
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系列	
SRS	雪人半封闭螺杆压缩机

螺杆直径	
08	Φ80mm
10	Φ100mm
12	Φ120mm
14	Φ140mm
16	Φ160mm

螺杆长度	
L	长
M	中
S	短

Vi调节方式	
A	自动调节 (SRS-14~16)
M	手动调节 (SRS-14~16)
H	固定高Vi (SRS-08~12)

制冷剂	
A	R717
F	CFCs

电制	
L	220V AC 50/60Hz
M	110V AC 50/60Hz
Y	24V AC 50/60HZ

技术数据

压缩机型号		氟用压缩机							
		08S	08M	08L	10S	10L	12S	12M	12L
电机名义功率	Hp/KW	25/18.5	30/22	35/26	40/30	50/37	60/45	70/52	75/55
排气量50/60 Hz	m³/h	85/102	100/120	120/144	140/168	168/202	210/252	230/276	250/300
重量	Kg	190	200	210	245	250	365	370	375
排气管内径尺寸 Φ	mm/inchs	42 1-5/8"	42 1-5/8"	42 1-5/8"	42 1-5/8"	42 1-5/8"	54 2-1/8"	54 2-1/8"	54 2-1/8"
吸气管内径尺寸 Φ	mm/inchs	54 2-1/8"	54 2-1/8"	54 2-1/8"	54 2-1/8"	54 2-1/8"	80 3-1/8"	80 3-1/8"	80 3-1/8"
油路接头	mm/inchs	3/8" SAE			Φ22/M26 × 1.5				
能量调节		有级: 100%-75%-50%							
保护模块		INT69 SNY							
标准电机		400V/3/50Hz或460V/3/60Hz							
部分绕组启动电流 PWDOL	A	140/215	175/271	200/308	277/398	303/406	262/422	280/459	351/580
星-三角启动电流 Y/DOL	A	71/215	90/271	103/308	133/398	135/406	139/422	159/459	193/580
最大运行电流	A	42	49	59	70	80	105	120	135

压缩机型号		氟用压缩机					
		14S	14M	14L	16S	16M	16L
电机名义功率	Hp/KW	90/66	100/75	110/82	125/90	140/105	150/112
排气量50/60 Hz	m³/h	310/372	340/408	370/444	420/504	450/540	500/600
重量	Kg	505	510	515	680	690	700
排气管内径尺寸 Φ	mm/inchs	67 2-5/8"	67 2-5/8"	67 2-5/8"	80 3-1/8"	80 3-1/8"	80 3-1/8"
吸气管内径尺寸 Φ	mm/inchs	92 3-5/8"	92 3-5/8"	92 3-5/8"	104.8 4-1/8"	104.8 4-1/8"	104.8 4-1/8"
油路接头	mm/inchs	Φ22/M26 × 1.5					
能量调节		有级: 100%-75%-50%-25% 无级: 100+25% (可按需提供)					
保护模块		INT69SNY					
标准电机		400V/3/50Hz或460V/3/60Hz					
部分绕组启动电流 PWDOL	A	462/693	462/693	635/953	584/876	770/1155	770/1155
星-三角启动电流 Y/DOL	A	224/693	224/693	318/953	276/876	354/1155	354/1155
最大运行电流	A	142	154	170	185	200	220

技术数据

压缩机型号		氨用压缩机							
		08S	08M	08L	10S	10L	12S	12M	12L
电机额定功率	KW	22	27	33	45	45	54	62	72
额定频率	Hz	180	180	180	180	180	180	180	180
额定转速	RPM	3600	3600	3600	3600	3600	3600	3600	3600
额定线电压	V	379	378	395	374	374	348	335	307
额定线电流	A	37	45	54	77	77	101	122	151
空载线反电动势	V	330	324	328	310	310	287	274	251
控制线电压	V	≥400V							
排气量50/60 Hz	m³/h	85/102	100/120	120/144	140/168	168/202	210/252	230/276	250/300
重量	Kg	190	195	205	240	260	355	360	365
排气管内径尺寸 Φ	mm/ inches	42	42	42	42	42	57	57	57
吸气管内径尺寸 Φ	mm/inchs	57	57	57	57	57	76	76	76
油路接头	mm	Φ10(卡套式)				Φ22/M26 × 1.5			
能量调节		有级: 100%-75%-50%							
保护模块		INT69 SNY							

压缩机型号		氨用压缩机					
		14S	14M	14L	16S	16M	16L
电机额定功率	KW	90	90	107	134	134	134
额定频率	Hz	180	180	180	180	180	180
额定转速	RPM	3600	3600	3600	3600	3600	3600
额定线电压	V	267	267	291	380	380	380
额定线电流	A	214	214	234	225	225	225
空载线反电动势	V	221	221	236	299	299	299
控制线电压	V	≥400V					
排气量50/60 Hz	m³/h	310/372	340/408	370/444	420/504	450/540	500/600
重量	Kg	505	510	515	670	675	680
排气管内径尺寸 Φ	mm/ inches	65	65	65	76	76	76
吸气管内径尺寸 Φ	mm/inchs	89	89	89	108	108	108
油路接头	mm	Φ22/M26 × 1.5			Φ28/M26 × 1.5		
能量调节		有级: 100%-75%-50%-25% 无级: 100 ÷ 25%					
保护模块		INT69SNY					

技术特点

结构紧凑, 拆装方便

- 内置油过滤器、吸气过滤器
- 双侧均可安装截止阀并可360° 方向旋转
- 优越的润滑性能
- 可靠、操作安全

安全可靠、多重保护

- 标配INT69 SNY保护模块, 电机温度过高、逆向以及缺相保护
- 标配油流量开关, 监控油循环
- 标配PTC140℃温度传感器, 监控排气温度
- 标配油路通断截止阀和传感器, 防止停机时过多的油流入压缩机
- 可选配压差开关, 监控油过滤器前后压差(仅氨用压缩机可选)

高效转子

- “I”型专利型线, 最佳齿数5+7组合, 高效率, 运行平稳, 有效应用中低温制冷
- 微米级加工精度, 啮合紧密, 受力均匀, 使用寿命长, 转速可达5000rpm, 极大提升单机制冷容量

供货范围

主要部件

标准供货范围包括: 压缩机机体, 氟用电机(400V/3/50Hz-460V/3/60Hz)或氨用同步变频电机, 吸气截止阀, 排气截止阀, 内置排气单向阀, 内置安全阀, 能量调节组件, 内埋有6个PTC温度传感器的电机, PTC排气温度传感器, 防护等级为IP54的接线盒, 电子保护模块INT69 SNY, 充氮保护, 橡胶减震垫, 进油接头。

SRS-12~16型号压缩机标准供货还包括: 可更换油过滤器, 油视镜, 油流量开关, 油路通断截止阀, 油路通断传感器。

SRS-14~16型号压缩机标准供货还包括: 手动V_i调节装置。

其他附件

以下附件可选: 特殊电制的电机, 带截止阀的经济器接头, 润滑油, 特殊电压电气附件。

SRS-12~16型号压缩机可选供货还包括: 压差开关(仅氨用压缩机可选)。

SRS-14~16型号压缩机可选供货还包括: 自动V_i调节装置、喷液接头、容量位移传感器。

如需要, 也可以提供各种型号的油分离器和油冷却器(请咨询雪人股份)。

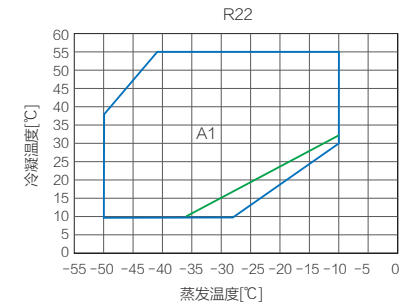
噪音低、振动小

软件、文档和技术支持

如有其他制冷系统部件的需求, 雪人公司可以直接进行选型:

- 油分离器
- 油冷却器
- 经济器

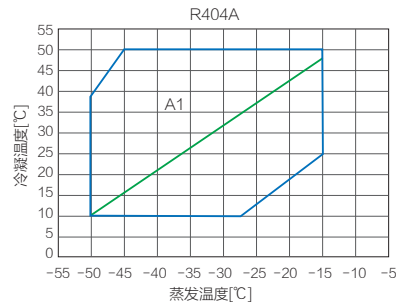
应用范围



50[Hz]供电频率下满负载运行应用范围

吸气过热度10[K]

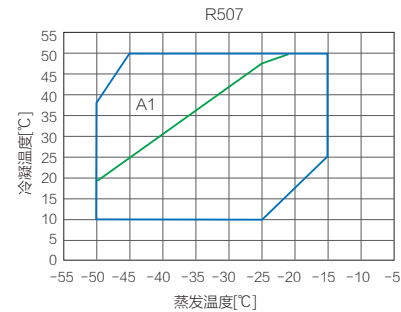
A1: 油冷



50[Hz]供电频率下满负载运行应用范围

吸气过热度10[K]

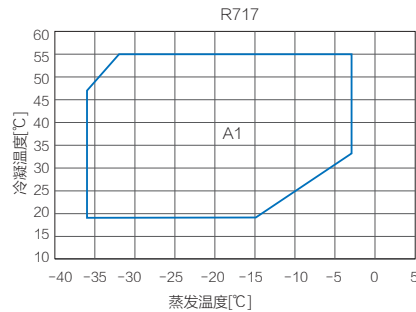
A1: 油冷



50[Hz]供电频率下满负载运行应用范围

吸气过热度10[K]

A1:油冷



150~210[Hz]变频下满负载运行应用范围

吸气过热度5[K]

A1:油冷

性能参数

SRS (可带经济器), 制冷剂R22

SRS-08S(R22)												
Tc	20		30		40		45		50		55	
Te	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa
-50	10.9	11.1	10.2	12	-	-	-	-	-	-	-	-
-40	17.5	11.4	16	12.6	13.5	15.1	11.9	16.6	10.1	18.1	8.2	19.6
-35	22.5	11.8	20.5	13.1	17.5	15.7	15.6	17.2	13.6	18.8	11.5	20.4
-30	28.6	12.5	26.1	13.8	22.5	16.4	20.4	18	18.2	19.6	15.8	21.2
-25	36	13.3	32.8	14.6	28.7	17.2	26.3	18.8	23.7	20.4	21	22
-20	44.6	14.4	40.8	15.6	35.9	18.2	33.2	19.7	30.3	21.4	27.3	22.9
-10	-	-	-	-	-	-	-	-	-	-	43.2	24.9

