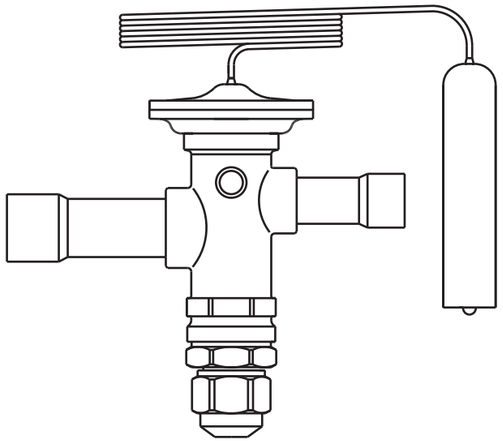
VÁLVULA DE EXPANSIÓN TEVS

La TEVS es una válvula de expansión termostática integrada con capacidad de 3.5-52 TR (R410A), apta para aire acondicionado, bombas de calor y enfriadoras



CARACTERÍSTICAS

- Elemento termostático de acero inoxidable soldado por láser
- Diafragma extrarresistente para larga vida útil
- Capilar de acero inoxidable: alta resistencia a la corrosión, robustez y resistencia a vibraciones.
- Sobrecalentamiento ajustable con rapidez y precisión
- Diseño de flujo bidireccional
- Función MOP opcional

PARÁMETROS TÉCNICOS

Refrigerantes aplicables	R22/R407C,R134a,R404A/R507,R410A,R454B,R448A/R449A,R290
Temperatura aplicable	-40°C-+10°C
Temp. máx. de trabajo del elemento sensor	100°C/210°F（R410A)
Temp. máx. de trabajo del cuerpo de válvula	110°C/230°F（R410A)
Presión máx. de trabajo	46bar/667psig
Presión máx. de prueba:	51bar/740psig
Sobrecalentamiento máx. de apertura (OSH)	4K

APLICACIONES

- Refrigeración tradicional
- Sistemas de bomba de calor
- Equipos de aire acondicionado
- Enfriadores de líquido
- Refrigeración de transporte



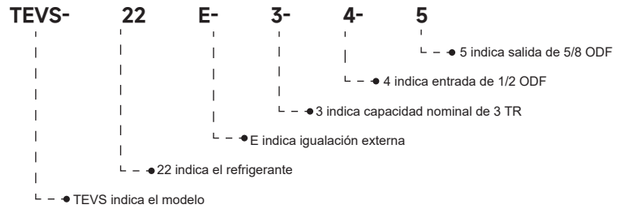
SELECCIÓN DE MODELO

Modelo	Refrigerante	Capacidad nominal de refrigeración		Medida de conexión (ODF)		
		TR	kW	Entrada	Salida	Tubo igualador
TEVS-22E-3-3-5	R22/ R407C	3	10	3/8	5/8	1/4
TEVS-22E-3-4-5		3	10	1/2	5/8	1/4
TEVS-22E-4-4-7		4	14	1/2	7/8	1/4
TEVS-22E-6-4-5		6	20	1/2	5/8	1/4
TEVS-22E-6-4-7		6	20	1/2	7/8	1/4
TEVS-22E-6-5-5		6	20	5/8	5/8	1/4
TEVS-22E-6-5-7		6	20	5/8	7/8	1/4
TEVS-22E-7.5-5-7		7.5	27	5/8	7/8	1/4
TEVS-22E-9-5-7		9	32	5/8	7/8	1/4
TEVS-22E-9-5-9		9	32	5/8	1-1/8	1/4
TEVS-22E-11-5-7		11	38	5/8	7/8	1/4
TEVS-22E-11-5-9		11	38	5/8	1-1/8	1/4
TEVS-22E-12-5-7		12	43	5/8	7/8	1/4
TEVS-22E-12-5-9		12	43	5/8	1-1/8	1/4
TEVS-22E-15-5-7		15	54	5/8	7/8	1/4
TEVS-22E-15-5-9		15	54	5/8	1-1/8	1/4
TEVS-22E-15-7-9		15	54	7/8	1-1/8	1/4
TEVS-22E-18-7-9		18	63	7/8	1-1/8	1/4
TEVS-22E-18-7-11		18	63	7/8	1-3/8	1/4
TEVS-22E-26-7-9		26	92	7/8	1-1/8	1/4
TEVS-22E-26-7-11		26	92	7/8	1-3/8	1/4
TEVS-22E-30-7-11		30	104	7/8	1-3/8	1/4
TEVS-22E-30-9-11		30	104	1-1/8	1-3/8	1/4
TEVS-22E-38-9-11		38	134	1-1/8	1-3/8	1/4
TEVS-22E-42-9-11		42	148	1-1/8	1-3/8	1/4
TEVS-404E-2-3-5	R404A/ R507	2	7	3/8	5/8	1/4
TEVS-404E-2.5-4-7		2.5	9	1/2	7/8	1/4
TEVS-404E-4-4-5		4	14	1/2	5/8	1/4
TEVS-404E-4-4-7		4	14	1/2	7/8	1/4
TEVS-404E-5-4-5		5	18	1/2	5/8	1/4
TEVS-404E-5-5-7		5	18	5/8	7/8	1/4
TEVS-404E-6-5-7		6	21	5/8	7/8	1/4
TEVS-404E-7.5-5-7		7.5	26	5/8	7/8	1/4
TEVS-404E-9-5-7		9	31	5/8	7/8	1/4
TEVS-404E-11-5-9		11	39	5/8	1-1/8	1/4
TEVS-404E-11-7-9		11	39	7/8	1-1/8	1/4
TEVS-404E-11-9-11		11	39	1-1/8	1-3/8	1/4
TEVS-404E-13-7-9		13	45	7/8	1-1/8	1/4
TEVS-404E-18-7-11		18	64	7/8	1-3/8	1/4
TEVS-404E-21-9-11		21	72	1-1/8	1-3/8	1/4
TEVS-404E-26-9-11		26	92	1-1/8	1-3/8	1/4

