

艾默生DX2电子膨胀阀可以在制冷系统中精确控制制冷剂流量以及系统过热度。

DX2系列采用了特殊优化设计的流量曲线和产品结构，可兼顾需要制冷剂大流量和小流量控制调节的工况，以实现精确和稳定的过热度控制。特别适用于低环温空调和热泵系统、变频制冷系统和精密空调控制，也可作为各种制冷应用的解决方案。

采用可拆卸的便于控制的步进电机线圈绕组，其IP 65/IP 67防护等级可以确保电子膨胀阀即便于恶劣的工作条件下也能表现出最佳性能。

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### 特点

- 500步单对极步进电机驱动。
- DX2系列具有特殊优化设计的流量曲线和产品结构。
- 兼顾制冷系统需要大流量和小流量调节的工况。
- 10%~100%调节范围内，实现稳定和精确的流量和过热度控制。
- 25万次（全开全关）循环，使用寿命长，可靠性高。
- 适用于多种冷媒应用。
- IP65 / IP67 防护等级。

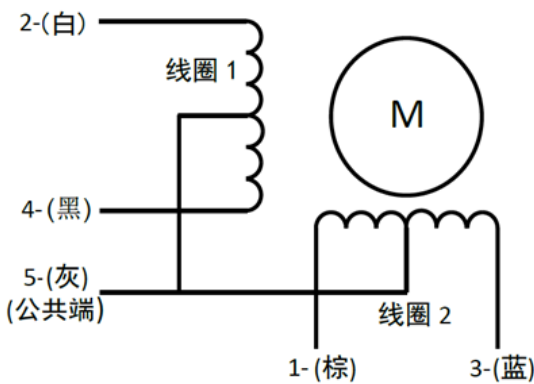
### 技术规格

- 适用于所有常见的HFC、HFO混合制冷剂，如R22、R410A、R407C、R134a、R32、R404A、R507A、R448A、R449A、R450A、R513A等。
- 名义制冷量：22/25 冷吨（R22）。
- 500步、12VDC单对极步进电机。
- 高可靠性。
- CE认证。
- 阀体技术参数：

应用流向	双向
流量曲线特点	特殊曲线 (10%~100%精确控制)
最大工作压力MWP	680 psig (46.9 bar)
最大工作压差MOPD	正向: 500 psig (34.5 bar) 反向: 500 psig (34.5 bar)
爆破压力	3400 psig (234.5 bar)
外泄露量	≤ 2.83 g/year
振动	≤ 4.5 g
入口流体温度	-30~70 °C
环境温度	-40~70 °C
防护等级	IP65/IP67
兼容冷冻油	矿物油或POE
连接管尺寸(入口 X 出口)	5/8" × 5/8" (ODF)
重量	250 g

**• 定子技术参数**

定子类型	5线单对极步进式
操作频率/步频 (PPS)	30~90 PPS, 推荐50 PPS (1 PPS = 1 脉冲/秒)
总步数	500 步 (注: 不超过550步)
开启步数	6~52 步
供电电压	12 VDC (+/- 10%)
名义电流 @ 12 VDC	300 mA/相
电阻	40 Ω/相(+/- 10%)
绝缘电阻	F
线束长度	2m/3m/6m, 定子集成
重量	263 g

**励磁方式及开阀对应关系**


线号及颜色	阀芯运动方向							
	开阀:  关阀:							
2: 白	ON	ON	OFF	OFF	OFF	OFF	OFF	ON
4: 黑	OFF	OFF	OFF	ON	ON	ON	OFF	OFF
1: 棕	OFF	ON	ON	ON	OFF	OFF	OFF	OFF
3: 蓝	OFF	OFF	OFF	OFF	OFF	ON	ON	ON
5: 灰	ON	ON	ON	ON	ON	ON	ON	ON

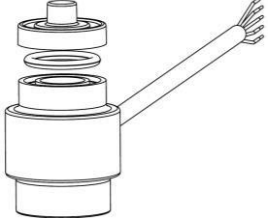
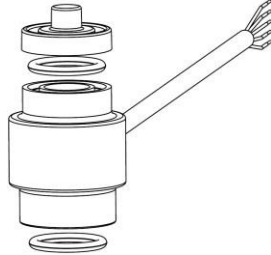
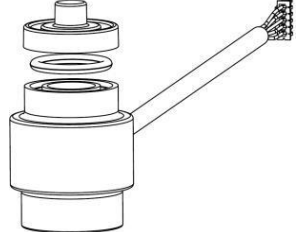
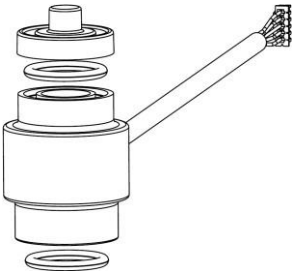
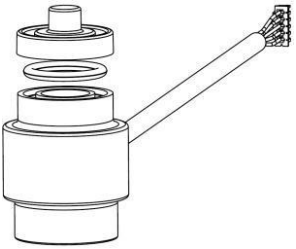
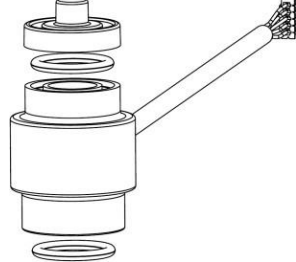
**名义制冷量表**

型号	PCN	名义制冷量 (kW)*										
		R22	R410A	R407C	R134a	R32	R404A	R448A	R449A	R450A	R507A	R513A
DX2-22S	098381	77.4	90.9	82.3	60.5	134.0	54.4	76.0	74.5	53.3	53.4	50.3
DX2-25S	098382	87.9	103.3	93.5	68.7	152.3	61.8	86.4	84.7	60.6	60.7	57.2

\*名义制冷量基于以下 AHRI 标准工况

冷媒	蒸发温度	冷凝温度	过冷度 (K)
R404A, R134a, R22, R32, R507A, R448A, R449A, R450A, R513A, R410A	+4°C	+38°C	1
R407C	+4°C dew point	+38°C bubble / +43°C dew point	1