SRS-08S(R22)with ECO/带经济器												
Tc	20		30		40		45		50		55	
Te	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa
-50	13.9	12.2	13.7	13.4	-	-	-	-	-	-	-	-
-40	21.3	12.5	20.6	14.3	18.4	17.4	16.9	19.3	15.0	21.2	12.9	23.0
-35	26.7	12.9	25.7	14.8	23.3	18.2	21.5	20.2	19.6	22.2	17.3	24.3
-30	33.2	13.5	31.9	15.3	29.2	18.9	27.4	21.1	25.3	23.3	22.9	25.5
-25	40.8	14.1	39.2	16.1	36.2	19.6	34.2	21.9	32.0	24.2	29.5	26.4
-20	49.4	15.0	47.5	16.9	44.2	20.6	42.1	22.7	39.7	25.1	37.1	27.4
-10	-	-	-	-	-	-	-	-	-	-	55.4	28.9

SRS-08M(R22)												
Tc	20		30		40		45		50		55	
Te	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa
-50	12.6	12.7	11.8	13.7	-	-	-	-	-	-	-	-
-40	20.3	13.0	18.6	14.3	15.6	17.1	13.8	18.9	11.7	20.6	9.6	22.3
-35	26.0	13.5	23.8	14.9	20.3	17.8	18.1	19.6	15.8	21.4	13.4	23.2
-30	33.2	14.2	30.3	15.7	26.1	18.6	23.7	20.4	21.1	22.3	18.3	24.1
-25	41.8	15.2	38.1	16.6	33.2	19.6	30.5	21.4	27.5	23.3	24.4	25.1
-20	51.8	16.4	47.3	17.8	41.7	20.7	38.5	22.5	35.2	24.3	31.7	26.1
-10	-	-	-	-	-	-	-	-	-	-	50.1	28.4

SRS-08M(R22)with ECO/带经济器												
Tc	20		30		40		45		50		55	
Te	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa
-50	15.9	14.0	15.7	15.3	-	-	-	-	-	-	-	-
-40	24.4	14.2	23.5	16.2	21.1	19.8	19.3	21.9	17.2	24.1	14.7	26.2
-35	30.5	14.7	29.3	16.8	26.6	20.7	24.5	23.0	22.4	25.3	19.8	27.6
-30	37.9	15.3	36.4	17.4	33.3	21.5	31.3	24.0	28.8	26.5	26.1	29.0
-25	46.5	16.1	44.7	18.3	41.3	22.4	39.0	24.9	36.5	27.6	33.6	30.1
-20	56.3	17.1	54.1	19.3	50.4	23.4	48.0	25.9	45.3	28.6	42.3	31.2
-10	-	-	-	-	-	-	-	-	-	-	62.9	32.9

SRS-08L(R22)												
Tc	20		30		40		45		50		55	
Te	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa
-50	15.3	15.2	14.3	16.3	-	-	-	-	-	-	-	-
-40	24.5	15.5	22.4	17.1	18.8	20.5	16.6	22.5	14.2	24.6	11.5	26.7
-35	31.4	16.1	28.7	17.8	24.4	21.3	21.8	23.4	19.1	25.6	16.1	27.7
-30	40.1	17	36.5	18.7	31.5	22.3	28.6	24.4	25.4	26.7	22.1	28.8
-25	50.4	18.1	46	19.9	40.1	23.4	36.8	25.6	33.2	27.8	29.4	30
-20	62.5	19.6	57.1	21.3	50.3	24.7	46.5	26.9	42.4	29.1	38.2	31.2
-10	-	-	-	-	-	-	-	-	-	-	60.4	33.9

SRS-08L(R22)with ECO/带经济器												
Tc	20		30		40		45		50		55	
Te	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa
-50	18.9	16.7	18.6	18.3	-	-	-	-	-	-	-	-
-40	28.8	17.0	27.8	19.4	24.9	23.7	22.8	26.2	20.3	28.8	17.4	31.3
-35	36.0	17.5	34.6	20.0	31.4	24.7	29.0	27.5	26.5	30.3	23.4	33.0
-30	44.6	18.4	42.9	20.8	39.3	25.7	36.9	28.6	34.0	31.7	30.8	34.6
-25	54.7	19.2	52.8	21.9	48.6	26.7	46.0	29.8	42.9	32.9	39.6	36.1
-20	66.0	20.4	63.5	23.1	59.2	27.9	56.4	31.0	53.2	34.2	49.7	37.3
-10	-	-	-	-	-	-	-	-	-	-	73.6	39.3

SRS-10S(R22)												
Tc	20		30		40		45		50		55	
Te	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa
-50	17.3	16.9	16.2	18.2	-	-	-	-	-	-	-	-
-40	27.8	17.3	25.4	19	21.4	22.8	18.9	25.1	16.1	27.4	13.1	29.7
-35	35.7	17.9	32.6	19.8	27.8	23.7	24.7	26.1	21.7	28.5	18.3	30.9
-30	45.5	18.9	41.5	20.8	35.8	24.8	32.5	27.2	28.9	29.7	25.1	32.1
-25	57.2	20.2	52.2	22.1	45.6	26.1	41.8	28.5	37.7	31	33.4	33.4
-20	71	21.9	64.9	23.7	57.2	27.5	52.8	29.9	48.2	32.4	43.4	34.7
-10	-	-	-	-	-	-	-	-	-	-	68.6	37.8

SRS-10S(R22)with ECO/带经济器												
Tc	20		30		40		45		50		55	
Te	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa
-50	21.9	18.6	21.7	20.4	-	-	-	-	-	-	-	-
-40	33.5	19.0	32.4	21.5	29.1	26.3	26.7	29.2	23.8	32.1	20.4	34.9
-35	41.9	19.5	40.4	22.3	36.7	27.5	33.9	30.7	31.0	33.7	27.5	36.8
-30	52.0	20.4	50.1	23.1	46.0	28.6	43.2	31.9	39.9	35.3	36.2	38.6
-25	63.8	21.4	61.4	24.4	56.9	29.8	53.9	33.2	50.4	36.7	46.6	40.1
-20	77.1	22.8	74.3	25.7	69.4	31.1	66.2	34.4	62.6	38.1	58.5	41.5
-10	-	-	-	-	-	-	-	-	-	-	86.8	43.8

性能参数

SRS (可带经济器), 制冷剂R22

SRS-16M(R22)												
Tc	20		30		40		45		50		55	
Te	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa
-50	57.2	49.1	53.6	52.9	-	-	-	-	-	-	-	-
-40	91.8	50.2	84.1	55.4	70.7	66.4	62.4	73	53.2	79.8	43.3	86.4
-35	118	52.1	107.6	57.7	91.7	69.1	81.7	75.9	71.7	83	60.6	89.8
-30	150.3	54.9	137	60.6	118.3	72.2	107.3	79.2	95.4	86.4	82.9	93.4
-25	189.1	58.7	172.6	64.3	150.6	75.9	138	82.9	124.5	90.1	110.4	97.1
-20	234.6	63.6	214.4	68.9	188.9	80.2	174.5	87	159.3	94.1	143.4	101.1
-10	-	-	-	-	-	-	-	-	-	-	226.8	109.9

SRS-16M(R22)with ECO/带经济器												
Tc	20		30		40		45		50		55	
Te	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa
-50	68.6	54.1	67.0	59.3	-	-	-	-	-	-	-	-
-40	105.1	55.1	100.8	62.7	89.6	76.6	81.7	84.9	72.5	93.4	61.9	101.4
-35	131.7	56.8	125.8	65.0	113.1	80.1	104.0	89.2	94.5	98.2	83.3	106.9
-30	163.7	59.3	156.3	67.4	141.9	83.2	132.5	92.8	121.7	102.7	109.7	112.2
-25	200.9	62.3	191.9	70.9	175.9	86.7	165.6	96.6	154.0	106.7	141.2	116.7
-20	243.2	66.2	232.5	74.7	214.9	90.6	203.8	100.2	191.4	110.5	177.7	120.8
-10	-	-	-	-	-	-	-	-	-	-	264.9	127.5

SRS-16L(R22)												
Tc	20		30		40		45		50		55	
Te	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa
-50	63.1	54.6	59	58.8	-	-	-	-	-	-	-	-
-40	101.2	55.8	92.6	61.6	77.9	73.8	68.7	81.2	58.6	88.8	47.7	96.1
-35	130	57.9	118.6	64.1	101.1	76.8	90	84.4	79	92.3	65.8	99.9
-30	165.6	61.1	151	67.4	130.3	80.3	118.2	88.1	105.1	96.1	91.3	103.8
-25	208.4	65.3	190.1	71.5	165.9	84.4	152	92.2	137.2	100.2	121.7	108
-20	258.5	70.7	236.3	76.6	208.1	89.1	192.3	96.8	175.5	104.7	158	112.4
-10	-	-	-	-	-	-	-	-	-	-	249.9	122.2

SRS-16L(R22)with ECO/带经济器												
Tc	20		30		40		45		50		55	
Te	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa
-50	75.1	60.2	72.9	65.9	-	-	-	-	-	-	-	-
-40	115.9	61.2	110.5	69.7	97.6	85.2	88.8	94.5	78.5	103.9	67.0	112.8
-35	145.7	63.1	138.5	72.2	123.7	89.0	113.3	99.1	102.7	109.2	90.3	119.0
-30	181.7	66.0	172.5	74.9	155.7	92.5	144.9	103.2	132.7	114.2	119.2	124.7
-25	223.6	69.3	212.5	78.8	193.7	96.4	181.8	107.4	168.5	118.7	154.0	129.8
-20	271.5	73.5	258.3	83.1	237.5	100.6	224.5	111.5	210.1	123.0	194.4	134.3
-10	-	-	-	-	-	-	-	-	-	-	292.1	141.8

图例

Pf=冷量 (KW) Pa=输入电功率 (KW)

Te=蒸发温度 (°C) Tc=冷凝温度 (°C)