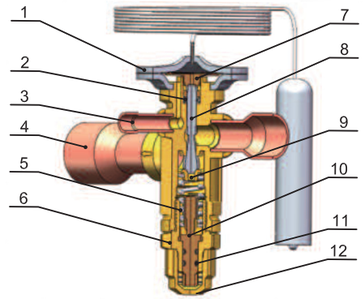
SELECCIÓN DE MODELO

Modelo	Refrigerante	Capacidad nominal de refrigeración		Medida de conexión (ODF)		
				Entrada	Salida	Tubo igualador
		TR	kW			
TEVS-134E-1.5-3-5	R134a	1.5	6	3/8	5/8	1/4
TEVS-134E-2.5-4-7		2.5	8	1/2	7/8	1/4
TEVS-134E-3.5-4-5		3.5	12	1/2	5/8	1/4
TEVS-134E-3.5-4-7		3.5	12	1/2	7/8	1/4
TEVS-134E-4.5-5-7		4.5	17	5/8	7/8	1/4
TEVS-134E-5.5-5-7		5.5	20	5/8	7/8	1/4
TEVS-134E-7-5-7		7	24	5/8	7/8	1/4
TEVS-134E-8-5-7		8	29	5/8	7/8	1/4
TEVS-134E-10-5-7		10	37	5/8	7/8	1/4
TEVS-134E-10-5-9		10	37	5/8	1-1/8	1/4
TEVS-134E-10-7-9		10	37	7/8	1-1/8	1/4
TEVS-134E-12-7-9		12	44	7/8	1-1/8	1/4
TEVS-134E-17-7-11		17	61	7/8	1-3/8	1/4
TEVS-134E-17-9-11		17	61	1-1/8	1-3/8	1/4
TEVS-134E-20-7-11		20	70	7/8	1-3/8	1/4
TEVS-134E-20-9-11		20	70	1-1/8	1-3/8	1/4
TEVS-134E-25-9-11		25	87	1-1/8	1-3/8	1/4
TEVS-410E-3.5-3-5	R410A/ R32	3.5	12	3/8	5/8	1/4
TEVS-410E-3.5-4-5		3.5	12	1/2	5/8	1/4
TEVS-410E-4.5-4-7		4.5	16	1/2	7/8	1/4
TEVS-410E-6.5-4-5		6.5	24	1/2	5/8	1/4
TEVS-410E-6.5-4-7		6.5	24	1/2	7/8	1/4
TEVS-410E-6.5-5-7		6.5	24	5/8	7/8	1/4
TEVS-410E-9-4-5		9	32	1/2	5/8	1/4
TEVS-410E-9-5-7		9	32	5/8	7/8	1/4
TEVS-410E-11-5-7		11	37	5/8	7/8	1/4
TEVS-410E-13-5-7		13	45	5/8	7/8	1/4
TEVS-410E-15-5-7		15	54	5/8	7/8	1/4
TEVS-410E-15-5-9		15	54	5/8	1-1/8	1/4
TEVS-410E-15-7-7		15	54	7/8	7/8	1/4
TEVS-410E-15-7-9		15	54	7/8	1-1/8	1/4
TEVS-410E-19-5-9		19	68	5/8	1-1/8	1/4
TEVS-410E-19-7-9		19	68	7/8	1-1/8	1/4
TEVS-410E-23-7-9		23	79	7/8	1-1/8	1/4
TEVS-410E-23-7-11		23	79	7/8	1-3/8	1/4
TEVS-410E-26-7-9		26	91	7/8	1-1/8	1/4
TEVS-410E-31-7-11		31	110	7/8	1-3/8	1/4
TEVS-410E-31-9-9		31	110	1-1/8	1-1/8	1/4
TEVS-410E-31-9-11		31	110	1-1/8	1-3/8	1/4
TEVS-410E-35-9-11		35	125	1-1/8	1-3/8	1/4
TEVS-410E-46-9-11		46	161	1-1/8	1-3/8	1/4
TEVS-410E-52-9-11		52	182	1-1/8	1-3/8	1/4

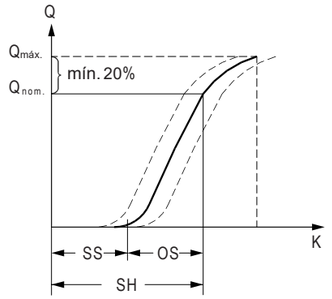
CÓDIGO DE MODELO



ESTRUCTURA



1. Elemento termostático
2. Anillo de sellado
3. Igualación
4. Salida
5. Resorte
6. Piezas de ajuste
7. Placa de transmisión
8. Núcleo de válvula
9. Asiento del resorte
10. Vástago de ajuste
11. Anillo de sellado
12. Bonete



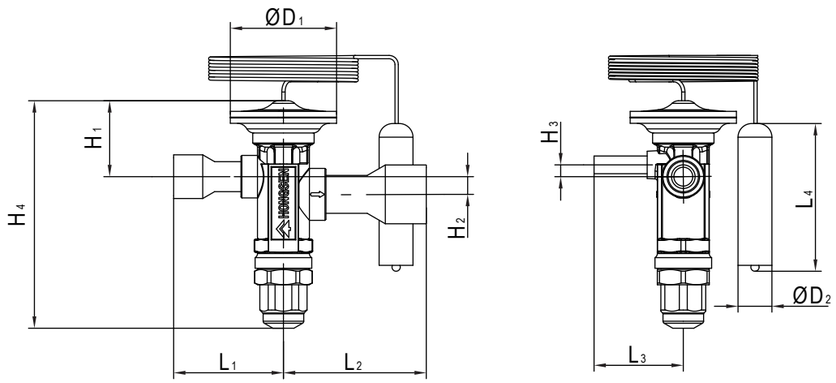
El vástago tiene un sellado de alto rendimiento que asegura un funcionamiento fiable y hermético durante toda su vida útil.
El sobrecalentamiento estático (SS) se ajusta con el vástago. El ajuste estándar es 4 K (7.2 °F), regulable dentro del rango de 0-8K/0-14.4°F.
SS = Sobrecalentamiento estático
OS = Sobrecalentamiento de apertura
SH = SS + OS = Sobrecalentamiento total

Ejemplo:
Sobrecalentamiento estático (SS) = 4 K / 7.2 °F (de fábrica)
Sobrecalentamiento de apertura (OS) = 4 K / 7.2 °F
Un sobrecalentamiento de apertura de 4 K indica la apertura de la válvula al alcanzar la capacidad nominal.
Sobrecalentamiento total (SH) = SS + OS; SH = 4 + 4 = 8 K /14.4°F
El sobrecalentamiento total (SH) se ajusta cambiando el sobrecalentamiento estático (SS) con el vástago de ajuste.

DISEÑO DE PUERTO BALANCEADO Y SUS VENTAJAS

• Las válvulas de expansión integradas TEVS usan un diseño de puerto balanceado (BP).
• Este diseño evita fluctuaciones de caudal por caídas de presión en la válvula y da un control preciso en sistemas HVAC con amplias variaciones de operación.
• Se recomienda en las siguientes aplicaciones de refrigeración y aire acondicionado:
① Fuertes fluctuaciones de la presión de descarga
② Fuertes fluctuaciones de la carga del evaporador
③ Grandes fluctuaciones de la caída de presiónen la válvula
④ Fluctuaciones de temperatura en la línea de líquido o problemas de subenfriamiento
⑤ Gas flash intermitente en la línea de líquido

DIMENSIONES GENERALES



Modelo	Entrada	Salida	H1 mm	H2 mm	H3 mm	H4 mm	L1 mm	L2 mm	L3 mm	L4 mm	ØD1 mm	ØD2 mm
TEVS	3/8	1/2	28.5	7.5	5	93	41.5	45.5	37.5	70	45	14.5
	3/8	5/8										
	1/2	5/8										
	1/2	7/8						59.5				
	5/8	5/8					45.5	45.5				
	5/8	7/8						59.5				
	5/8	1-1/8										
	5/8	7/8	32	9	8	117	48	62	40	78	53	19.2
	7/8	7/8					62					
	5/8	1-1/8					48	66				
	7/8	1-1/8					62					
	7/8	1-3/8										
	7/8	1-3/8	39	15	11	144		74.5	43.5	78	60	19.2
	1-1/8	1-1/8					69.5	69.5				
	1-1/8	1-3/8						74.5				

CAPACIDAD NOMINAL (R22/kW)