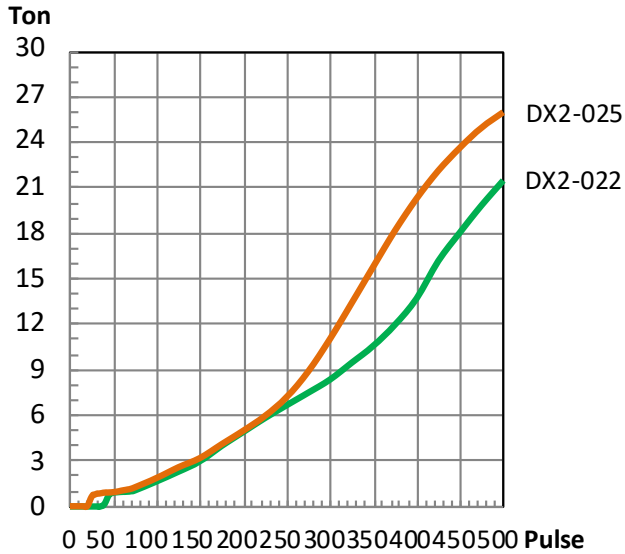
订货信息: 定子线圈

型号	PCN	描述	3D 图示
DX-SU205	098307	DX 定子 IP65 套装 <ul style="list-style-type: none"> <li>• 2m线长</li> <li>• 1 枚O型圈</li> <li>• 螺纹盖帽</li> </ul>	
DX-SU207	098308	DX 定子 IP67 套装 <ul style="list-style-type: none"> <li>• 2m线长</li> <li>• 2 枚O型圈</li> <li>• 螺纹盖帽</li> </ul>	
DX-SU305J	098315	DX 定子 IP65 套装 <ul style="list-style-type: none"> <li>• 3m线长、JST XHP-5接线端子</li> <li>• 1 枚O型圈</li> <li>• 螺纹盖帽</li> </ul>	
DX-SU307J	098316	DX 定子 IP65 套装 <ul style="list-style-type: none"> <li>• 3m线长、JST XHP-5接线端子</li> <li>• 2 枚O型圈</li> <li>• 螺纹盖帽</li> </ul>	
DX-SU605J	098323	DX 定子 IP65 套装 <ul style="list-style-type: none"> <li>• 6m线长、JST XHP-5接线端子</li> <li>• 1 枚O型圈</li> <li>• 螺纹盖帽</li> </ul>	
DX-SU607J	098324	DX 定子 IP65 套装 <ul style="list-style-type: none"> <li>• 6m线长、JST XHP-5接线端子</li> <li>• 2 枚O型圈</li> <li>• 螺纹盖帽</li> </ul>	

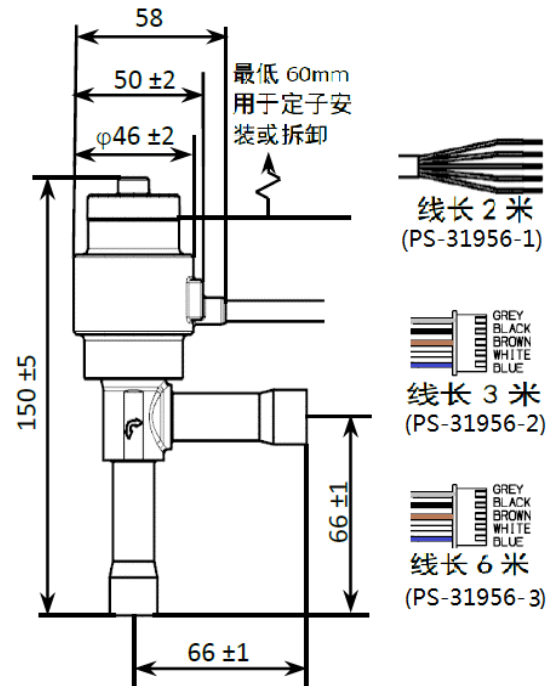
技术文件

**流量曲线 (正向和反向):**

**外形尺寸 (mm):**



标准工况: R22, 冷凝温度38°C, 蒸发温度4°C, 过冷度 1K



**声明**

技术数据在印刷前已经校对过, 印刷之后有再更新的可能, 如有需要对某一参数确认, 请联系艾默生环境优化技术。

艾默生环境优化技术对参数中可能存在的差错概不负责, 艾默生环境优化技术保留自行改变其产品而不预先通知的权利。

本文件中的参数基于艾默生环境优化技术认为可靠的数据和测试, 并符合今天的技术需求。这些信息预期由具有合适的专业知识和技能的人员自行判断和评估风险后来使用。



扩展冷量表:

下表为不同工况下阀的冷量表, 假设液管压降为1.5 Bar:

冷凝 温度 (°C)	R410A			扩展冷量 (kW)									产品
				蒸发温度(°C)									型号
	15	10	5	0	-5	-10	-15	-20	-25	-30	-35	-40	
65	71.8	73.1	74.0	74.4	74.6	74.4	73.8	73.0	72.1	70.8	69.3	67.8	DX2-022S
	81.6	83.1	84.1	84.6	84.8	84.5	83.9	83	81.9	80.5	78.8	77	DX2-025S
60	78.4	80.4	81.8	82.7	83.2	83.3	83.2	82.6	81.8	80.8	79.6	78.1	DX2-022S
	89.1	91.4	93	94	94.6	94.7	94.5	93.9	93	91.8	90.4	88.7	DX2-025S
55	81.3	84.0	86.0	87.4	88.4	88.8	88.9	88.7	88.1	87.3	86.2	85.0	DX2-022S
	92.4	95.4	97.7	99.3	100.4	100.9	101	100.8	100.1	99.2	98	96.6	DX2-025S
50	81.6	85.0	87.6	89.7	91.1	92.0	92.5	92.5	92.2	91.7	90.8	89.8	DX2-022S
	92.7	96.6	99.6	101.9	103.5	104.5	105.1	105.1	104.8	104.2	103.2	102	DX2-025S
45	79.6	84.0	87.5	90.0	92.0	93.4	94.2	94.7	94.7	94.4	93.8	92.9	DX2-022S
	90.5	95.5	99.4	102.3	104.6	106.1	107.1	107.6	107.6	107.3	106.6	105.6	DX2-025S
40	75.6	81.0	85.4	88.8	91.3	93.3	94.6	95.4	95.7	95.7	95.4	94.8	DX2-022S
	85.9	92.1	97	100.9	103.8	106	107.5	108.4	108.8	108.8	108.4	107.7	DX2-025S
35	69.1	76.1	81.6	85.9	89.2	91.7	93.5	94.8	95.6	95.8	95.8	95.4	DX2-022S
	78.5	86.5	92.7	97.6	101.4	104.2	106.3	107.7	108.6	108.9	108.9	108.4	DX2-025S
30	59.7	68.9	75.9	81.3	85.5	88.8	91.3	93.0	94.2	94.9	95.1	95.0	DX2-022S
	67.8	78.3	86.3	92.4	97.2	100.9	103.7	105.7	107	107.8	108.1	108	DX2-025S
25	45.8	58.8	68.0	75.1	80.4	84.6	87.7	90.0	91.7	92.8	93.5	93.6	DX2-022S
	52	66.8	77.3	85.3	91.4	96.1	99.7	102.3	104.2	105.5	106.2	106.4	DX2-025S
20	20.0	44.1	57.3	66.6	73.6	78.8	82.9	85.9	88.2	89.8	90.7	91.3	DX2-022S
	22.7	50.1	65.1	75.7	83.6	89.6	94.2	97.6	100.2	102	103.1	103.7	DX2-025S
15		15.5	41.9	55.4	64.6	71.5	76.6	80.6	83.5	85.6	87.1	88.1	DX2-022S
		17.6	47.6	62.9	73.4	81.2	87.1	91.6	94.9	97.3	99	100.1	DX2-025S
10			7.6	39.1	52.8	62.0	68.8	73.9	77.7	80.5	82.5	84.0	DX2-022S
			8.6	44.4	60	70.5	78.2	84	88.3	91.5	93.8	95.4	DX2-025S



技术文件

冷凝 温度 (°C)	R32			扩展冷量 (kW)									产品
				蒸发温度 (°C)									型号
	15	10	5	0	-5	-10	-15	-20	-25	-30	-35	-40	
65	127.1	130.6	133.4	135.5	137.2	138.2	139.0	139.1	139.0	138.5	137.7	136.7	DX2-022S
	144.4	148.4	151.6	154	155.9	157.1	157.9	158.1	158	157.4	156.5	155.3	DX2-025S
60	129.4	133.7	137.1	139.8	141.9	143.4	144.5	145.0	145.1	144.9	144.3	143.5	DX2-022S
	147.1	151.9	155.8	158.9	161.3	163	164.2	164.8	164.9	164.7	164	163.1	DX2-025S
55	128.7	133.8	138.0	141.3	144.0	145.9	147.3	148.2	148.6	148.7	148.4	147.8	DX2-022S
	146.3	152.1	156.8	160.6	163.6	165.8	167.4	168.4	168.9	169	168.6	167.9	DX2-025S
50	125.5	131.5	136.5	140.5	143.7	146.3	148.1	149.3	150.1	150.5	150.4	150.0	DX2-022S
	142.6	149.4	155.1	159.7	163.3	166.2	168.3	169.7	170.6	171	170.9	170.4	DX2-025S
45	119.7	126.9	132.9	137.7	141.6	144.7	147.0	148.7	149.9	150.5	150.7	150.6	DX2-022S
	136	144.2	151	156.5	160.9	164.4	167.1	169	170.3	171	171.3	171.1	DX2-025S
40	111.4	120.1	127.2	133.1	137.7	141.4	144.3	146.5	148.1	149.1	149.6	149.7	DX2-022S
	126.6	136.5	144.6	151.2	156.5	160.7	164	166.5	168.3	169.4	170	170.1	DX2-025S
35	100.1	111.0	119.6	126.5	132.2	136.7	140.2	142.9	144.9	146.3	147.2	147.6	DX2-022S
	113.8	126.1	135.9	143.8	150.2	155.3	159.3	162.4	164.7	166.3	167.3	167.7	DX2-025S
30	85.3	99.0	109.6	118.1	124.9	130.3	134.6	138.0	140.5	142.4	143.6	144.3	DX2-022S
	96.9	112.5	124.6	134.2	141.9	148.1	152.9	156.8	159.7	161.8	163.2	164	DX2-025S
25	64.6	83.4	97.1	107.5	115.8	122.4	127.6	131.6	134.8	137.2	138.9	140.0	DX2-022S
	73.4	94.8	110.3	122.2	131.6	139.1	145	149.6	153.2	155.9	157.8	159.1	DX2-025S
20	27.8	61.9	80.9	94.4	104.7	112.7	119.1	124.1	128.0	130.9	133.1	134.6	DX2-022S
	31.6	70.3	91.9	107.3	119	128.1	135.3	141	145.4	148.8	151.3	153	DX2-025S
15			58.5	77.6	91.1	101.1	108.9	115.1	119.9	123.6	126.3	128.3	DX2-022S
			66.5	88.2	103.5	114.9	123.8	130.8	136.2	140.4	143.5	145.8	DX2-025S
10			54.4	73.7	87.0	97.0	104.5	110.4	114.9	118.4	120.9	DX2-022S	
			61.8	83.8	98.9	110.2	118.8	125.5	130.6	134.5	137.4	DX2-025S	