50Hz 频率

液体过冷度5K

吸气过热度10K

此工况范围内不需要油冷却

此工况范围内需要油冷却 (具体参看“应用范围”章节)

性能参数

SRS (可带经济器), 制冷剂R404A

SRS-08S(R404A)												
Tc	20		30		35		40		45		50	
Te	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa
-50	11.5	11.6	9.5	13.7	8.2	15	-	-	-	-	-	-
-40	19.6	12.4	16.5	14.7	14.6	16.2	12.6	17.9	10.5	19.5	8.3	21.1
-35	25.4	13.1	21.5	15.4	19.3	17	16.9	18.6	14.5	20.3	11.9	21.9
-30	32.4	14	27.8	16.3	25.1	17.8	22.4	19.5	19.4	21.2	16.5	22.8
-25	40.9	15.1	35.3	17.3	32.2	18.8	28.9	20.5	25.6	22.1	22.1	23.7
-20	50.8	16.4	44.2	18.5	40.6	19.9	36.8	21.5	32.9	23.1	28.9	24.7
-15	-	-	-	-	-	-	-	-	-	-	36.9	25.7

SRS-08S(R404A)with ECO/带经济器												
Tc	20		30		35		40		45		50	
Te	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa
-50	15.6	13.4	13.8	16.4	12.6	18.2	-	-	-	-	-	-
-40	24.9	14.0	22.5	17.5	20.8	19.7	18.8	22.3	16.6	24.7	14.2	26.3
-35	31.4	14.7	28.5	18.1	26.5	20.5	24.3	23.0	21.9	25.6	19.2	27.0
-30	38.9	15.4	35.6	18.8	33.4	21.1	30.9	23.7	28.2	26.4	25.2	27.7
-25	47.6	16.3	43.9	19.5	41.4	21.9	38.7	24.5	35.6	27.0	32.3	28.3
-20	57.5	17.3	53.3	20.5	50.6	22.6	47.5	25.1	44.2	27.7	40.5	28.8
-15	-	-	-	-	-	-	-	-	-	-	49.9	29.9

SRS-08M(R404A)												
Tc	20		30		35		40		45		50	
Te	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa
-50	13.4	13.2	11	15.5	9.5	17.1	-	-	-	-	-	-
-40	22.7	14.1	19.1	16.7	16.9	18.5	14.6	20.3	12.2	22.2	9.7	24
-35	29.4	14.9	25	17.5	22.4	19.3	19.6	21.2	16.8	23.1	13.8	24.9
-30	37.6	15.9	32.2	18.5	29.2	20.3	25.9	22.2	22.6	24.1	19.1	25.9
-25	47.4	17.1	41	19.7	37.4	21.4	33.6	23.3	29.7	25.2	25.7	27
-20	58.9	18.6	51.3	21	47.1	22.7	42.7	24.5	38.1	26.3	33.5	28.1
-15	-	-	-	-	-	-	-	-	-	-	42.8	29.2

SRS-08M(R404A)with ECO/带经济器												
Tc	20		30		35		40		45		50	
Te	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa
-50	17.8	15.2	15.9	18.5	14.4	20.8	-	-	-	-	-	-
-40	28.5	16.0	25.7	19.8	23.7	22.5	21.5	25.3	19.0	28.1	16.3	29.9
-35	35.7	16.7	32.5	20.6	30.3	23.3	27.8	26.2	25.0	29.1	21.9	30.7
-30	44.3	17.5	40.6	21.4	38.1	24.1	35.3	27.0	32.1	30.0	28.8	31.5
-25	54.2	18.4	49.9	22.3	47.2	24.9	44.0	27.8	40.6	30.8	36.8	32.2
-20	65.3	19.6	60.5	23.2	57.5	25.8	54.1	28.6	50.3	31.5	46.1	32.7
-15	-	-	-	-	-	-	-	-	-	-	56.7	34.0

SRS-08L(R404A)												
Tc	20		30		35		40		45		50	
Te	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa
-50	16.1	15.8	13.3	18.6	11.5	20.5	-	-	-	-	-	-
-40	27.4	16.9	23	20	20.4	22.1	17.6	24.3	14.7	26.5	11.6	28.6
-35	35.5	17.8	30.1	21	27	23.1	23.7	25.3	20.2	27.6	16.7	29.8
-30	45.4	19	38.9	22.1	35.2	24.2	31.3	26.5	27.2	28.8	23.1	31
-25	57.2	20.5	49.4	23.5	45.1	25.6	40.5	27.8	35.8	30.1	31	32.2
-20	71.1	22.3	61.9	25.1	56.8	27.1	51.5	29.3	46	31.5	40.5	33.6
-15	-	-	-	-	-	-	-	-	-	-	51.6	35

SRS-08L(R404A)with ECO/带经济器												
Tc	20		30		35		40		45		50	
Te	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa
-50	21.1	18.2	18.8	22.2	17.1	24.9	-	-	-	-	-	-
-40	33.6	19.1	30.3	23.8	28.1	26.9	25.5	30.2	22.5	33.5	19.3	35.6
-35	42.0	19.9	38.3	24.7	35.7	27.8	32.8	31.2	29.5	34.8	25.9	36.8
-30	52.0	20.9	47.7	25.5	44.8	28.7	41.5	32.2	37.9	35.8	33.9	37.6
-25	63.4	22.1	58.5	26.5	55.3	29.8	51.7	33.2	47.7	36.8	43.4	38.4
-20	76.2	23.5	70.7	27.8	67.3	30.8	63.3	34.1	58.9	37.7	54.2	39.2
-15	-	-	-	-	-	-	-	-	-	-	66.4	40.8

SRS-10S(R404A)												
Tc	20		30		35		40		45		50	
Te	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa
-50	18.7	17.3	15.4	20.3	13.3	22.3	-	-	-	-	-	-
-40	31.7	18.4	26.7	21.8	23.6	24.1	20.4	26.5	17	28.9	13.5	31.3
-35	41.1	19.4	34.9	22.9	31.3	25.2	27.4	27.7	23.4	30.1	19.3	32.5
-30	52.6	20.7	45	24.2	40.8	26.5	36.2	28.9	31.5	31.4	26.7	33.8
-25	66.3	22.3	57.2	25.7	52.2	27.9	46.9	30.4	41.4	32.8	35.8	35.2
-20	82.3	24.3	71.6	27.4	65.8	29.6	59.6	31.9	53.3	34.3	46.8	36.6
-15	-	-	-	-	-	-	-	-	-	-	59.8	38.1

SRS-10S(R404A)with ECO/带经济器												
Tc	20		30		35		40		45		50	
Te	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf			

性能参数

SRS (可带经济器), 制冷剂R404A

SRS-10L(R404A)													
Tc	20		30		35		40		45		50		
Te	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	
-50	21.8	20	18	23.5	15.6	25.8	-	-	-	-	-	-	-
-40	37.1	21.3	31.2	25.2	27.6	27.9	23.8	30.7	19.8	33.5	15.8	36.2	
-35	48	22.5	40.8	26.5	36.5	29.1	32.1	32	27.4	34.9	22.6	37.6	
-30	61.4	24	52.6	28	47.6	30.6	42.3	33.5	36.8	36.4	31.2	39.1	
-25	77.4	25.9	66.9	29.7	61	32.3	54.8	35.1	48.4	38	41.9	40.7	
-20	96.2	28.1	83.7	31.7	76.8	34.2	69.7	37	62.3	39.7	54.7	42.4	
-15	-	-	-	-	-	-	-	-	-	-	-	69.9	44.1

SRS-10L(R404A)with ECO/带经济器													
Tc	20		30		35		40		45		50		
Te	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	
-50	29.0	23.0	26.0	28.1	23.6	31.3	-	-	-	-	-	-	-
-40	45.9	24.1	41.7	29.9	38.7	34.0	35.2	38.2	31.2	42.4	26.8	45.0	
-35	57.4	25.2	52.6	31.2	49.2	35.1	45.3	39.5	40.8	44.0	36.0	46.4	
-30	70.9	26.4	65.3	32.4	61.6	36.3	57.2	40.7	52.4	45.3	47.1	47.5	
-25	86.4	27.9	80.0	33.5	75.9	37.6	71.1	41.9	65.8	46.4	60.0	48.6	
-20	103.6	29.6	96.6	35.1	92.1	38.9	86.9	43.1	81.1	47.5	74.9	49.4	
-15	-	-	-	-	-	-	-	-	-	-	-	91.5	51.4

SRS-12S(R404A)													
Tc	20		30		35		40		45		50		
Te	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	
-50	26.1	24.3	21.5	28.6	18.6	31.5	-	-	-	-	-	-	-
-40	44.3	26	37.2	30.8	33	34	28.5	37.4	23.7	40.8	18.8	44.1	
-35	57.4	27.4	48.7	32.3	43.7	35.5	38.3	39	32.7	42.5	27	45.9	
-30	73.4	29.2	62.9	34.1	56.9	37.3	50.6	40.8	44	44.3	37.3	47.7	
-25	92.5	31.5	79.9	36.2	72.9	39.4	65.5	42.8	57.9	46.3	50.1	49.6	
-20	115	34.2	100	38.7	91.8	41.7	83.2	45.1	74.4	48.4	65.4	51.6	
-15	-	-	-	-	-	-	-	-	-	-	-	83.5	53.8

SRS-12S(R404A)with ECO/带经济器													
Tc	20		30		35		40		45		50		
Te	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	
-50	35.6	28.0	32.1	34.2	29.4	38.3	-	-	-	-	-	-	-
-40	56.2	29.4	51.4	36.6	47.9	41.4	43.7	46.5	38.9	51.6	33.5	54.9	
-35	70.1	30.7	64.6	38.0	60.7	42.8	56.1	48.1	50.9	53.6	45.1	56.6	
-30	86.5	32.1	80.1	39.4	75.8	44.3	70.8	49.5	65.1	55.1	58.8	57.9	
-25	105.1	33.9	98.0	40.9	93.2	45.8	87.8	51.1	81.6	56.6	74.8	59.2	
-20	125.9	36.1	118.1	42.8	112.9	47.4	107.0	52.6	100.3	57.9	93.1	60.1	
-15	-	-	-	-	-	-	-	-	-	-	-	113.4	62.7