Modelo	N.R.C. R22/kW	Caída de presión entre entrada y salida ΔP bar								Caída de presión entre entrada y salida ΔP bar							
		2	4	6	8	10	12	14	16	2	4	6	8	10	12	14	16
		Temperatura de evaporación +15 °C								Temperatura de evaporación +10 °C							
TEVS3	10	7.1	9.4	10.8	11.7	12.2	12.5	12.7	12.8	6.8	9.0	10.4	11.1	11.6	11.9	12.0	12.1
TEVS4	14	9.7	12.8	14.7	15.8	16.5	16.9	17.1	17.1	9.3	12.3	14.1	15.1	15.7	16.0	16.2	16.2
TEVS6	20	14.2	18.7	21.4	23.9	23.9	24.3	24.5	24.5	13.8	18.1	20.6	22.0	22.7	23.2	23.3	23.2
TEVS7.5	27	18.7	24.5	27.9	30.0	31.1	31.6	31.8	31.7	18.2	23.8	27.1	28.8	29.8	30.3	30.4	30.2
TEVS11	38	24.2	32.2	37.3	40.6	42.6	43.9	44.7	45.1	23.9	31.7	36.6	39.5	41.3	42.6	43.3	43.6
TEVS12	43	32.5	42.1	47.3	50.2	51.4	51.7	51.4	50.7	31.2	40.2	45.1	47.4	48.4	48.6	48.3	47.5
TEVS15	54	41.8	53.9	60.3	63.7	64.9	65.0	64.4	63.3	40.1	51.5	57.4	60.1	61.1	61.1	60.4	59.3
TEVS18	63	47.1	61.4	69.6	74.1	76.0	76.4	75.9	74.5	45.7	59.3	66.7	70.2	71.6	71.6	70.7	69.3
TEVS26	92	80.6	102.3	113.1	118.0	118.7	117.6	115.3	112.2	77.6	98.0	107.9	111.4	111.8	110.5	108.1	105.0
TEVS30	104	92.0	116.7	128.9	134.2	134.9	133.5	130.7	127.1	88.7	111.9	123.0	126.8	127.1	125.4	122.3	118.9
TEVS38	134	111.5	145.7	165.2	176.3	181.2	182.8	182.0	179.4	107.8	140.0	157.9	166.7	170.4	171.2	169.6	166.5
		Temperatura de evaporación +5 °C								Temperatura de evaporación +0 °C							
TEVS3	10	6.6	8.6	9.8	10.5	10.9	11.2	11.3	11.4	6.2	8.2	9.2	9.8	10.2	10.5	10.6	10.6
TEVS4	14	9.0	11.8	13.4	14.2	14.8	15.1	15.2	15.2	8.5	11.2	12.6	13.4	13.8	14.1	14.2	14.2
TEVS6	20	13.3	17.3	19.6	20.8	21.5	21.9	21.9	22.0	12.7	16.5	18.5	19.6	20.2	20.5	20.5	20.4
TEVS 7.5	27	17.7	23.0	25.9	27.5	28.3	28.7	28.6	28.8	17.0	22.0	24.6	26.0	26.7	27.0	27.0	26.8
TEVS 11	38	23.5	31.0	35.5	38.1	39.8	40.9	41.9	41.9	22.9	30.1	34.1	36.5	38.1	39.0	39.6	39.8
TEVS 12	43	29.7	38.1	42.5	44.4	45.2	45.3	44.9	44.2	28.1	35.8	39.5	41.2	41.9	41.9	41.5	40.8
TEVS 15	54	38.2	48.8	54.1	56.2	57.0	56.9	56.2	55.1	36.1	45.8	50.3	52.1	52.7	52.5	51.8	50.7
TEVS 18	63	44.0	56.6	63.1	65.8	66.6	66.7	66.0	64.9	42.0	53.5	58.8	61.2	62.1	52.1	61.4	60.3
TEVS 26	92	74.2	93.2	101.7	104.3	104.4	102.9	100.5	97.4	70.4	87.8	94.8	96.9	96.6	95.0	92.6	89.6
TEVS 30	104	84.9	106.5	116.1	118.8	118.7	116.9	113.9	110.3	80.6	100.4	108.2	110.4	109.9	107.9	105.0	101.5
TEVS 38	134	103.3	133.3	149.0	155.9	158.6	158.4	156.1	152.2	98.3	125.8	138.7	144.2	145.7	144.6	141.5	137.0
		Temperatura de evaporación -5 °C								Temperatura de evaporación -10 °C							
TEVS3	10	5.9	7.7	8.6	9.2	9.5	9.7	9.8	9.8	5.5	7.1	7.9	8.4	8.7	8.9	9.0	9.0
TEVS4	14	8.1	10.5	11.7	12.4	12.8	13.1	13.2	13.1	7.6	9.8	10.8	11.5	11.8	12.0	12.1	12
TEVS6	20	12.1	15.6	17.3	18.3	18.8	19.0	19.0	18.9	11.4	14.5	16.0	16.9	17.3	17.5	17.5	17.4
TEVS 7.5	27	16.2	20.9	23.1	24.3	24.9	25.2	25.1	24.9	15.4	19.6	21.5	22.6	23.1	23.2	23.2	22.9
TEVS 11	38	22.1	28.9	32.4	34.6	36.0	36.9	37.3	37.4	21.2	27.4	30.6	32.5	33.7	34.4	34.7	34.8
TEVS 12	43	26.3	33.4	36.4	37.9	38.4	38.4	38.0	37.3	24.4	30.6	33.3	34.5	34.9	34.9	34.5	33.8
TEVS 15	54	33.8	42.7	46.3	47.9	48.3	48.1	47.4	46.3	31.3	39.1	42.3	43.6	43.9	43.6	42.9	41.9
TEVS 18	63	39.6	50.2	54.7	56.8	57.5	57.3	56.6	55.4	37.1	46.5	50.4	52.1	52.6	52.4	51.6	50.5
TEVS 26	92	66.2	82.1	87.6	89.2	88.7	87.0	84.6	81.7	61.7	75.6	80.2	81.3	80.7	79.0	76.6	73.9
TEVS 30	104	75.9	94.0	100.0	101.6	100.9	98.8	95.9	92.6	70.9	86.6	91.6	92.7	91.8	89.7	86.9	83.7
TEVS 38	134	92.6	117.5	127.7	131.7	132.1	130.0	126.2	121.0	86.4	107.9	116.1	118.7	117.9	114.9	110.2	104.4

CAPACIDAD NOMINAL (R22/kW)