# DX2 电子膨胀阀

# 流体控制

## 技术文件

冷凝 温度 (°C)	R22			扩展冷量 (kW)									产品
				蒸发温度(°C)									型号
	15	10	5	0	-5	-10	-15	-20	-25	-30	-35	-40	
65	79.2	80.6	81.5	82.0	82.2	82.1	81.8	81.1	80.3	79.3	78.1	76.9	DX2-022S
	90.0	91.6	92.6	93.2	93.4	93.3	92.9	92.2	91.3	90.1	88.8	87.4	DX2-025S
60	78.3	80.2	81.5	82.4	82.8	83.0	82.9	82.5	81.8	81.0	80.1	78.9	DX2-022S
	89.0	91.1	92.6	93.6	94.1	94.3	94.2	93.7	93.0	92.1	91.0	89.7	DX2-025S
55	76.3	78.7	80.4	81.7	82.5	83.0	83.1	83.0	82.5	81.9	81.0	80.1	DX2-022S
	86.7	89.4	91.4	92.8	93.8	94.3	94.4	94.3	93.8	93.1	92.1	91.0	DX2-025S
50	73.0	76.0	78.4	80.1	81.3	82.1	82.5	82.6	82.5	82.0	81.4	80.5	DX2-022S
	83.0	86.4	89.1	91.0	92.4	93.3	93.8	93.9	93.7	93.2	92.5	91.5	DX2-025S
45	68.6	72.4	75.3	77.6	79.3	80.4	81.1	81.6	81.6	81.4	81.0	80.3	DX2-022S
	77.9	82.3	85.6	88.2	90.1	91.4	92.2	92.7	92.7	92.5	92	91.2	DX2-025S
40	62.7	67.5	71.3	74.1	76.3	77.9	79.0	79.7	80.1	80.1	79.8	79.4	DX2-022S
	71.3	76.7	81	84.2	86.7	88.5	89.8	90.6	91	91	90.7	90.2	DX2-025S
35	55.1	61.3	66.0	69.7	72.5	74.6	76.1	77.2	77.8	78.1	78.1	77.9	DX2-022S
	62.6	69.7	75	79.2	82.4	84.8	86.5	87.7	88.4	88.8	88.8	88.5	DX2-025S
30	45.1	53.3	59.5	64.2	67.7	70.4	72.4	73.9	74.9	75.5	75.8	75.7	DX2-022S
	51.2	60.6	67.6	72.9	76.9	80	82.3	84	85.1	85.8	86.1	86	DX2-025S
25	30.3	42.9	51.2	57.3	61.9	65.4	68.0	70.0	71.4	72.2	72.8	73.0	DX2-022S
	34.4	48.7	58.2	65.1	70.3	74.3	77.3	79.5	81.1	82.1	82.7	82.9	DX2-025S
20		27.3	40.2	48.7	54.6	59.2	62.6	65.1	67.1	68.4	69.2	69.7	DX2-022S
		31	45.7	55.3	62.1	67.3	71.1	74	76.2	77.7	78.6	79.2	DX2-025S
15		22.5	35.6	43.8	49.5	53.9	57.0	59.4	61.1	62.3	63.1	63.1	DX2-022S
		25.6	40.5	49.8	56.3	61.2	64.8	67.5	69.4	70.8	71.7	71.7	DX2-025S
10			18.7	33.7	42.3	48.3	52.7	56.0	58.3	60.1	61.2	61.2	DX2-022S
			21.2	38.3	48.1	54.9	59.9	63.6	66.3	68.3	69.6	69.6	DX2-025S



# DX2 电子膨胀阀

# 流体控制

## 技术文件

冷凝 温度 (°C)	R407C			扩展冷量 (kW)									产品
				蒸发温度(°C)									型号
	15	10	5	0	-5	-10	-15	-20	-25	-30	-35	-40	
露点 68.6 始沸点 65	75.1	75.5	75.5	75.2	74.5	73.6	72.4	71.0	69.4	67.8	65.9	64.0	DX2-022S
	85.3	85.8	85.8	85.4	84.7	83.6	82.3	80.7	78.9	77	74.9	72.7	DX2-025S
露点 63.9 始沸点 60	77.0	77.9	78.2	78.2	77.9	77.2	76.3	75.1	73.7	72.2	70.5	68.6	DX2-022S
	87.5	88.5	88.9	88.9	88.5	87.7	86.7	85.3	83.8	82	80.1	78	DX2-025S
露点 59.2 始沸点 55	77.4	78.8	79.6	80.0	80.0	79.6	78.9	78.0	76.8	75.4	73.9	72.2	DX2-022S
	88	89.6	90.5	90.9	90.9	90.5	89.7	88.6	87.3	85.7	84	82.1	DX2-025S
露点 54.5 始沸点 50	76.6	78.5	79.8	80.6	81.0	80.9	80.5	79.8	78.8	77.7	76.3	74.8	DX2-022S
	87	89.2	90.7	91.6	92	91.9	91.5	90.7	89.6	88.3	86.7	85	DX2-025S
露点 49.7 始沸点 45	74.3	76.9	78.8	80.1	80.9	81.1	81.0	80.6	79.9	79.0	77.8	76.5	DX2-022S
	84.4	87.4	89.6	91	91.9	92.2	92.1	91.6	90.8	89.8	88.4	86.9	DX2-025S
露点 44.9 始沸点 40	70.7	74.1	76.6	78.5	79.7	80.4	80.7	80.5	80.1	79.4	78.5	77.4	DX2-022S
	80.3	84.2	87.1	89.2	90.6	91.4	91.7	91.5	91	90.2	89.2	87.9	DX2-025S
露点 40.1 始沸点 35	65.4	70.0	73.3	75.8	77.5	78.8	79.4	79.6	79.5	79.0	78.2	77.4	DX2-022S
	74.3	79.5	83.3	86.1	88.1	89.5	90.2	90.4	90.3	89.8	88.9	87.9	DX2-025S
露点 35.3 始沸点 30	58.3	64.2	68.7	72.0	74.4	76.1	77.2	77.8	78.0	77.8	77.4	76.6	DX2-022S
	66.3	73	78.1	81.8	84.6	86.5	87.7	88.4	88.6	88.4	87.9	87.1	DX2-025S
露点 30.4 始沸点 25	48.8	56.8	62.7	67.0	70.2	72.5	74.1	75.2	75.7	75.9	75.6	75.2	DX2-022S
	55.4	64.6	71.2	76.1	79.8	82.4	84.2	85.4	86	86.2	85.9	85.4	DX2-025S
露点 25.6 始沸点 20	34.9	46.8	54.8	60.5	64.8	67.9	70.1	71.6	72.6	73.1	73.2	73.0	DX2-022S
	39.7	53.2	62.3	68.8	73.6	77.2	79.7	81.4	82.5	83.1	83.2	83	DX2-025S
露点 20.7 始沸点 15		32.4	44.4	52.4	58.0	62.1	65.2	67.3	68.7	69.7	70.1	70.2	DX2-022S
		36.8	50.5	59.5	65.9	70.6	74.1	76.5	78.1	79.2	79.7	79.8	DX2-025S
露点 15.9 始沸点 10			29.1	41.5	49.5	55.0	59.0	62.0	64.1	65.4	66.3	66.7	DX2-022S
			33.1	47.2	56.2	62.5	67.1	70.4	72.8	74.3	75.3	75.8	DX2-025S