SRS-12M(R404A)													
Tc	20		30		35		40		45		50		
Te	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	
-50	28.9	26.4	23.9	31	20.6	34.2	-	-	-	-	-	-	-
-40	49.1	28.2	41.3	33.4	36.6	36.9	31.6	40.6	26.3	44.3	20.9	47.9	
-35	63.6	29.8	54	35	48.4	38.6	42.5	42.3	36.2	46.2	29.9	49.8	
-30	81.3	31.7	69.7	37	63.1	40.5	56.1	44.3	48.8	48.1	41.3	51.8	
-25	102.5	34.2	88.6	39.3	80.8	42.8	72.6	46.5	64.1	50.3	55.5	53.9	
-20	127.4	37.2	110.8	42	101.7	45.3	92.2	48.9	82.4	52.6	72.5	56.1	
-15	-	-	-	-	-	-	-	-	-	-	-	92.5	58.4

SRS-12M(R404A)with ECO/带经济器													
Tc	20		30		35		40		45		50		
Te	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	
-50	39.1	30.4	35.0	37.1	31.9	41.5	-	-	-	-	-	-	-
-40	62.1	31.9	56.4	39.7	52.3	45.0	47.6	50.5	42.2	56.1	36.3	59.6	
-35	77.8	33.3	71.1	41.2	66.6	46.5	61.3	52.2	55.3	58.3	48.8	61.5	
-30	96.2	34.8	88.6	42.8	83.5	48.1	77.6	53.8	71.0	59.9	63.8	62.9	
-25	117.3	36.9	108.7	44.4	103.0	49.8	96.6	55.5	89.4	61.5	81.5	64.3	
-20	141.0	39.2	131.4	46.5	125.2	51.5	118.2	57.0	110.3	63.0	101.8	65.4	
-15	-	-	-	-	-	-	-	-	-	-	-	124.6	68.1

SRS-12L(R404A)													
Tc	20		30		35		40		45		50		
Te	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	
-50	32.1	29	26.5	34.1	22.9	37.5	-	-	-	-	-	-	-
-40	54.4	31	45.7	36.7	40.5	40.5	35	44.5	29.1	48.7	23.1	52.5	
-35	70.5	32.7	59.8	38.5	53.6	42.3	47	46.5	40.2	50.7	33.1	54.8	
-30	90.1	34.8	77.2	40.6	69.9	44.5	62.1	48.6	54	52.8	45.8	56.8	
-25	113.6	37.6	98.1	43.1	89.5	46.9	80.4	51	71	55.2	61.5	59.1	
-20	141.2	40.8	122.8	46.1	112.7	49.7	102.2	53.7	91.3	57.7	80.3	61.5	
-15	-	-	-	-	-	-	-	-	-	-	-	102.5	64.1

SRS-12L(R404A)with ECO/带经济器													
Tc	20		30		35		40		45		50		
Te	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	
-50	42.9	33.4	38.4	40.8	35.0	45.5	-	-	-	-	-	-	-
-40	67.9	35.1	61.7	43.6	57.3	49.3	52.1	55.4	46.2	61.6	39.7	65.3	
-35	85.0	36.6	77.7	45.3	72.8	51.0	67.0	57.4	60.5	64.0	53.3	67.4	
-30	104.9	38.2	96.7	46.9	91.1	52.8	84.7	59.0	77.6	65.7	69.7	69.0	
-25	127.8	40.5	118.5	48.7	112.4	54.6	105.3	60.9	97.5	67.5	88.9	70.5	
-20	153.4	43.0	143.1	51.0	136.4	56.5	128.8	62.6	120.2	69.1	110.9	71.7	
-15	-	-	-	-	-	-	-	-	-	-	-	135.7	74.7

性能参数

SRS (可带经济器), 制冷剂R404A

SRS-14S(R404A)													
Tc	20		30		35		40		45		50		
Te	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	
-50	40.7	36.9	33.6	43.3	29.1	47.7	-	-	-	-	-	-	-
-40	69.1	39.4	58.1	46.7	51.5	51.5	44.4	56.7	37	61.9	29.4	66.8	
-35	89.6	41.6	76	48.9	68.2	53.8	59.8	59.1	51	64.5	42.1	69.5	
-30	114.6	44.3	98.1	51.7	88.8	56.6	78.9	61.9	68.7	67.2	58.2	72.3	
-25	144.4	47.8	124.7	54.9	113.8	59.7	102.2	64.9	90.3	70.2	78.1	75.2	
-20	179.4	51.9	156.1	58.6	143.3	63.3	129.9	68.3	116.1	73.4	102.1	78.3	
-15	-	-	-	-	-	-	-	-	-	-	-	130.3	81.6

SRS-08S(R404A)with ECO/带经济器													
Tc	20		30		35		40		45		50		
Te	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	
-50	53.0	42.5	47.0	51.8	42.5	57.9	-	-	-	-	-	-	-
-40	84.8	44.6	76.2	55.5	70.3	62.7	63.5	70.5	55.9	78.3	47.7	83.1	
-35	106.5	46.5	96.4	57.6	89.7	64.9	82.0	72.9	73.5	81.4	64.4	85.8	
-30	132.1	48.7	120.5	59.8	112.9	67.2	104.3	75.2	94.8	83.6	84.6	87.8	
-25	161.5	51.5	148.3	62.0	139.9	69.4	130.3	77.4	119.8	85.8	108.4	89.7	
-20	194.7	54.8	180.0	64.8	170.6	71.9	160.1	79.6	148.5	87.9	135.9	91.2	
-15	-	-	-	-	-	-	-	-	-	-	-	167.2	95.1

SRS-14M(R404A)													
Tc	20		30		35		40		45		50		

性能参数

SRS (可带经济器), 制冷剂R404A

SRS-16M(R404A)												
Tc	20		30		35		40		45		50	
Te	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa
-50	59.9	51.2	49.5	60.2	42.7	66.3	-	-	-	-	-	-
-40	101.7	54.7	85.5	64.8	75.8	71.5	65.4	78.7	54.4	86	43.2	92.8
-35	131.7	57.7	111.8	68	100.3	74.8	87.9	82.1	75.1	89.5	61.9	96.6
-30	168.5	61.6	144.3	71.8	130.6	78.6	116.1	85.9	101	93.4	85.6	100.4
-25	212.4	66.3	183.4	76.2	167.3	82.9	150.3	90.1	132.8	97.5	114.9	104.5
-20	263.9	72.1	229.6	81.4	210.7	87.9	191.1	94.9	170.8	102	150.1	108.7
-15	-	-	-	-	-	-	-	-	-	-	191.6	113.3

SRS-16M(R404A)with ECO/带经济器												
Tc	20		30		35		40		45		50	
Te	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa
-50	74.3	58.9	65.1	72.0	58.6	80.5	-	-	-	-	-	-
-40	119.3	61.9	106.2	77.0	97.4	87.1	87.5	97.9	76.6	108.8	64.8	115.5
-35	150.0	64.5	134.7	80.0	124.7	90.2	113.4	101.3	101.0	112.9	87.7	119.2
-30	186.4	67.7	168.7	83.0	157.3	93.3	144.6	104.3	130.6	116.2	115.7	121.9
-25	228.2	71.4	208.1	86.1	195.4	96.4	181.1	107.5	165.5	119.2	148.8	124.7
-20	275.4	76.1	252.9	90.1	238.8	99.9	223.0	110.6	205.8	122.1	187.2	126.7
-15	-	-	-	-	-	-	-	-	-	-	230.9	132.0

SRS-16L(R404A)												
Tc	20		30		35		40		45		50	
Te	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa
-50	67.8	57	56	66.9	48.4	73.7	-	-	-	-	-	-
-40	115.1	60.9	96.8	72	85.8	79.5	74	87.5	61.6	95.6	48.9	103.2
-35	149.1	64.2	126.6	75.6	113.5	83.2	99.5	91.3	85	99.6	70.1	107.4
-30	190.7	68.5	163.4	79.8	147.9	87.4	131.4	95.5	114.4	103.8	96.9	111.7
-25	240.4	73.8	207.7	84.8	189.4	92.2	170.2	100.2	150.3	108.4	130	116.2
-20	298.7	80.2	259.9	90.6	238.6	97.7	216.3	105.5	193.3	113.4	169.9	120.9
-15	-	-	-	-	-	-	-	-	-	-	216.6	126

SRS-12S(R404A)with ECO/带经济器												
Tc	20		30		35		40		45		50	
Te	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa
-50	82.5	65.6	71.5	80.0	63.9	89.5	-	-	-	-	-	-
-40	133.8	68.9	117.9	85.6	107.5	96.8	95.9	108.9	83.3	121.0	70.0	128.4
-35	169.2	71.8	150.4	89.0	138.4	100.3	125.0	112.7	110.6	125.7	95.4	132.6
-30	211.3	75.3	189.4	92.2	175.6	103.7	160.4	116.0	143.9	129.2	126.5	135.6
-25	260.1	79.5	234.9	95.8	219.3	107.2	202.1	119.6	183.6	132.5	163.9	138.7
-20	315.5	84.6	287.1	100.2	269.7	111.0	250.4	122.9	229.6	135.7	207.6	140.9
-15	-	-	-	-	-	-	-	-	-	-	257.7	146.8

图例

Pf=冷量 (KW) Pa=输入电功率 (KW)

Te=蒸发温度 (°C) Tc=冷凝温度 (°C)

50Hz 频率

液体过冷度5K

吸气过热度10K

此工况范围内不需要油冷却

此工况范围内需要油冷却 (具体参看“应用范围”章节)

性能参数

SRS (可带经济器), 制冷剂R717

SRS-14S(R404A)										
Tc	20		30		40		45		50	
Te	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa
-35	20.0	11.7	17.5	14.1	12.2	17.1	8.5	18.8	-	-
-30	25.4	12.2	23.5	14.6	18.9	17.5	15.7	19.3	11.8	21.1
-25	32.4	12.9	30.6	15.2	26.4	18.3	23.5	20.0	20.0	22.0
-20	41.2	13.8	39.1	16.1	34.9	19.2	32.0	21.0	28.6	23.0
-15	52.0	14.8	49.1	17.1	44.4	20.2	41.4	22.1	37.9	24.2
-10	-	-	60.7	18.1	55.1	21.3	51.7	23.3	48.0	25.5
-5	-	-	-	-	67.2	22.4	63.3	24.4	-	-