Modelo	N.R.C. R22/kW	Caída de presión entre entrada y salida ΔP bar								Caída de presión entre entrada y salida ΔP bar							
		2	4	6	8	10	12	14	16	2	4	6	8	10	12	14	16
		Temperatura de evaporación -15 °C								Temperatura de evaporación -20 °C							
TEVS3	10	5.1	6.6	7.3	7.7	8.0	8.1	8.2	8.2	4.7	6.0	6.6	7.0	7.2	7.3	7.4	7.4
TEVS4	14	7.1	9.0	9.9	10.5	10.8	11.0	11.0	10.9	6.5	8.2	9.0	9.5	9.8	9.9	9.9	9.9
TEVS6	20	10.6	13.4	14.7	15.5	15.8	16.0	15.9	15.8	9.8	1.2	13.4	14.0	14.3	14.4	14.4	14.2
TEVS 7.5	27	14.4	18.1	19.8	20.7	21.2	21.3	21.1	20.9	13.4	16.6	18.1	18.9	19.2	19.3	19.1	18.8
TEVS 11	38	20.1	25.6	28.5	30.2	31.2	31.8	32.0	31.9	18.9	23.7	26.2	27.7	28.5	28.9	29.0	28.8
TEVS 12	43	22.4	27.8	30.1	31.2	31.5	31.4	31.0	30.4	20.4	25.0	27.0	27.9	28.1	28.0	27.7	27.1
TEVS 15	54	28.8	35.5	38.2	39.3	39.6	39.2	38.6	37.6	26.2	31.9	34.2	35.2	35.3	35.0	34.4	33.5
TEVS 18	63	34.5	42.6	45.9	47.4	47.7	47.4	46.6	45.5	31.6	38.6	41.4	42.6	42.9	42.5	41.7	40.7
TEVS 26	92	57.0	68.8	72.7	73.5	72.7	71.0	68.8	66.3	52.2	62.1	65.3	65.8	64.9	63.3	61.3	58.9
TEVS 30	104	65.5	78.9	83.1	83.8	82.7	80.7	78.0	75.0	60.0	71.2	74.6	75.0	73.9	71.9	69.4	66.6
TEVS 38	134	79.8	97.8	104.1	105.3	103.4	99.5	94.8	91.3	72.9	87.4	91.9	91.8	89.5	87.3	84.4	81.1
		Temperatura de evaporación -25 °C								Temperatura de evaporación -30 °C							
TEVS3	10	4.3	5.4	5.9	6.3	6.5	6.6	6.6	6.6	3.9	4.8	5.3	5.6	5.7	5.8	5.9	5.8
TEVS4	14	6.0	7.4	8.1	8.5	8.7	8.8	8.9	8.8	5.3	6.6	7.2	7.6	7.8	7.8	7.8	7.8
TEVS6	20	9.0	11.0	12.1	12.6	12.9	12.9	12.8	12.7	8.1	9.9	10.8	11.2	11.4	11.4	11.4	11.2
TEVS 7.5	27	12.3	15.1	16.4	17.0	17.3	17.3	17.1	16.8	11.1	13.5	14.6	15.2	15.3	15.3	15.1	14.8
TEVS 11	38	17.5	21.7	23.9	25.1	25.7	26.0	25.9	25.6	16.0	19.6	21.4	22.4	22.9	22.9	22.7	22.3
TEVS 12	43	18.4	22.2	23.9	24.7	24.9	24.8	24.5	24.0	16.2	19.5	21.0	21.7	21.9	21.8	21.5	21
TEVS 15	54	23.6	28.3	30.3	31.1	31.3	30.9	30.4	29.6	20.9	24.9	26.7	27.3	27.4	27.1	26.6	26
TEVS 18	63	28.7	34.5	37.0	38.0	38.1	37.7	37.0	36.1	25.6	30.6	32.7	33.5	33.6	33.2	32.6	31.7
TEVS 26	92	47.3	55.4	58.0	58.3	57.5	56.0	54.1	51.9	42.0	48.9	51.1	51.3	50.4	49.0	47.3	45.4
TEVS 30	104	54.4	63.5	66.4	66.5	65.4	63.5	61.2	58.7	48.4	56.1	58.4	58.5	57.3	55.6	53.5	51.3
TEVS 38	134	65.8	77.1	80.1	80.5	79.3	77.1	74.4	71.4	58.2	67.7	70.6	70.8	69.6	67.5	65.1	62.3
		Temperatura de evaporación -35 °C								Temperatura de evaporación -40 °C							
TEVS3	10	3.4	4.2	4.7	4.9	5.1	5.1	5.1	5.1	3.0	3.7	4.1	4.3	4.4	4.4	4.5	4.4
TEVS4	14	4.7	5.8	6.4	6.7	6.8	6.9	6.9	6.8	4.2	5.1	5.5	5.8	5.9	6.0	5.9	5.9
TEVS6	20	7.2	8.7	9.5	9.9	10.0	10.0	9.9	9.8	6.3	7.6	8.3	8.6	8.7	8.7	8.6	8.4
TEVS 7.5	27	9.9	12.0	12.9	13.4	13.5	13.4	13.2	12.9	8.8	10.5	11.3	11.7	11.7	11.7	11.5	11.2
TEVS 11	38	14.3	17.4	19.0	19.7	19.9	19.9	19.5	19.0	12.7	15.3	16.5	17.0	17.1	16.8	16.5	16.1
TEVS 12	43	14.2	17.0	18.3	18.9	19.1	19.0	18.7	18.7	12.3	14.7	15.8	16.4	16.5	16.5	16.2	15.9
TEVS 15	54	18.3	21.7	23.2	23.8	23.9	23.6	23.2	22.6	15.8	18.8	20.1	20.6	20.7	20.5	20.1	19.6
TEVS 18	63	22.5	26.8	28.6	29.3	29.3	29.0	28.4	27.7	19.6	23.3	24.8	25.4	25.4	25.1	24.6	24
TEVS 26	92	36.9	42.8	44.5	44.6	43.8	42.6	41.1	39.4	32.1	37.0	38.5	38.5	37.8	36.7	35.4	34
TEVS 30	104	42.6	49.1	51.0	50.9	49.8	48.3	46.4	44.4	37.0	42.5	44.1	43.9	43.0	41.6	40.0	38.2
TEVS 38	134	51.3	59.3	61.7	61.7	60.5	58.6	56.4	54.0	44.7	51.5	53.4	53.3	52.2	50.5	48.5	46.4

FACTOR DE CORRECCIÓN POR SUBENFRIAMIENTO ΔTSUB

$\triangle t_{sub}$	4 K	10 K	15 K	20 K	25 K	30 K	35 K	40 K	45 K	50 K
TEVS 10	1.00	1.06	1.11	1.15	1.20	1.24	1.29	1.33	1.37	1.42
TEVS 20										
TEVS 40										

Factor de corrección por subenfriamiento Δt

Si el subenfriamiento difiere de 4 K, la capacidad del evaporador debe corregirse: divida la capacidad requerida entre el factor de corrección de la tabla y seleccione la válvula con la capacidad corregida.

NOTA: si el subenfriamiento es demasiado bajo, se formará gas flash.