技术文件

冷凝 温度 (°C)	R404A			扩展冷量 (kW)									产品
				蒸发温度(°C)									型号
	15	10	5	0	-5	-10	-15	-20	-25	-30	-35	-40	
60	42.9	43.1	43.0	42.6	41.8	40.8	39.7	38.4	36.9	35.3	33.5	31.7	DX2-022S
	48.8	49	48.9	48.4	47.5	46.4	45.1	43.6	41.9	40.1	38.1	36	DX2-025S
55	45.8	46.6	46.8	46.7	46.3	45.6	44.7	43.6	42.2	40.8	39.2	37.6	DX2-022S
	52	52.9	53.2	53.1	52.6	51.8	50.8	49.5	48	46.4	44.6	42.7	DX2-025S
50	49.6	50.7	51.3	51.5	51.3	50.9	50.2	49.2	48.0	46.6	45.1	43.6	DX2-022S
	56.4	57.6	58.3	58.5	58.3	57.8	57	55.9	54.5	53	51.3	49.5	DX2-025S
45	46.6	48.6	49.9	50.8	51.1	51.1	50.8	50.2	49.3	48.2	47.1	45.7	DX2-022S
	53	55.2	56.7	57.7	58.1	58.1	57.7	57	56	54.8	53.5	51.9	DX2-025S
40	44.7	47.6	49.6	51.0	51.8	52.2	52.2	51.9	51.3	50.5	49.5	48.3	DX2-022S
	50.8	54.1	56.4	57.9	58.9	59.3	59.3	59	58.3	57.4	56.3	54.9	DX2-025S
35	41.1	45.1	48.0	50.0	51.4	52.3	52.6	52.7	52.4	51.8	51.1	50.2	DX2-022S
	46.7	51.2	54.5	56.8	58.4	59.4	59.8	59.9	59.6	58.9	58.1	57	DX2-025S
30	35.2	40.8	44.9	47.8	49.9	51.3	52.2	52.6	52.6	52.4	51.8	51.1	DX2-022S
	40	46.4	51	54.3	56.7	58.3	59.3	59.8	59.8	59.5	58.9	58.1	DX2-025S
25	25.7	34.4	40.2	44.4	47.3	49.4	50.8	51.7	52.0	52.1	51.9	51.4	DX2-022S
	29.2	39.1	45.7	50.4	53.7	56.1	57.7	58.7	59.1	59.2	59	58.4	DX2-025S
20	24.2	33.3	39.2	43.3	46.3	48.3	49.7	50.7	51.1	51.1	51.0	51.0	DX2-022S
	27.5	37.8	44.5	49.2	52.6	54.9	56.5	57.6	58.1	58.1	57.9	57.9	DX2-025S
15	22.3	31.7	37.8	41.9	44.9	47.0	48.4	49.3	49.7	49.7	49.8	49.8	DX2-022S
	25.3	36	42.9	47.6	51	53.4	55	56	56.5	56.5	56.6	56.6	DX2-025S
10	19.7	29.7	35.9	40.1	43.1	45.1	46.6	47.4	48.0	48.0	48.0	48.0	DX2-022S
	22.4	33.8	40.8	45.6	49	51.3	52.9	53.9	54.5	54.5	54.5	54.5	DX2-025S



技术文件

冷凝 温度 (°C)	R507A			扩展冷量 (kW)									产品
				蒸发温度(°C)									型号
	15	10	5	0	-5	-10	-15	-20	-25	-30	-35	-40	
60	41.2	41.4	41.2	40.7	40.0	39.0	37.8	36.4	34.9	33.4	31.6	29.8	DX2-022S
	46.8	47	46.8	46.3	45.4	44.3	42.9	41.4	39.7	37.9	35.9	33.9	DX2-025S
55	44.4	45.1	45.2	45.1	44.7	44.0	43.1	42.0	40.7	39.2	37.7	36.0	DX2-022S
	50.4	51.2	51.4	51.3	50.8	50	49	47.7	46.2	44.6	42.8	40.9	DX2-025S
50	45.8	47.1	47.8	48.0	48.0	47.6	46.9	46.0	45.0	43.6	42.3	40.7	DX2-022S
	52	53.5	54.3	54.6	54.5	54.1	53.3	52.3	51.1	49.6	48.1	46.3	DX2-025S
45	45.7	47.6	48.8	49.6	50.0	49.9	49.5	48.9	48.1	47.1	45.8	44.5	DX2-022S
	51.9	54.1	55.5	56.4	56.8	56.7	56.3	55.6	54.7	53.5	52.1	50.6	DX2-025S
40	43.9	46.7	48.7	50.0	50.9	51.2	51.1	50.9	50.2	49.5	48.4	47.3	DX2-022S
	49.9	53.1	55.3	56.8	57.8	58.2	58.1	57.8	57.1	56.2	55	53.7	DX2-025S
35	40.5	44.4	47.2	49.2	50.6	51.4	51.7	51.7	51.5	51.0	50.2	49.2	DX2-022S
	46	50.4	53.6	55.9	57.5	58.4	58.8	58.8	58.5	57.9	57	55.9	DX2-025S
30	34.8	40.4	44.4	47.2	49.2	50.6	51.5	51.8	51.9	51.6	51.0	50.3	DX2-022S
	39.6	45.9	50.4	53.6	55.9	57.5	58.5	58.9	59	58.6	58	57.2	DX2-025S
25	25.6	34.1	39.8	43.8	46.7	48.8	50.2	51.0	51.4	51.5	51.2	50.7	DX2-022S
	29.1	38.8	45.2	49.8	53.1	55.4	57	57.9	58.4	58.5	58.2	57.6	DX2-025S
20		24.2	33.1	38.8	42.9	45.8	47.9	49.3	50.1	50.5	50.6	50.3	DX2-022S
		27.5	37.6	44.1	48.8	52.1	54.4	56	56.9	57.4	57.5	57.2	DX2-025S
15			22.4	31.6	37.5	41.6	44.5	46.6	48.0	48.8	49.2	49.3	DX2-022S
			25.4	35.9	42.6	47.3	50.6	52.9	54.5	55.5	55.9	56	DX2-025S
10				20.0	29.7	35.8	40.0	42.9	44.9	46.3	47.1	47.5	DX2-022S
				22.7	33.8	40.7	45.4	48.7	51	52.6	53.5	54	DX2-025S