SRS-08S(R717)with ECO/带经济器										
Tc	20		30		40		45		50	
Te	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa
-35	22.1	12.6	20.2	15.6	14.6	19.2	10.4	21.6	-	-
-30	27.6	12.9	26.5	15.9	22.3	19.6	18.9	21.9	14.5	24.4
-25	34.6	13.5	33.9	16.3	30.5	20.1	27.7	22.4	24.0	24.9
-20	43.1	14.2	42.4	17.0	39.4	20.8	36.8	23.0	33.6	25.7
-15	53.4	15.0	52.2	17.8	49.1	21.6	46.7	23.9	43.7	26.5
-10	-	-	63.3	18.6	59.7	22.4	57.2	24.7	54.1	27.5
-5	-	-	-	-	71.3	23.2	69.6	25.8	-	-

SRS-08M(R717)										
Tc	20		30		40		45		50	
Te	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa
-35	23.9	13.8	21.0	16.8	14.6	20.3	10.1	22.3	-	-
-30	30.4	14.4	28.1	17.3	22.7	20.8	18.8	22.9	14.1	25.1
-25	38.8	15.3	36.6	18.1	31.7	21.7	28.1	23.8	23.9	26.1
-20	49.4	16.4	46.8	19.1	41.8	22.8	38.3	24.9	34.3	27.3
-15	62.3	17.6	58.8	20.3	53.2	24.0	49.5	26.2	45.4	28.7
-10	-	-	72.7	21.5	66.0	25.3	62.0	27.6	57.5	30.2
-5	-	-	-	-	80.5	26.6	75.8	29.0	-	-

SRS-08M(R717)with ECO/带经济器										
Tc	20		30		40		45		50	
Te	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa
-35	26.5	14.9	24.2	18.5	17.5	22.9	12.4	25.7	-	-
-30	33.0	15.3	31.7	18.8	26.7	23.3	22.6	26.0	17.3	28.9
-25	41.4	16.0	40.6	19.4	36.5	23.9	33.1	26.5	28.7	29.5
-20	51.7	16.9	50.8	20.2	47.2	24.6	44.1	27.3	40.3	30.5
-15	63.9	17.8	62.5	21.1	58.8	25.6	55.9	28.3	52.3	31.5
-10	-	-	75.9	22.0	71.5	26.6	68.5	29.3	64.8	32.6
-5	-	-	-	-	85.4	27.6	83.4	30.6	-	-

SRS-08L(R717)										
Tc	20		30		40		45		50	
Te	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa
-35	29.0	16.6	25.5	20.1	17.7	24.3	12.3	26.7	-	-
-30	36.8	17.3	34.0	20.7	27.5	24.9	22.8	27.4	17.1	30.0
-25	47.0	18.3	44.4	21.7	38.4	25.9	34.1	28.5	29.0	31.2
-20	59.8	19.6	56.7	22.9	50.6	27.2	46.5	29.8	41.5	32.7
-15	75.5	21.1	71.3	24.3	64.4	28.7	60.1	31.4	55.0	34.4
-10	-	-	88.2	25.7	80.0	30.3	75.1	33.1	69.7	36.2
-5	-	-	-	-	97.6	31.8	91.8	34.7	-	-

SRS-08L(R717)with ECO/带经济器										
Tc	20		30		40		45		50	
Te	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa
-35	32.1	17.8	29.3	22.2	21.2	27.4	15.0	29.8	-	-
-30	40.0	18.3	38.4	22.6	32.3	27.9	27.4	31.1	21.0	34.6
-25	50.2	19.2	49.2	23.2	44.2	28.6	40.1	31.8	34.8	35.4
-20	62.6	20.2	61.6	24.2	57.2	29.5	53.5	32.7	48.8	36.5
-15	77.5	21.4	75.8	25.3	71.2	30.7	67.8	33.9	63.4	37.7
-10	-	-	92.0	26.4	86.7	31.8	83.1	35.1	78.5	39.1
-5	-	-	-	-	103.6	33.0	101.1	36.7	-	-

SRS-10S(R717)										
Tc	20		30		40		45		50	
Te	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa
-35	31.8	17.9	27.2	21.3	20.1	25.2	15.5	27.4	-	-
-30	41.8	19.1	38.2	22.1	31.8	25.8	27.5	28.0	22.5	30.4
-25	53.8	20.7	50.6	23.4	44.2	27.1	40.0	29.4	34.9	32.0
-20	68.1	22.6	64.6	25.1	57.9	29.0	53.3	31.5	47.8	34.3
-15	85.1	24.6	80.8	27.1	73.0	31.3	67.7	34.1	61.7	37.2
-10	-	-	99.3	29.3	89.8	34.0	83.7	37.1	76.7	40.6
-5	-	-	-	-	108.8	36.9	101.5	40.4	-	-

SRS-10S(R717)with ECO/带经济器										
Tc	20		30		40		45		50	
Te	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa
-35	35.3	19.3	31.4	23.5	24.0	28.4	19.0	31.6	-	-
-30	45.5	20.2	43.1	24.1	37.3	28.9	33.0	31.9	27.6	35.1
-25	57.4	21.7	56.0	25.0	51.0	29.9	47.0	32.9	41.9	36.3
-20	71.3	23.3	70.1	26.5	65.4	31.4	61.3	34.5	56.2	38.3
-15	87.4	25.0	85.9	28.3	80.7	33.4	76.4	36.8	71.0	40.8
-10	-	-	103.5	30.1	97.3	35.7	92.6	39.4	86.4	43.9
-5	-	-	-	-	115.5	38.3	111.6	42.7	-	-

性能参数

SRS (可带经济器), 制冷剂R717

SRS-10L(R717)											
Tc	20		30		40		45		50		
Te	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	
-35	38.3	21.4	32.8	25.5	24.2	30.2	18.7	32.7	-	-	
-30	50.4	22.9	46.0	26.4	38.3	30.9	33.1	33.5	27.1	36.4	
-25	64.8	24.8	60.9	27.9	53.3	32.4	48.1	35.2	42.0	38.3	
-20	82.1	27.0	77.9	30.0	69.7	34.6	64.2	37.6	57.6	41.0	
-15	102.5	29.4	97.3	32.4	87.9	37.4	81.6	40.7	74.3	44.5	
-10	-	-	119.6	35.1	108.2	40.6	100.8	44.3	92.4	48.6	
-5	-	-	-	-	131.1	44.1	122.3	48.3	-	-	

SRS-10L(R717)with ECO带经济器											
Tc	20		30		40		45		50		
Te	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	
-35	42.5	23.0	37.8	28.1	28.9	34.0	22.9	37.7	-	-	
-30	54.8	24.2	52.0	28.8	45.0	34.5	39.8	38.1	33.3	42.0	
-25	69.2	26.0	67.5	29.9	61.4	35.8	56.7	39.3	50.5	43.4	
-20	85.9	27.8	84.5	31.7	78.8	37.5	73.9	41.2	67.8	45.7	
-15	105.3	29.9	103.5	33.8	97.2	39.9	92.1	43.9	85.6	48.8	
-10	-	-	124.7	35.9	117.3	42.7	111.5	47.1	104.1	52.5	
-5	-	-	-	-	139.1	45.7	134.5	51.0	-	-	

SRS-12S(R717)											
Tc	20		30		40		45		50		
Te	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	
-35	47.9	26.3	41.0	31.3	30.2	37.1	23.4	40.3	-	-	
-30	63.0	28.1	57.5	32.4	47.8	38.0	41.4	41.2	33.9	44.7	
-25	81.0	30.5	76.1	34.3	66.6	39.9	60.2	43.3	52.5	47.1	
-20	102.6	33.2	97.3	36.9	87.2	42.6	80.2	46.3	72.0	50.4	
-15	128.1	36.2	121.6	39.8	109.9	46.0	102.0	50.1	92.8	54.7	
-10	-	-	149.5	43.1	135.3	50.0	126.1	54.5	115.4	59.7	
-5	-	-	-	-	163.8	54.2	152.8	59.4	-	-	

SRS-12S(R717)with ECO带经济器											
Tc	20		30		40		45		50		
Te	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	
-35	53.1	28.3	47.3	34.6	36.2	41.8	28.6	46.4	-	-	
-30	68.5	29.8	65.0	35.4	56.2	42.5	49.7	46.9	41.6	51.6	
-25	86.5	32.0	84.4	36.8	76.8	44.0	70.8	48.3	63.1	53.3	
-20	107.3	34.2	105.6	39.0	98.5	46.1	92.4	50.7	84.7	56.3	
-15	131.6	36.7	129.4	41.5	121.5	49.1	115.1	54.0	107.0	60.0	
-10	-	-	155.9	44.2	146.6	52.5	139.4	57.9	130.1	64.5	
-5	-	-	-	-	173.9	56.2	168.1	62.7	-	-	

SRS-12M(R717)											
Tc	20		30		40		45		50		
Te	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	
-35	52.7	28.7	45.1	34.1	33.3	40.4	25.7	43.9	-	-	
-30	69.3	30.6	63.3	35.4	52.6	41.4	45.5	44.9	37.3	48.8	
-25	89.1	33.2	83.7	37.4	73.3	43.5	66.2	47.1	57.8	51.3	
-20	112.8	36.2	107.1	40.2	95.9	46.4	88.2	50.4	79.2	55.0	
-15	140.9	39.4	133.8	43.4	120.9	50.2	112.2	54.6	102.1	59.6	
-10	-	-	164.5	47.0	148.8	54.5	138.7	59.4	127.0	65.1	
-5	-	-	-	-	180.2	59.1	168.1	64.7	-	-	