CAPACIDAD NOMINAL (R134a/kW)

Modelo	N.R.C. R134a/kW	Caída de presión entre entrada y salida ΔP bar								Caída de presión entre entrada y salida ΔP bar							
		2	4	6	8	10	12	14	16	2	4	6	8	10	12	14	16
		Temperatura de evaporación +15 °C								Temperatura de evaporación +10 °C							
TEVS 1.5	6	5.2	6.6	7.3	7.6	7.8	7.8	7.7	7.5	4.9	6.2	6.8	7.1	7.2	7.2	7.1	7
TEVS 2.5	8	7.1	9	10	10.4	10.5	10.5	10.3	10.1	6.7	8.5	9.3	9.7	9.8	9.7	9.6	9.3
TEVS 3.5	12	10.6	13.4	14.7	15.3	15.4	15.3	15	14.6	10.1	12.7	13.8	14.3	14.4	14.2	13.9	13.5
TEVS 4.5	17	14.2	18	19.7	20.4	20.5	20.3	19.8	19.2	13.6	17.1	18.5	19.1	19.1	18.9	18.4	17.8
TEVS7	24	19.3	24.8	27.5	28.8	29.4	29.5	29.2	28.6	18.7	23.9	26.2	27.3	27.8	27.8	27.4	26.8
TEVS8	29	26.8	33.4	36	36.6	36.4	35.5	34.3	32.9	25.3	31.4	33.4	33.9	33.6	32.7	31.6	30.2
TEVS 10	37	34.5	42.7	45.7	46.3	45.8	44.5	42.8	40.8	32.6	40.1	42.4	42.8	42.2	41	39.3	37.4
TEVS 12	44	39.7	49.7	53.5	54.2	53.5	52.2	50.4	48.2	37.9	46.9	49.7	50.4	49.8	48.5	46.6	44.5
TEVS 17	61	64.1	78.2	82.5	82.5	80.4	77.3	73.5	69.4	60.8	73.6	76.7	76.3	74.2	71.1	67.4	63.5
TEVS 20	70	73.5	89.5	94.2	94	91.5	87.8	83.4	78.6	69.7	84.2	87.6	87	84.4	80.7	76.4	71.9
TEVS 25	87	89.7	112.5	121.4	123.6	122.4	118.8	113.7	107.5	85.2	105.8	112.5	113.7	111.7	107.6	102.1	95.6
		Temperatura de evaporación +5 °C								Temperatura de evaporación 0 °C							
TEVS3	6	4.6	5.8	6.3	6.6	6.7	6.6	6.5	6.4	4.3	5.4	5.8	6	6.1	6.1	6	5.8
TEVS4	8	6.3	7.9	8.6	8.9	9	9	8.8	8.6	5.9	7.3	7.9	8.2	8.3	8.2	8	7.8
TEVS6	12	9.5	11.9	12.8	13.2	13.3	13.1	12.8	12.4	8.9	11	11.8	12.1	12.2	12	11.7	11.3
TEVS 7.5	17	12.9	16.1	17.3	17.7	17.7	17.5	17	16.4	12.2	14.9	16	16.3	16.3	16	15.6	15
TEVS 11	24	17.9	22.6	24.6	25.6	26	25.9	25.5	24.9	17.1	21.2	23	23.8	24.1	23.9	23.4	22.8
TEVS 12	29	23.7	29	30.8	31.1	30.7	29.9	28.8	27.5	22.1	26.6	28.1	28.3	27.9	27.1	26	24.8
TEVS 15	37	30.5	37.1	39	39.3	38.6	37.3	35.8	34	28.4	34	35.6	35.7	35	33.8	32.3	30.6
TEVS 18	44	35.8	43.7	46.1	46.6	45.9	44.5	42.8	40.7	33.6	40.4	42.5	42.7	41.9	40.6	38.8	36.9
TEVS 26	61	57.2	68.2	70.7	70	67.8	64.8	61.3	57.6	53.4	62.7	64.6	63.7	61.5	58.6	55.3	51.9
TEVS 30	70	65.6	78.1	80.7	79.8	77.2	73.6	69.5	65.2	61.3	71.8	73.8	72.7	70	66.5	62.7	58.7
TEVS 38	87	80.2	97.9	103.1	103.3	100.5	95.9	90	83.3	74.9	89.6	93.4	92.6	89.1	84	77.7	71.4
		Temperatura de evaporación -5 °C								Temperatura de evaporación -10 °C							
TEVS 1.5	6	4	4.9	5.3	5.5	5.5	5.5	5.4	5.3	3.7	4.5	4.8	5	5	5	4.9	4.7
TEVS 2.5	8	5.5	6.7	7.3	7.5	7.5	7.4	7.3	7	5.1	6.1	6.6	6.8	6.8	6.7	6.5	6.3
TEVS 3.5	12	8.3	10.1	10.8	11.1	11.1	10.9	10.6	10.2	7.7	9.2	9.8	10	10	9.8	9.5	9.1
TEVS 4.5	17	11.4	13.8	14.7	14.9	14.9	14.6	14.1	13.5	10.6	12.6	13.4	13.6	13.5	13.1	12.7	12.1
TEVS7	24	16.1	19.7	21.3	21.9	22	21.8	21.3	20.6	15.1	18.1	19.5	20	20	19.7	19.1	18.4
TEVS8	29	20.3	24.2	25.4	25.6	25.1	24.3	23.3	22.2	18.6	21.8	22.8	22.9	22.5	21.7	20.8	19.8
TEVS 10	37	26.1	30.8	32.2	32.2	31.5	30 .3	28.9	27.4	23.9	27.8	28.9	28.8	28.1	27	25.7	24.3
TEVS 12	44	31.2	37	38.7	38.8	37.9	36.6	35	33.1	28.8	33.5	34.9	34.9	34.1	32.8	31.2	29.5
TEVS 17	61	49.4	57.1	58.5	57.6	55.4	52.6	49.6	46.4	45.4	51.6	52.7	51.6	49.5	46.9	44.1	41.1
TEVS 20	70	56.8	65.5	66.9	65.6	63	59.7	56.1	52.4	52.2	59.2	60.2	58.8	56.3	53.2	49.9	46.5
TEVS 25	87	69.3	81.2	83.6	81.8	77.7	72.5	68.3	63.8	63.5	72.7	73.8	71.2	68.2	64.6	60.7	56.6

CAPACIDAD NOMINAL (R134a/kW)