## DX2 电子膨胀阀

流体控制

### 技术文件

冷凝 温度 (°C)	R134a			扩展冷量 (kW)									产品
				蒸发温度(°C)									型号
	15	10	5	0	-5	-10	-15	-20	-25	-30	-35	-40	
65	60.2	60.4	60.3	59.8	59.0	58.1	56.9	55.6	54.1	52.5	50.9	49.1	<b>DX2-022S</b>
	68.4	68.6	68.5	67.9	67.1	66	64.7	63.2	61.5	59.7	57.8	55.8	<b>DX2-025S</b>
60	59.8	60.5	60.7	60.5	60.1	59.4	58.5	57.4	56.1	54.6	53.2	51.6	<b>DX2-022S</b>
	68	68.7	69	68.8	68.3	67.5	66.5	65.2	63.7	62.1	60.4	58.6	<b>DX2-025S</b>
55	58.4	59.6	60.2	60.5	60.4	59.9	59.2	58.3	57.3	56.1	54.6	53.2	<b>DX2-022S</b>
	66.4	67.7	68.4	68.7	68.6	68.1	67.3	66.3	65.1	63.7	62.1	60.5	<b>DX2-025S</b>
50	56.0	57.7	58.9	59.5	59.8	59.7	59.2	58.6	57.7	56.7	55.5	54.2	<b>DX2-022S</b>
	63.6	65.6	66.9	67.6	67.9	67.8	67.3	66.6	65.6	64.4	63.1	61.6	<b>DX2-025S</b>
45	52.4	54.8	56.6	57.7	58.3	58.6	58.5	58.1	57.5	56.7	55.7	54.6	<b>DX2-022S</b>
	59.5	62.3	64.3	65.6	66.3	66.6	66.5	66	65.3	64.4	63.3	62	<b>DX2-025S</b>
40	47.3	50.8	53.3	55.0	56.1	56.8	57.0	56.9	56.6	56.0	55.2	54.3	<b>DX2-022S</b>
	53.8	57.7	60.6	62.5	63.8	64.6	64.8	64.7	64.3	63.6	62.7	61.7	<b>DX2-025S</b>
35	40.7	45.5	48.9	51.4	53.2	54.2	54.9	55.1	55.1	54.7	54.1	53.3	<b>DX2-022S</b>
	46.2	51.7	55.6	58.4	60.4	61.6	62.4	62.6	62.6	62.2	61.5	60.6	<b>DX2-025S</b>
30	31.2	38.4	43.2	46.6	49.1	50.9	51.9	52.6	52.8	52.8	52.4	51.9	<b>DX2-022S</b>
	35.5	43.6	49.1	53	55.8	57.8	59	59.8	60	60	59.6	59	<b>DX2-025S</b>
25	14.9	28.2	35.6	40.6	44.1	46.5	48.2	49.3	49.9	50.2	50.1	49.8	<b>DX2-022S</b>
	16.9	32.1	40.5	46.1	50.1	52.8	54.8	56	56.7	57	56.9	56.6	<b>DX2-025S</b>
20		7.9	24.6	32.5	37.5	41.0	43.5	45.1	46.3	46.9	47.2	47.1	<b>DX2-022S</b>
		9	28	36.9	42.6	46.6	49.4	51.3	52.6	53.3	53.6	53.5	<b>DX2-025S</b>
15				20.2	28.8	34.0	37.6	40.0	41.8	42.9	43.5	43.7	<b>DX2-022S</b>
				23	32.7	38.6	42.7	45.5	47.5	48.7	49.4	49.7	<b>DX2-025S</b>
10					14.3	24.3	29.9	33.7	36.2	37.9	39.1	39.7	<b>DX2-022S</b>
					16.2	27.6	34	38.3	41.1	43.1	44.4	45.1	<b>DX2-025S</b>