SRS-12M(R717)with ECO带经济器											
Tc	20		30		40		45		50		
Te	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	
-35	58.4	30.9	52.0	37.7	39.8	45.6	31.5	50.6	-	-	
-30	75.3	32.4	71.5	38.6	61.9	46.3	54.7	51.1	45.8	56.3	
-25	95.1	34.8	92.8	40.1	84.4	47.9	77.9	52.7	69.4	58.1	
-20	118.1	37.3	116.2	42.5	108.3	50.3	101.6	55.2	93.2	61.3	
-15	144.8	40.0	142.3	45.3	133.6	53.5	126.6	58.9	117.7	65.4	
-10	-	-	171.5	48.1	161.2	57.2	153.4	63.1	143.1	70.3	
-5	-	-	-	-	191.3	61.3	185.0	68.4	-	-	

SRS-12L(R717)											
Tc	20		30		40		45		50		
Te	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	
-35	57.4	31.0	49.2	36.9	36.3	43.7	28.0	47.5	-	-	
-30	75.5	33.2	69.0	38.3	57.3	44.8	49.6	48.6	40.6	52.8	
-25	97.1	35.9	91.3	40.5	79.9	47.0	72.1	51.0	63.0	55.5	
-20	123.0	39.2	116.7	43.5	104.5	50.2	96.2	54.6	86.4	59.5	
-15	153.6	42.7	145.8	47.0	131.7	54.3	122.3	59.0	111.3	64.5	
-10	-	-	179.3	50.9	162.2	58.9	151.1	64.2	138.4	70.4	
-5	-	-	-	-	196.4	64.0	183.2	70.0	-	-	

SRS-12L(R717)with ECO带经济器											
Tc	20		30		40		45		50		
Te	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	
-35	63.7	33.4	56.7	40.8	43.4	49.1	34.3	54.5	-	-	
-30	82.1	35.1	77.9	41.7	67.4	50.1	59.6	55.3	49.9	60.9	
-25	103.7	37.7	101.2	43.4	92.0	51.9	84.9	57.0	75.7	62.9	
-20	128.7	40.4	126.6	46.0	118.1	54.4	110.7	59.8	101.6	66.3	
-15	157.8	43.3	155.1	49.0	145.6	57.9	138.0	63.7	128.3	70.7	
-10	-	-	187.0	52.1	175.7	61.9	167.2	68.3	156.0	76.1	
-5	-	-	-	-	208.5	66.3	201.6	74.0	-	-	

性能参数

SRS (可带经济器), 制冷剂R717

SRS-14S(R717)											
Tc	20		30		40		45		50		
Te	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	
-35	72.4	39.7	61.2	45.7	59.1	52.8	58.1	56.6	-	-	
-30	98.1	42.2	85.6	49.4	75.4	57.4	71.3	61.6	67.7	66.1	
-25	125.4	44.3	114.0	52.8	98.4	61.8	89.0	66.5	78.6	71.3	
-20	154.4	46.0	146.6	55.9	128.0	66.1	114.7	71.2	98.6	76.5	
-15	185.1	47.4	183.4	58.8	164.4	70.3	148.3	76.1	127.9	81.8	
-10	-	-	224.5	61.7	207.5	74.6	190.0	81.0	166.5	87.3	
-5	-	-	-	-	257.4	79.0	239.7	86.0	-	-	

SRS-14S(R717)with ECO带经济器											
Tc	20		30		40		45		50		
Te	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	
-35	80.2	42.7	70.5	50.5	70.6	60.1	71.1	65.7	-	-	
-30	106.7	44.6	96.6	53.9	88.7	64.1	85.7	70.1	83.2	76.2	
-25	133.9	46.4	126.4	56.5	113.4	68.1	104.8	74.2	94.4	80.8	
-20	161.6	47.4	159.1	59.1	144.6	71.5	132.1	78.1	116.0	85.3	
-15	190.1	48.1	195.1	61.3	181.7	75.0	167.3	82.1	147.4	89.7	
-10	-	-	234.1	63.2	224.8	78.4	210.1	86.1	187.6	94.3	
-5	-	-	-	-	273.2	81.9	263.7	90.9	-	-	

SRS-14M(R717)											
Tc	20		30		40		45		50		
Te	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	
-35	79.6	43.5	67.3	50.1	65.0	57.8	63.9	62.0	-	-	
-30	107.9	46.2	94.2	54.1	83.0	62.8	78.4	67.5	74.5	72.3	
-25	138.0	48.5	125.4	57.8	108.3	67.6	98.0	72.8	86.5	78.1	
-20	169.9	50.4	161.3	61.2	140.9	72.4	126.2	78.0	108.5	83.8	
-15	203.6	51.9	201.8	64.4	180.8	77.0	163.2	83.3	140.7	89.6	
-10	-	-	247.0	67.6	228.2	81.7	209.0	88.7	183.1	95.6	
-5	-	-	-	-	283.2	86.5	263.7	94.2	-	-	

SRS-14M(R717)with ECO带经济器											
Tc	20		30		40		45		50		
Te	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	
-35	88.3	46.8	77.6	55.3	77.7	65.9	78.2	72.0	-	-	
-30	117.4	48.9	106.3	59.0	97.6</						

性能参数

SRS (可带经济器), 制冷剂R717

SRS-16M (R717)											
Tc	20		30		40		45		50		
Te	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	
-35	105.0	57.3	88.9	66.0	85.7	76.2	84.3	81.8	-	-	
-30	142.4	60.9	124.2	71.3	109.5	82.8	103.5	88.9	98.3	95.4	
-25	182.1	63.9	165.5	76.2	142.9	89.2	129.2	95.9	114.1	102.9	
-20	224.1	66.4	212.8	80.7	185.8	95.4	166.5	102.9	143.2	110.5	
-15	268.6	68.5	266.2	85.0	238.6	101.5	215.3	109.8	185.7	118.1	
-10	-	-	325.9	89.1	301.2	107.7	275.7	116.9	241.6	126.0	
-5	-	-	-	-	373.7	114.0	347.9	124.2	-	-	

SRS-16M(R717)with ECO带经济器											
Tc	20		30		40		45		50		
Te	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	
-35	116.5	61.6	102.3	72.9	102.5	86.8	103.1	94.9	-	-	
-30	154.9	64.5	140.3	77.8	128.8	92.6	124.4	101.2	120.7	110.0	
-25	194.4	67.0	183.5	81.6	164.6	98.4	152.2	107.2	137.0	116.6	
-20	234.5	68.4	230.9	85.3	209.9	103.2	191.7	112.7	168.4	123.2	
-15	275.9	69.5	283.2	88.5	263.7	108.3	242.9	118.6	213.9	129.5	
-10	-	-	339.9	91.2	326.3	113.2	305.0	124.2	272.3	136.1	
-5	-	-	-	-	396.6	118.2	382.8	131.2	-	-	

SRS-16L (R717)											
Tc	20		30		40		45		50		
Te	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	
-35	118.0	63.3	99.8	72.9	96.3	84.2	94.7	90.4	-	-	
-30	160.0	67.3	139.6	78.8	123.1	91.5	116.3	98.3	110.4	105.4	
-25	204.6	70.6	186.0	84.2	160.5	98.5	145.2	106.0	128.2	113.7	
-20	251.8	73.4	239.1	89.1	208.8	105.4	187.1	113.7	160.9	122.1	
-15	301.9	75.6	299.2	93.9	268.1	112.2	241.9	121.3	208.6	130.5	
-10	-	-	366.1	98.4	338.4	119.0	309.8	129.1	271.5	139.2	
-5	-	-	-	-	419.8	126.0	390.9	137.2	-	-	

SRS-16L(R717)with ECO带经济器											
Tc	20		30		40		45		50		
Te	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	Pf	Pa	
-35	130.9	68.1	115.0	80.5	115.1	95.9	115.9	104.8	-	-	
-30	174.1	71.2	157.6	86.0	144.7	102.3	139.7	111.8	135.6	121.6	
-25	218.4	74.1	206.1	90.1	184.9	108.7	171.0	118.4	154.0	128.9	
-20	263.5	75.6	259.4	94.3	235.9	114.0	215.4	124.5	189.2	136.2	
-15	310.0	76.8	318.2	97.8	296.3	119.7	272.9	131.0	240.4	143.1	
-10	-	-	381.9	100.8	366.6	125.1	342.7	137.3	305.9	150.4	
-5	-	-	-	-	445.6	130.6	430.2	145.0	-	-	

图例

Pf=冷量 (KW) Pa=输入电功率 (KW)

Te=蒸发温度 (°C) Tc=冷凝温度 (°C)