Modelo	N.R.C. R134a/kW	Caída de presión entre entrada y salida ΔP bar								Caída de presión entre entrada y salida ΔP bar							
		2	4	6	8	10	12	14	16	2	4	6	8	10	12	14	16
		Temperatura de evaporación -15 °C								Temperatura de evaporación -20 °C							
TEVS 1.5	6	3.4	4	4.3	4.5	4.5	4.4	4.3	4.2	3	3.6	3.9	4	4	4	3.9	3.7
TEVS 2.5	8	4.6	5.5	5.9	6.1	6.1	6	5.8	5.6	4.2	5	5.3	5.4	5.4	5.3	5.2	5
TEVS 3.5	12	7	8.3	8.9	9	9	8.8	8.5	8.1	6.4	7.5	7.9	8.1	8	7.8	7.5	7.2
TEVS 4.5	17	9.7	11.4	12.1	12.2	12.1	11.8	11.3	10.8	8.8	10.3	10.9	11	10.8	10.5	10.1	9.6
TEVS7	24	13.9	16.5	17.7	18	17.9	17.6	17	16.2	12.7	15	15.9	16.1	15.9	15.5	14.9	14.1
TEVS8	29	16.7	19.4	20.3	20.3	19.9	19.3	18.4	17.5	14.9	17.3	18	18	17.6	17	16.2	15.4
TEVS 10	37	21.5	24.8	25.7	25.6	24.9	23.9	22.8	21.5	19.1	22	22.7	22.6	22	21.1	20	18.9
TEVS 12	44	26.1	30.2	31.3	31.1	30.3	29.1	27.7	26.1	23.4	26.9	27.8	27.6	26.8	25.7	24.4	23
TEVS 17	61	41	46.3	47	45.9	43.9	41.5	38.9	36.3	36.8	41.3	41.8	40.6	38.8	36.6	34.2	31.8
TEVS 20	70	47.3	53.1	53.8	52.3	49.9	47.1	44	40.9	42.4	47.4	47.7	46.3	44.1	41.5	38.7	35.9
TEVS 25	87	57.2	64.3	65	63.4	60.6	57.2	53.6	49.8	50.9	57.1	57.7	56.1	53.5	50.3	47	43.6
		Temperatura de evaporación -25 °C								Temperatura de evaporación -30 °C							
TEVS 1.5	6	2.7	3.2	3.5	3.6	3.6	3.5	3.4	3.3	2.4	2.9	3.1	3.2	3.1	3.1	3	2.9
TEVS 2.5	8	3.8	4.5	4.7	4.8	4.8	4.7	4.6	4.4	3.4	4	4.2	4.3	4.3	4.2	4	3.9
TEVS 3.5	12	5.7	6.7	7.1	7.2	7.1	6.9	6.6	6.3	5.1	6	6.3	6.4	6.3	6.1	5.8	5.6
TEVS 4.5	17	7.9	9.2	9.7	9.8	9.6	9.3	8.9	8.4	7.1	8.3	8.6	8.7	8.5	8.2	7.8	7.4
TEVS7	24	11.5	13.4	14.2	14.3	14	13.5	12.8	12.1	13.3	12	12.5	12.5	12.2	11.8	11.3	10.6
TEVS8	29	13.2	15.2	15.8	15.8	15.5	14.9	14.2	13.5	11.6	13.4	13.9	13.9	13.5	13	12.4	11.8
TEVS 10	37	16.9	19.4	20	19.8	19.3	18.5	17.5	16.5	14.9	17	17.5	17.4	16.9	16.1	15.3	14.4
TEVS 12	44	20.8	23.8	24.6	24.3	23.6	22.6	21.4	20.1	18.4	21	21.6	21.4	20.7	19.8	18.7	17.5
TEVS 17	61	32.8	36.6	36.9	35.8	34.1	32.1	30	27.8	29.1	32.3	32.5	31.4	29.9	28.1	26.2	24.3
TEVS 20	70	37.8	42	42.2	40.8	38.7	36.3	33.8	31.3	33.6	37.1	35.8	35.8	33.9	31.8	29.5	27.3
TEVS 25	87	45.5	50.7	51	49.4	47	44.1	41.1	38	40.4	44.8	44.9	43.4	41.1	38.5	35.8	33
		Temperatura de evaporación -35 °C								Temperatura de evaporación -40 °C							
TEVS 1.5	6	2.2	2.6	2.7	2.8	2.8	2.7	2.6	2.5	2	2.3	2.4	2.5	2.5	2.4	2.3	2.2
TEVS 2.5	8	3	3.5	3.7	3.8	3.8	3.7	3.5	3.4	2.7	3.2	3.3	3.4	3.3	3.2	3.1	3
TEVS 3.5	12	4.6	5.3	5.6	5.6	5.5	5.4	5.1	4.9	4.1	4.8	5	5	4.9	4.7	4.5	4.3
TEVS 4.5	17	6.4	7.4	7.7	7.7	7.5	7.2	6.9	6.5	5.7	6.6	6.8	6.8	6.6	6.4	6	5.7
TEVS7	24	9.3	10.7	11.1	11.1	10.8	10.4	9.9	9.3	8.3	9.6	9.9	9.9	9.6	9.2	8.7	8.2
TEVS8	29	10.2	11.7	12.2	12	11.9	11.4	10.9	10.3	8.9	10.3	10.7	10.6	10.4	10	9.5	9
TEVS 10	37	13.1	14.9	15.4	15	14.7	14.1	13.4	12.6	11.5	13.1	13.5	13.3	12.9	12.3	11.7	11
TEVS 12	44	16.3	18.5	19	18	18.1	17.3	16.3	15.3	14.3	16.2	16.7	16.4	15.9	15.1	14.3	13.4
TEVS 17	61	25.7	28.4	28.5	27.6	26.2	24.6	22.9	21.1	22.7	25.1	25.1	24.2	22.9	21.5	20	18.5
TEVS 20	70	29.7	32.7	32.6	31.4	29.7	27.7	25.7	23.7	26.2	28.8	28.7	27.5	26	24.3	22.5	20.7
TEVS 25	87	35.8	39.5	39.5	38	35.9	33.6	31.1	28.7	31.7	34.8	34.7	33.4	31.5	29.3	27.1	24.9

FACTOR DE CORRECCIÓN POR SUBENFRIAMIENTO ΔTSUB

△ t_{sub}	4 K	10 K	15 K	20 K	25 K	30 K	35 K	40 K	45 K	50 K
TEVS 10	1.00	1.08	1.13	1.18	1.23	1.29	1.34	1.39	1.44	1.49
TEVS 20										
TEVS 40										

Factor de corrección por subenfriamiento Δt

Si el subenfriamiento difiere de 4 K, la capacidad del evaporador debe corregirse: divida la capacidad requerida entre el factor de corrección de la tabla y seleccione la válvula con la capacidad corregida.

NOTA: si el subenfriamiento es demasiado bajo, se formará gas flash.

CAPACIDAD NOMINAL (R404A/R507/kW)