技术文件

冷凝 温度 (°C)	R449A			扩展冷量 (kW)									产品
				蒸发温度(°C)									型号
	15	10	5	0	-5	-10	-15	-20	-25	-30	-35	-40	
60	66.7	67.4	67.7	67.6	67.1	66.4	65.5	64.2	62.8	61.2	59.6	57.7	DX2-022S
	75.8	76.6	76.9	76.8	76.3	75.5	74.4	73	71.4	69.6	67.7	65.6	DX2-025S
55	68.4	69.6	70.3	70.6	70.5	70.1	69.3	68.4	67.2	65.8	64.2	62.6	DX2-022S
	77.7	79.1	79.9	80.2	80.1	79.7	78.8	77.7	76.4	74.8	73	71.1	DX2-025S
50	68.5	70.3	71.5	72.2	72.5	72.4	72.0	71.3	70.3	69.1	67.8	66.3	DX2-022S
	77.8	79.9	81.3	82.1	82.4	82.3	81.8	81	79.9	78.5	77	75.3	DX2-025S
45	67.1	69.7	71.5	72.7	73.3	73.7	73.5	73.0	72.3	71.4	70.2	68.8	DX2-022S
	76.3	79.2	81.2	82.6	83.3	83.7	83.5	83	82.2	81.1	79.8	78.2	DX2-025S
40	64.2	67.6	70.1	71.9	73.0	73.7	73.9	73.8	73.3	72.6	71.7	70.5	DX2-022S
	73	76.8	79.7	81.7	83	83.8	84	83.9	83.3	82.5	81.5	80.1	DX2-025S
35	59.7	64.2	67.5	70.0	71.6	72.8	73.4	73.7	73.5	73.0	72.3	71.4	DX2-022S
	67.8	72.9	76.7	79.5	81.4	82.7	83.4	83.7	83.5	83	82.2	81.1	DX2-025S
30	53.2	59.0	63.5	66.8	69.2	70.8	72.0	72.5	72.7	72.5	72.1	71.4	DX2-022S
	60.4	67.1	72.2	75.9	78.6	80.5	81.8	82.4	82.6	82.4	81.9	81.1	DX2-025S
25	43.9	52.1	58.0	62.3	65.6	67.9	69.5	70.6	71.1	71.3	71.1	70.6	DX2-022S
	49.9	59.2	65.9	70.8	74.5	77.2	79	80.2	80.8	81	80.8	80.2	DX2-025S
20	29.8	42.4	50.6	56.4	60.7	63.9	66.2	67.7	68.7	69.3	69.3	69.2	DX2-022S
	33.9	48.2	57.5	64.1	69	72.6	75.2	76.9	78.1	78.7	78.8	78.6	DX2-025S
15		27.5	40.4	48.6	54.4	58.6	61.7	63.9	65.5	66.4	66.9	67.0	DX2-022S
		31.2	45.9	55.2	61.8	66.6	70.1	72.6	74.4	75.4	76	76.1	DX2-025S
10			24.5	37.9	46.2	51.9	56.1	59.1	61.2	62.7	63.6	64.0	DX2-022S
			27.8	43.1	52.5	59	63.8	67.2	69.6	71.2	72.3	72.7	DX2-025S



# DX2 电子膨胀阀

# 流体控制

## 技术文件

冷凝 温度 (°C)	R448A			扩展冷量 (kW)									产品 型号
				蒸发温度(°C)									
	15	10	5	0	-5	-10	-15	-20	-25	-30	-35	-40	
60	68.1	68.9	69.2	69.2	68.7	68.0	67.1	65.8	64.4	62.8	61.2	59.3	DX2-022S
	77.4	78.3	78.6	78.6	78.1	77.3	76.2	74.8	73.2	71.4	69.5	67.4	DX2-025S
55	69.9	71.1	71.8	72.2	72.1	71.6	70.9	70.0	68.8	67.4	65.8	64.2	DX2-022S
	79.4	80.8	81.6	82	81.9	81.4	80.6	79.5	78.2	76.6	74.8	72.9	DX2-025S
50	70.0	71.8	73.0	73.8	74.1	74.0	73.6	72.9	71.9	70.8	69.3	67.8	DX2-022S
	79.5	81.6	83	83.9	84.2	84.1	83.6	82.8	81.7	80.4	78.8	77.1	DX2-025S
45	68.6	71.1	73.0	74.2	74.9	75.2	75.1	74.6	73.9	73.0	71.8	70.4	DX2-022S
	77.9	80.8	82.9	84.3	85.1	85.4	85.3	84.8	84	82.9	81.6	80	DX2-025S
40	65.6	69.0	71.5	73.4	74.6	75.2	75.5	75.4	75.0	74.2	73.3	72.2	DX2-022S
	74.6	78.4	81.3	83.4	84.8	85.5	85.8	85.7	85.2	84.3	83.3	82	DX2-025S
35	61.1	65.6	68.9	71.4	73.1	74.4	75.0	75.2	75.1	74.6	73.8	73.0	DX2-022S
	69.4	74.5	78.3	81.1	83.1	84.5	85.2	85.4	85.3	84.8	83.9	82.9	DX2-025S
30	54.5	60.5	64.9	68.2	70.7	72.3	73.5	74.1	74.3	74.1	73.7	73.0	DX2-022S
	61.9	68.7	73.7	77.5	80.3	82.2	83.5	84.2	84.4	84.2	83.7	82.9	DX2-025S
25	45.2	53.4	59.3	63.7	67.0	69.3	71.0	72.1	72.6	72.8	72.6	72.2	DX2-022S
	51.4	60.7	67.4	72.4	76.1	78.8	80.7	81.9	82.5	82.7	82.5	82	DX2-025S
20	31.2	43.7	51.8	57.7	62.0	65.2	67.5	69.2	70.1	70.7	70.8	70.6	DX2-022S
	35.5	49.7	58.9	65.6	70.5	74.1	76.7	78.6	79.7	80.3	80.4	80.2	DX2-025S
15		29.0	41.7	49.9	55.7	59.9	63.0	65.3	66.8	67.8	68.2	68.4	DX2-022S
		32.9	47.4	56.7	63.3	68.1	71.6	74.2	75.9	77	77.5	77.7	DX2-025S
10			26.0	39.2	47.5	53.2	57.4	60.5	62.6	64.0	64.9	65.4	DX2-022S
			29.6	44.6	54	60.5	65.2	68.7	71.1	72.7	73.8	74.3	DX2-025S