50Hz 频率

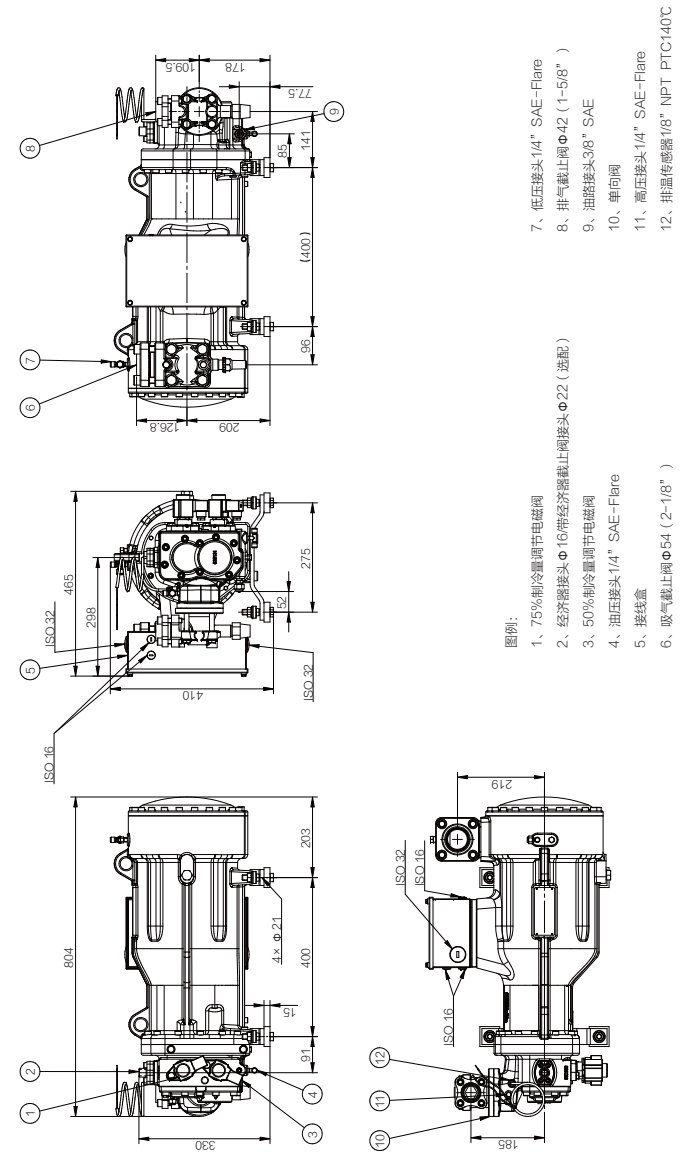
液体过冷度5K

吸气过热度10K

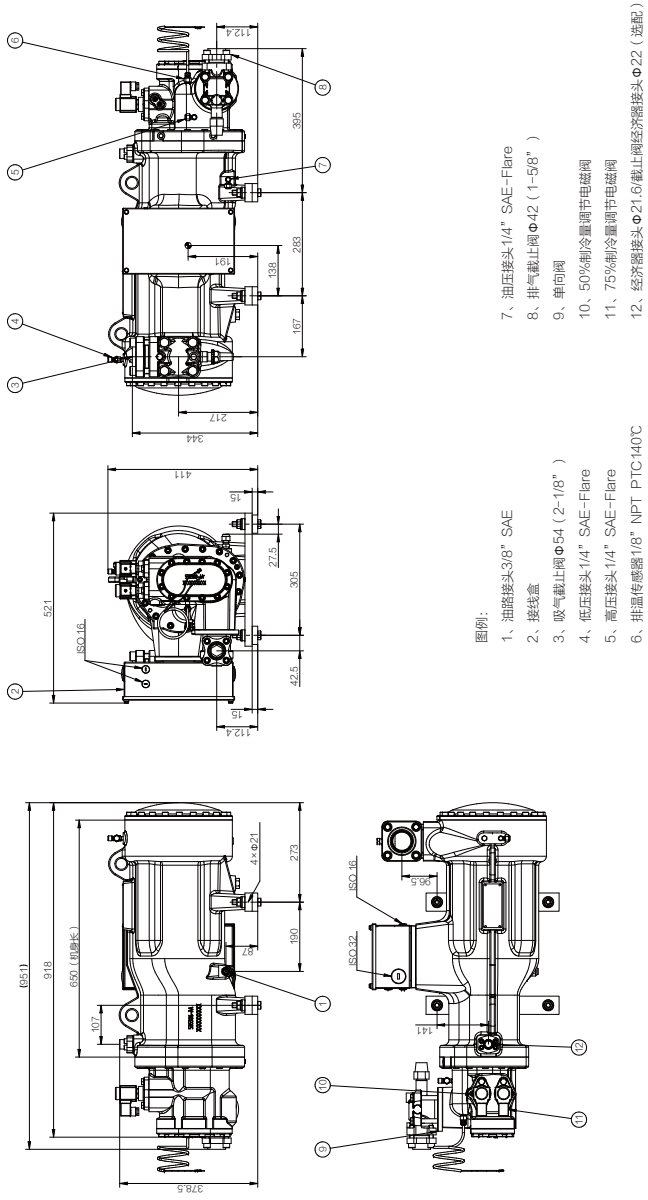
此工况范围内不需要油冷却

此工况范围内需要油冷却 (具体参看“应用范围”章节)

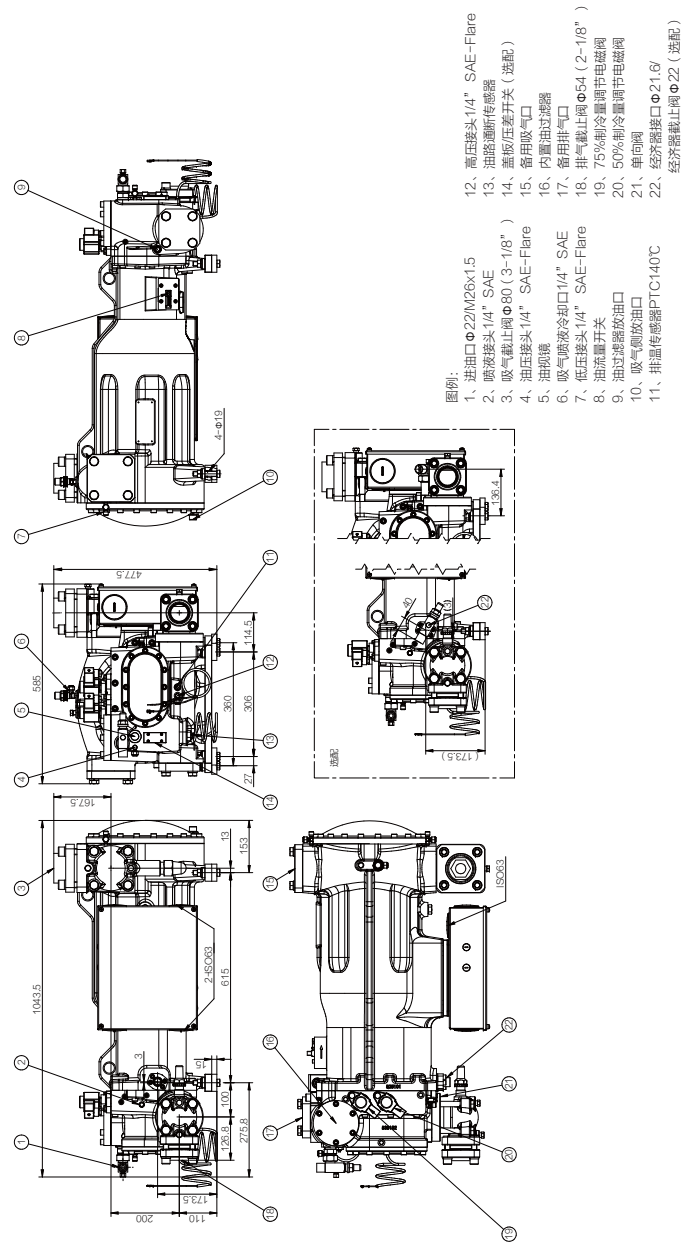
SRS-08S/M/L 氟用外形尺寸图



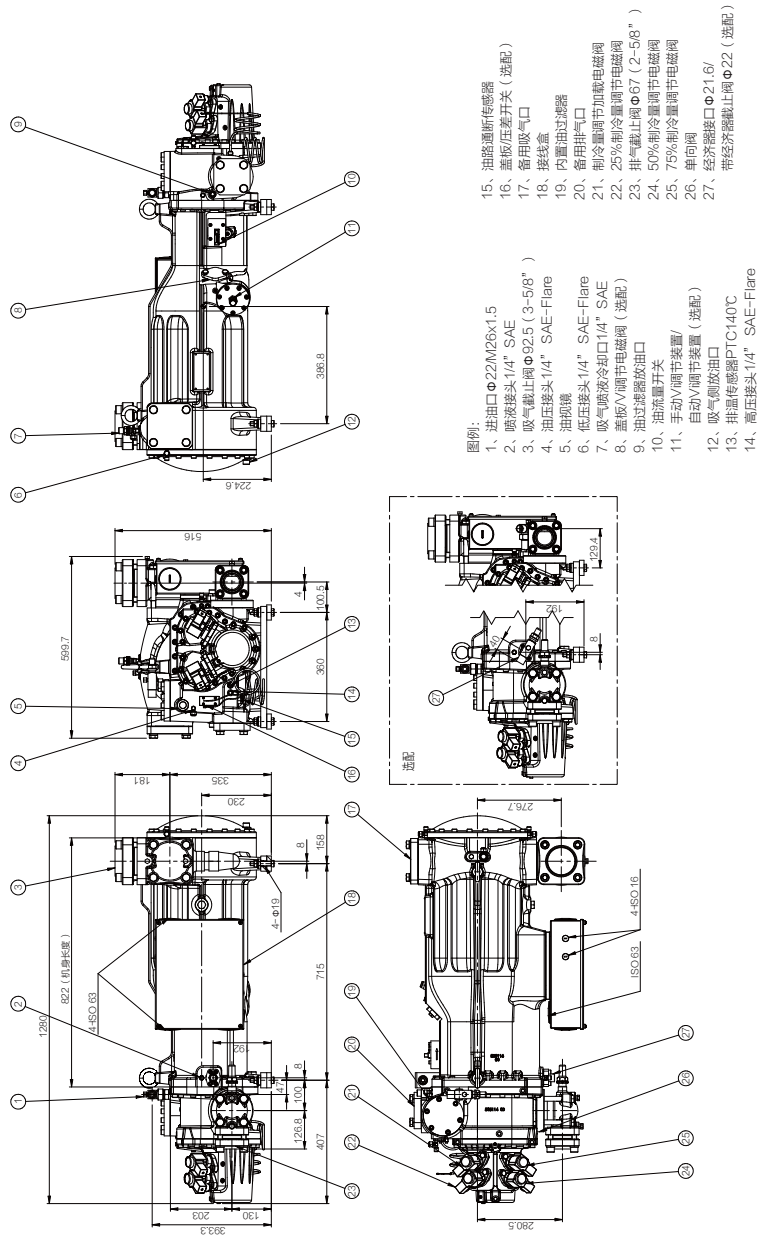
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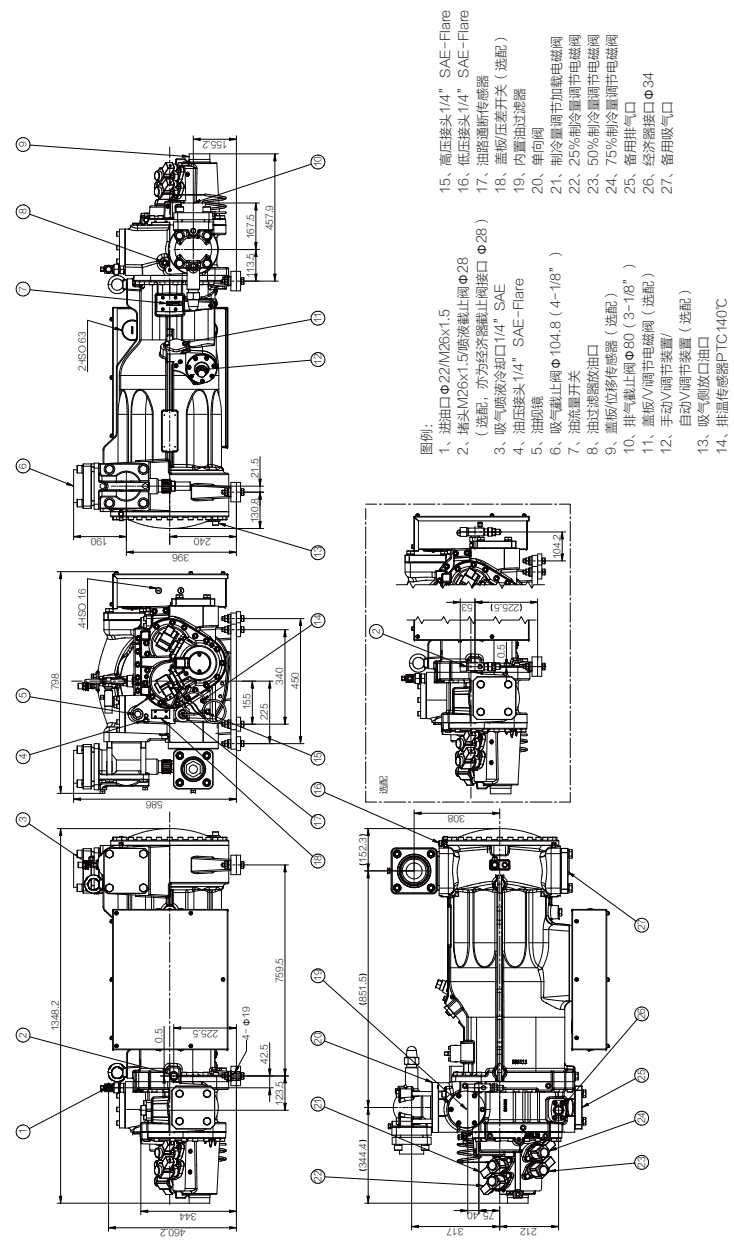
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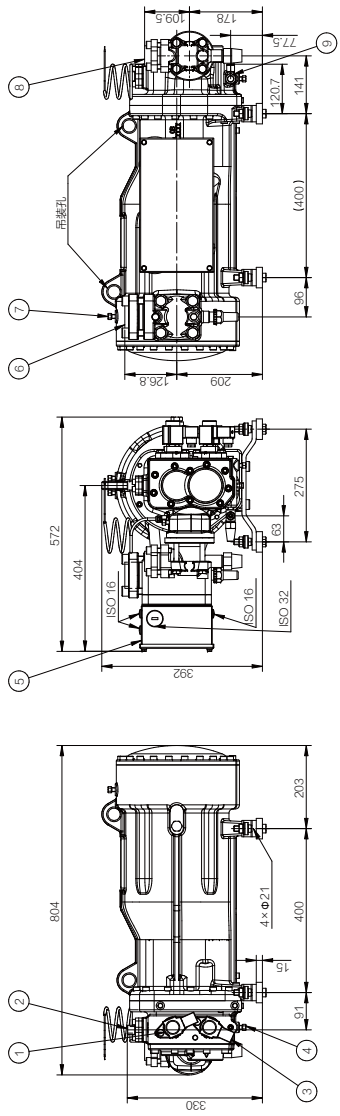
SRS-14S/M/L 氟用外形尺寸图