Modelo	N.R.C. R404A/ R507/ kW	Caída de presión entre entrada y salida ΔP bar								Caída de presión entre entrada y salida ΔP bar							
		2	4	6	8	10	12	14	16	2	4	6	8	10	12	14	16
		Temperatura de evaporación +15 °C								Temperatura de evaporación +10 °C							
TEVS2	7	5.1	6.6	7.4	7.9	8.1	8.1	8	7.8	4.9	6.4	7.2	7.6	7.8	7.8	7.7	7.5
TEVS 2.5	9	5.9	9	10.1	10.7	11	10.9	10.8	10.5	6.8	8.7	9.8	10.4	10.5	10.5	10.3	10
TEVS4	14	10.2	13.2	14.8	15.6	15.9	15.9	15.6	15.1	10	12.9	14.4	15.2	15.4	15.3	15	14.5
TEVS5	18	13.4	17.3	19.4	20.5	20.9	20.7	20.3	19.6	13.3	17	19	20	20.2	20.1	19.6	19
TEVS 7.5	26	17.5	22.9	25.9	27.7	28.5	28.6	28.3	27.6	17.5	22.8	25.7	27.4	28	28.1	27.7	27.1
TEVS9	31	24.8	31.6	35	36.5	36.8	36.1	35	33.5	24.2	30.7	33.8	35.2	35.2	34.6	33.5	32
TEVS 11	39	31.9	40.5	44.7	46.5	46.6	45.6	44.1	42.1	31.1	39.3	43.2	44.7	44.6	43.6	42.1	40.2
TEVS 13	45	35.7	45.8	51.1	53.6	54.2	53.4	51.8	49.6	35.2	45	49.8	52	52.1	51.1	49.4	47.1
TEVS 18	64	58.4	73.3	80	82.4	81.8	79.5	76.1	82.1	57	71.2	77.3	79.3	78.2	75.8	72.5	68.7
TEVS 21	72	66.8	83.8	91.2	93.9	93.2	90.4	86.5	81.8	65.2	81.3	88.3	90.4	89.1	86.2	82.4	77.9
TEVS 26	92	80.6	103.5	115.3	121.2	122.5	120.9	117.4	112.7	78.8	100.7	111.7	116.7	117	115.1	111.5	106.6
		Temperatura de evaporación +5 °C								Temperatura de evaporación 0 °C							
TEVS2	7	4.8	6.2	6.9	7.2	7.4	7.4	7.3	7.1	4.6	5.9	6.6	6.9	7	7	6.9	6.7
TEVS 2.5	9	6.6	8.4	9.4	9.9	10.1	10	9.8	9.6.0	6.3	8.1	9	9.4	9.5	9.4	9.3	9
TEVS4	14	9.7	12.5	13.9	14.6	14.7	14.6	14.3	13.8	9.4	12	13.3	13.8	13.9	13.8	13.5	13.1
TEVS5	18	13	16.6	18.5	19.3	19.4	19.3	18.8	17.2	12.6	16.1	17.8	18.4	18.5	18.3	17.8	17.2
TEVS 7.5	26	17.3	11.4	25.3	26.7	27.2	27.2	26.9	26.3	17	21.9	24.6	26.7	26.2	26.2	25.8	25.2
TEVS9	31	23.4	29.5	32.4	33.4	33.4	32.7	31.6	30.3	22.4	28.1	30.8	31.5	31.3	30.6	29.6	28.3
TEVS 11	39	30	37.8	41.4	42.5	42.2	41.2	39.7	37.9	28.8	36	39.2	39.9	39.6	38.6	37.1	35.4
TEVS 13	45	34.4	43.6	48.1	49.6	49.4	48.2	46.4	44.3	33.3	41.9	45.8	46.7	46.3	45.3	43.7	41.7
TEVS 18	64	55.1	68.4	74.1	75.2	74	71.6	68.4	64.6	52.8	65.3	70.2	70.7	69.3	66.9	63.8	60.2
TEVS 21	72	63.1	78.3	84.6	85.8	84.3	81.4	77.7	73.4	60.6	74.7	80.2	80.7	79	76.1	72.5	68.4
TEVS 26	92	76.4	97.1	107.1	110.6	110.5	108.2	104.3	99.5	73.4	92.6	101.4	103.7	103	100.3	96.3	91.3
		Temperatura de evaporación -5 °C								Temperatura de evaporación -10 °C							
TEVS2	7	4.4	5.6	6.2	6.5	6.5	6.5	6.4	6.2	4.2	5.3	5.8	6	6.1	6	5.9	5.8
TEVS 2.5	9	6	7.7	8.5	8.8	8.9	8.8	8.6	8.4	5.7	7.2	7.9	8.2	8.2	8.2	8	7.7
TEVS4	14	9	11.5	12.6	13	13.1	12.9	12.6	12.2	8.6	10.8	11.7	12.1	12.2	12	11.7	11.3
TEVS5	18	12.2	15.4	16.8	17.4	17.4	17.2	16.7	16.1	11.6	14.6	15.8	16.3	16.3	16	15.6	15
TEVS 7.5	26	16.6	21.3	23.6	24.6	25	24.9	24.5	23.9	16	20.4	22.4	23.2	23.5	23.4	23	22.3
TEVS9	31	21.2	26.6	28.7	29.3	29.1	28.4	27.4	26.2	20	24.9	26.6	27	26.8	26.1	25.2	24
TEVS 11	39	27.3	34	36.6	37.2	36.8	35.8	34.4	32.7	25.7	31.8	33.9	34.3	33.8	32.8	31.5	29.9
TEVS 13	45	31.9	39.8	43	43.8	43.4	42.3	40.8	38.9	30.3	37.6	40.1	40.7	40.3	39.2	37.6	35.8
TEVS 18	64	50.2	61.7	65.6	65.8	64.3	61.9	58.9	55.6	47.4	57.8	60.7	60.7	59.2	56.8	54	50.8
TEVS 21	72	57.7	70.7	75	75.1	73.4	70.5	67	63.1	54.4	66.3	69.5	69.3	67.5	64.7	61.4	57.7
TEVS 26	92	69.9	87.5	94.5	96	94.8	91.8	87.5	82.5	66	81.9	87.1	87.8	86.1	82.7	78.3	73.1

CAPACIDAD NOMINAL (R404A/R507/kW)