技术文件

冷凝 温度 (°C)	R450A			扩展冷量 (kW)									产品
				蒸发温度(°C)									型号
	15	10	5	0	-5	-10	-15	-20	-25	-30	-35	-40	
60	52.4	52.6	52.5	52.2	51.5	50.6	49.5	48.2	46.9	45.3	43.7	42.1	DX2-022S
	59.5	59.8	59.7	59.3	58.5	57.5	56.3	54.8	53.3	51.5	49.7	47.8	DX2-025S
55	51.4	52.2	52.4	52.4	52.1	51.4	50.5	49.5	48.3	47.0	45.6	44.0	DX2-022S
	58.4	59.3	59.6	59.6	59.2	58.4	57.4	56.3	54.9	53.4	51.8	50	DX2-025S
50	49.5	50.8	51.6	51.8	51.8	51.5	50.9	50.1	49.1	48.0	46.6	45.3	DX2-022S
	56.2	57.7	58.6	58.9	58.9	58.5	57.8	56.9	55.8	54.5	53	51.5	DX2-025S
45	46.4	48.4	49.7	50.5	50.9	50.9	50.5	50.0	49.2	48.2	47.2	45.9	DX2-022S
	52.7	55	56.5	57.4	57.8	57.8	57.4	56.8	55.9	54.8	53.6	52.2	DX2-025S
40	42.2	45.1	47.0	48.4	49.2	49.5	49.5	49.3	48.8	48.0	47.1	46.0	DX2-022S
	47.9	51.2	53.4	55	55.9	56.3	56.3	56	55.4	54.5	53.5	52.3	DX2-025S
35	36.3	40.4	43.3	45.3	46.6	47.4	47.9	47.9	47.6	47.1	46.4	45.6	DX2-022S
	41.3	45.9	49.2	51.5	53	53.9	54.4	54.4	54.1	53.5	52.7	51.8	DX2-025S
30	28.1	34.1	38.4	41.3	43.3	44.6	45.4	45.8	45.8	45.6	45.1	44.5	DX2-022S
	31.9	38.8	43.6	46.9	49.2	50.7	51.6	52	52.1	51.8	51.3	50.6	DX2-025S
25	13.6	25.3	31.7	35.9	38.9	40.8	42.2	43.0	43.5	43.5	43.3	42.9	DX2-022S
	15.4	28.7	36	40.8	44.2	46.4	48	48.9	49.4	49.4	49.2	48.7	DX2-025S
20		7.0	21.9	28.7	33.1	36.1	38.1	39.5	40.3	40.7	40.8	40.7	DX2-022S
		7.9	24.9	32.6	37.6	41	43.3	44.9	45.8	46.3	46.4	46.2	DX2-025S
15				17.6	25.2	29.8	32.9	35.0	36.4	37.2	37.8	37.8	DX2-022S
				20	28.6	33.9	37.4	39.8	41.4	42.3	42.9	43	DX2-025S
10					11.7	20.9	26.0	29.3	31.5	32.9	33.8	34.3	DX2-022S
					13.3	23.8	29.5	33.3	35.8	37.4	38.4	39	DX2-025S



技术文件

冷凝 温度 (°C)	R513A			扩展冷量 (kW)									产品
				蒸发温度(°C)									型号
	15	10	5	0	-5	-10	-15	-20	-25	-30	-35	-40	
60	47.1	47.3	47.1	46.6	45.8	44.9	43.7	42.4	40.9	39.4	37.8	36.0	DX2-022S
	53.5	53.7	53.5	53	52.1	51	49.7	48.2	46.5	44.8	42.9	40.9	DX2-025S
55	47.1	47.8	48.0	47.9	47.4	46.7	45.8	44.7	43.4	42.1	40.5	38.9	DX2-022S
	53.5	54.3	54.5	54.4	53.9	53.1	52	50.8	49.3	47.8	46	44.2	DX2-025S
50	46.1	47.3	48.0	48.2	48.1	47.7	47.1	46.2	45.1	43.9	42.6	41.1	DX2-022S
	52.4	53.7	54.5	54.8	54.7	54.2	53.5	52.5	51.3	49.9	48.4	46.7	DX2-025S
45	43.9	45.8	47.0	47.8	48.0	48.0	47.6	47.0	46.1	45.1	43.9	42.7	DX2-022S
	49.9	52.1	53.4	54.3	54.6	54.5	54.1	53.4	52.4	51.3	49.9	48.5	DX2-025S
40	40.6	43.3	45.1	46.4	47.1	47.4	47.3	47.0	46.5	45.7	44.7	43.6	DX2-022S
	46.1	49.2	51.3	52.7	53.5	53.9	53.8	53.4	52.8	51.9	50.8	49.6	DX2-025S
35	35.6	39.4	42.2	44.1	45.4	46.1	46.5	46.4	46.1	45.6	44.8	43.9	DX2-022S
	40.4	44.8	48	50.1	51.6	52.4	52.8	52.7	52.4	51.8	50.9	49.9	DX2-025S
30	28.2	34.1	38.0	40.8	42.8	44.0	44.8	45.1	45.1	44.9	44.4	43.6	DX2-022S
	32.1	38.7	43.2	46.4	48.6	50	50.9	51.3	51.3	51	50.4	49.6	DX2-025S
25	15.9	26.3	32.3	36.3	39.2	41.1	42.3	43.1	43.5	43.5	43.2	42.8	DX2-022S
	18.1	29.9	36.7	41.3	44.5	46.7	48.1	49	49.4	49.4	49.1	48.6	DX2-025S
20	12.2	23.8	30.1	34.2	37.1	39.1	40.3	41.1	41.4	41.4	41.5	41.4	DX2-022S
	13.9	27.1	34.2	38.9	42.2	44.4	45.8	46.7	47.1	47.2	47	47	DX2-025S
15	5.9	20.9	27.5	31.8	34.7	36.7	38.0	38.8	39.2	39.2	39.2	39.2	DX2-022S
	6.7	23.7	31.3	36.1	39.4	41.7	43.2	44.1	44.5	44.6	44.6	44.6	DX2-025S
10	17.2	24.5	29.0	31.9	34.0	35.3	36.1	36.5	36.5	36.5	36.5	36.5	DX2-022S
	19.5	27.8	32.9	36.3	38.6	40.1	41	41.5	41.5	41.5	41.5	41.5	DX2-025S