SRS-16S/M/L 氟用外形尺寸图



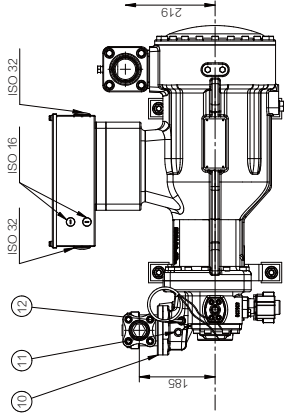
SRS-08S/ML 氨用外形尺寸图



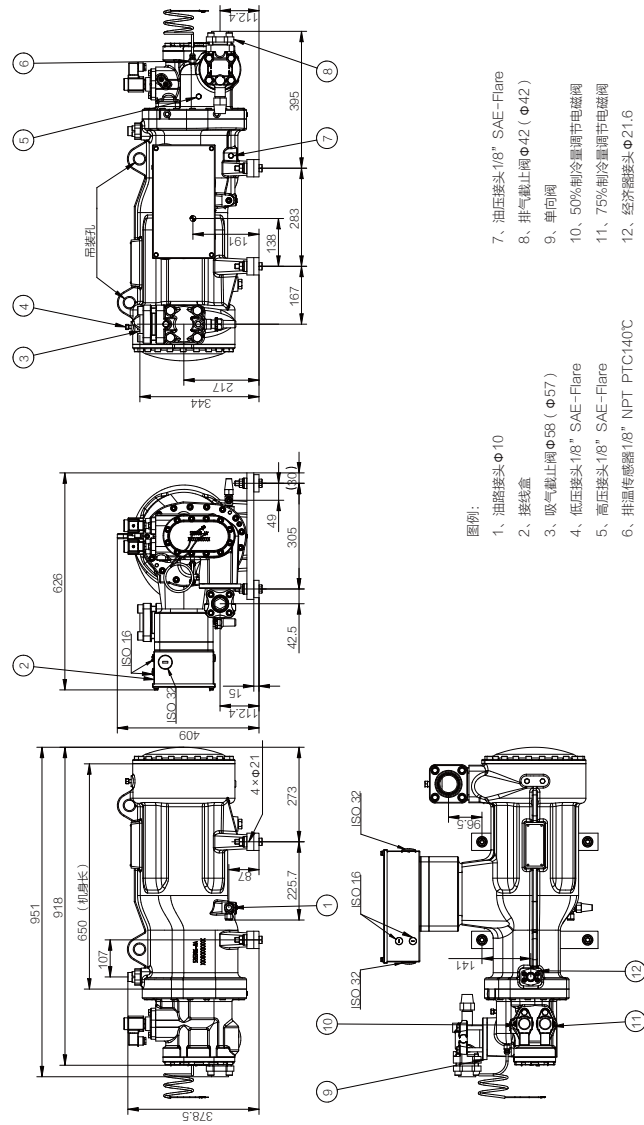
图例:

- 1、75%制冷量调节电磁阀
- 2、经济器接头 ϕ 16
- 3、50%制冷量调节电磁阀
- 4、油压接头 1/8" SAE-Flare
- 5、接线盒
- 6、吸气截止阀 ϕ 58 (ϕ 57)

- 7、低压接头 1/8" NPT
- 8、排气截止阀 ϕ 42 (ϕ 42)
- 9、油路接头 ϕ 10
- 10、单向阀
- 11、高压接头 1/8" NPT
- 12、排温传感器 1/8" NPT PTC140C



SRS-10S/L 氨用外形尺寸图

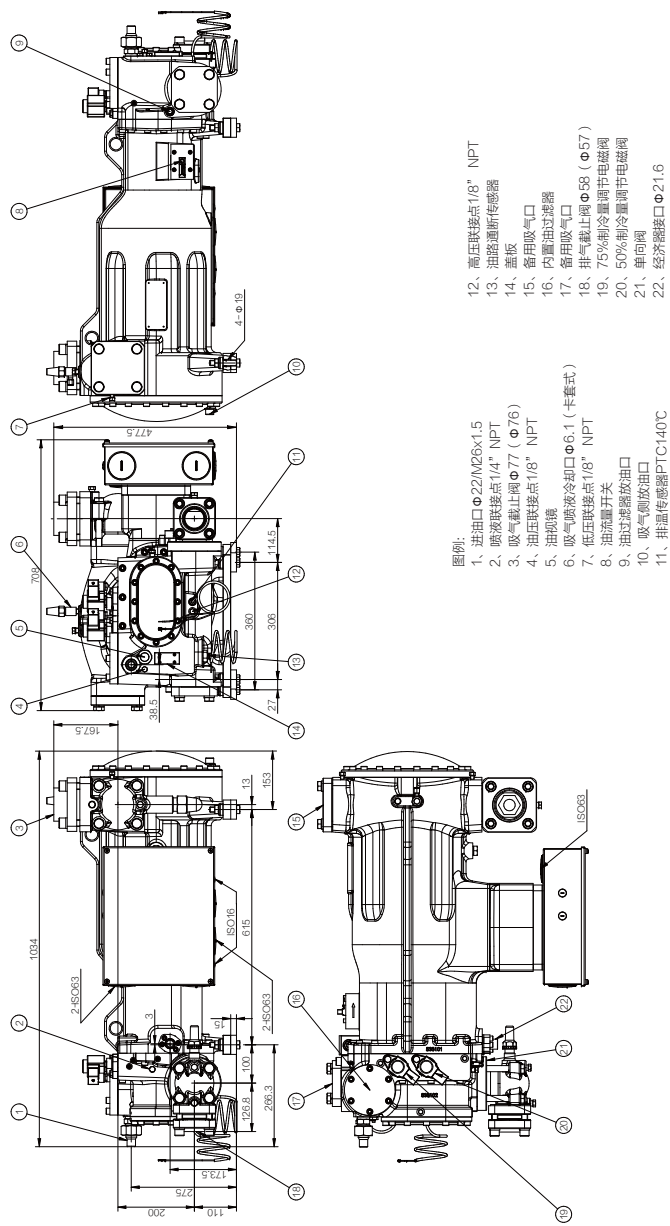


图例:

- 1、油路接头 ϕ 10
- 2、接线盒
- 3、吸气截止阀 ϕ 58 (ϕ 57)
- 4、低压接头 1/8" SAE-Flare
- 5、高压接头 1/8" SAE-Flare
- 6、排温传感器 1/8" NPT PTC140C

- 7、油压接头 1/8" SAE-Flare
- 8、排气截止阀 ϕ 42 (ϕ 42)
- 9、单向阀
- 10、50%制冷量调节电磁阀
- 11、75%制冷量调节电磁阀
- 12、经济器接头 ϕ 21.6

SRS-12S/M/L 氨用外形尺寸图



SRS-14S/M/L 氨用外形尺寸图