Modelo	N.R.C. R404A/ R507/ kW	Caída de presión entre entrada y salida ΔP bar								Caída de presión entre entrada y salida ΔP bar							
		2	4	6	8	10	12	14	16	2	4	6	8	10	12	14	16
		Temperatura de evaporación -15 °C								Temperatura de evaporación -20 °C							
TEVS2	7	3.9	4.9	5.3	5.5	5.6	5.5	5.4	5.3	3.6	4.5	4.9	5.1	5.1	5.1	4.9	4.8
TEVS 2.5	9	5.4	6.7	7.3	7.5	7.6	7.5	7.3	7.1	5	6.2	6.7	6.9	6.9	6.8	6.7	6.4
TEVS4	14	8.1	10.1	10.9	11.2	11.2	11	10.7	10.3	7.6	9.3	10	10.3	10.2	10.1	9.8	9.4
TEVS5	18	11	13.7	14.7	15.1	15.1	14.8	14.3	13.8	10.3	12.7	13.6	13.9	13.8	13.5	13.1	12.5
TEVS 7.5	26	15.3	19.3	21	21.8	22	21.8	21.3	20.7	14.5	18.1	19.5	20.2	20.3	20	19.5	18.9
TEVS9	31	18.6	22.9	24.4	24.7	24.4	23.8	22.9	21.8	17.2	20.9	22.1	22.4	22.1	21.4	20.6	19.6
TEVS 11	39	24	29.4	31	31.3	30.8	29.8	28.6	27.1	22.2	26.8	28.2	28.3	27.8	26.9	25.7	24.4
TEVS 13	45	28.5	35	37.1	37.5	37	35.9	34.4	32.7	26.6	32.2	33.9	34.2	33.6	32.5	31.1	29.5
TEVS 18	64	44.3	53.4	55.7	55.4	53.9	51.6	49	46	41.1	48.8	50.6	50.2	48.7	46.5	44	41.3
TEVS 21	72	50.9	61.3	63.7	63.4	61.5	58.8	55.6	52.2	47.3	56	58	57.4	55.6	53	50	46.8
TEVS 26	92	61.8	75.4	79.3	79.3	77	73.4	68.8	63.6	57.2	68.5	71.3	70.6	67.9	64.2	60.7	56.9
		Temperatura de evaporación -25 °C								Temperatura de evaporación -30 °C							
TEVS2	7	3.4	4.1	4.5	4.6	4.6	4.6	4.5	4.3	3.1	3.7	4	4.1	4.1	4.1	4	3.9
TEVS 2.5	9	4.6	5.7	6.1	6.3	6.3	6.2	6	5.8	4.3	5.1	5.5	5.6	5.6	5.5	5.4	5.2
TEVS4	14	7	8.5	9.1	9.3	9.3	9.1	8.8	8.4	6.5	7.7	8.2	8.4	8.3	8.2	7.9	7.5
TEVS5	18	9.6	11.7	12.4	12.6	12.5	12.2	11.8	11.3	8.9	10.6	11.3	11.4	11.4	11	10.6	10.1
TEVS 7.5	26	13.7	16.7	18	18.5	18.5	18.2	17.7	17	12.7	15.3	16.4	16.7	16.7	16.3	15.8	15.1
TEVS9	31	15.8	18.9	19.9	20.1	19.8	19.2	18.4	17.5	14.3	16.9	17.8	17.9	17.6	17	16.3	15.5
TEVS 11	39	20.3	24.2	25.3	25.4	24.9	24	23	21.7	18.4	21.6	22.6	22.6	22.1	21.3	20.3	19.2
TEVS 13	45	24.6	29.3	30.7	30.9	30.3	29.2	27.9	26.4	22.5	26.4	27.6	27.6	27	26	24.8	23.4
TEVS 18	64	37.7	44.1	45.6	45.1	43.6	41.6	39.2	36.7	34.4	39.6	40.7	40.2	38.8	36.9	34.7	32.4
TEVS 21	72	43.5	50.7	52.2	51.6	49.8	47.3	44.6	41.7	39.6	45.5	46.7	45.9	44.2	42	39.5	36.8
TEVS 26	92	52.5	61.5	63.3	62.2	60.2	57.4	54.1	50.6	47.7	54.7	56.3	55.5	53.5	50.9	47.9	44.7
		Temperatura de evaporación -35 °C								Temperatura de evaporación -40 °C							
TEVS2	7	2.8	3.4	3.6	3.7	3.7	3.6	3.5	3.4	2.5	3	3.2	3.3	3.3	3.2	3.1	3
TEVS 2.5	9	3.9	4.6	4.9	5	5	4.9	4.8	4.6	3.5	4.1	4.4	4.5	4.5	4.4	4.2	4
TEVS4	14	5.9	7	7.4	7.5	7.4	7.3	7	6.7	5.3	6.2	6.6	6.7	6.6	6.4	6.2	5.9
TEVS5	18	8.1	9.6	10.1	10.2	10.1	9.8	9.4	8.9	7.3	8.6	9	9.1	9	8.7	8.3	7.9
TEVS 7.5	26	11.7	13.9	14.8	15	14.9	14.5	13.9	13.3	10.6	12.5	13.2	13.3	13.1	12.7	12.1	11.5
TEVS9	31	12.8	15	15.7	15.8	15.5	15	14.4	13.6	11.3	13.2	13.8	13.9	13.6	13.2	12.6	11.9
TEVS 11	39	16.5	19.2	20	20	19.5	18.8	17.9	16.9	14.6	16.9	17.6	17.5	17.1	16.4	15.6	14.7
TEVS 13	45	20.2	23.5	24.5	24.5	23.9	23	21.9	20.6	18	20.8	21.7	21.6	21	20.2	19.2	18.1
TEVS 18	64	30.9	35.2	36.1	35.5	36.1	35.5	30.5	28.5	27.4	31.1	31.8	31.2	30	28.4	26.7	24.8
TEVS 21	72	35.6	40.5	41.4	40.6	39	37	34.7	32.3	31.7	35.8	36.5	35.7	34.2	32.3	30.3	28.1
TEVS 26	92	42.8	48.8	50	49.2	47.3	44.8	42.1	39.2	38.1	43.2	44.1	43.2	41.5	39.2	36.7	34.1

FACTOR DE CORRECCIÓN POR SUBENFRIAMIENTO ΔTSUB

$\triangle t_{sub}$	4 K	10 K	15 K	20 K	25 K	30 K	35 K	40 K	45 K	50 K
TEVS 10	1.00	1.09	1.16	1.23	1.30	1.37	1.44	1.51	1.58	1.65
TEVS 20										
TEVS 40										

Factor de corrección por subenfriamiento Δt

Si el subenfriamiento difiere de 4 K, la capacidad del evaporador debe corregirse: divida la capacidad requerida entre el factor de corrección de la tabla y seleccione la válvula con la capacidad corregida.

NOTA: si el subenfriamiento es demasiado bajo, se formará gas flash.

CAPACIDAD NOMINAL (R407C/kW)																	
Modelo	N.R.C. R407C/kW	Caída de presión entre entrada y salida ΔP bar								Caída de presión entre entrada y salida ΔP bar							
		2	4	6	8	10	12	14	16	2	4	6	8	10	12	14	16
		Temperatura de evaporación +15 °C								Temperatura de evaporación +10 °C							
TEVS 2.5	9	5.7	7.5	8.6	9.2	9.5	9.7	9.7	9.7	5.5	7.2	8.2	8.7	9	9.1	9.2	9.1
TEVS 3.5	13	7.9	10.3	11.7	12.5	12.9	13.1	13.1	13	7.6	9.9	11.2	11.9	12.2	12.4	12.4	12.3
TEVS5	19	11.8	15.3	17.4	18.5	19.1	19.3	19.2	19	11.4	14.8	16.7	17.6	18.1	18.2	18.2	18
TEVS7	25	15.8	20.6	23.3	24.8	25.4	25.6	25.6	25.2	15.4	19.9	22.4	23.6	24.2	24.4	24.3	23.9
TEVS 10	36	21.4	28.2	32.2	34.6	35.8	36.5	36.7	36.6	21	27.5	31.3	33.3	34.4	35	35.2	35
TEVS 12	42	33.5	42.9	47.8	50.1	50.7	50.5	49.6	48.4	32.2	41	45.5	47.2	47.7	47.3	46.5	45.3
TEVS 15	53	43.1	54.9	60.9	63.5	64.1	63.5	62.3	60.5	41.4	52.5	57.9	59.8	60.2	59.5	58.2	56.5
TEVS 18	62	48.7	62.8	70.3	73.9	75	74.6	73.2	71.1	47.2	60.5	67.4	69.9	70.5	69.7	68	66.2
TEVS 24	84	76.4	96.3	105.7	109.1	109	107.1	104.1	100.4	73.4	91.9	100.4	102.6	102.2	100.2	97.2	93.6
TEVS 27	95	87.5	110.1	120.7	124.4	124.1	121.8	118.3	113.9	84.1	105.2	114.7	117.1	116.4	114	110.4	106.2
TEVS 34	121	106	136.9	153.4	161.5	164	163.5	160.8	156.5	102	130.8	145.8	151.6	153.2	152	148.7	144
		Temperatura de evaporación +5 °C								Temperatura de evaporación 0 °C							
TEVS 2.5	9	5.3	6.9	7.7	8.2	8.4	8.6	8.6	8.5	5	6.5	7.3	7.7	7.9	8	8	7.9
TEVS 3.5	13	7.3	9.4	10.6	11.2	11.5	11.6	11.6	11.5	6.9	8.9	9.9	10.5	10.7	10.9	10.8	10.7
TEVS5	19	10.9	14.1	15.8	16.6	17	17.2	17.1	16.9	10.4	13.4	14.8	15.6	15.9	16	16	15.7
TEVS7	25	14.8	19.1	21.3	22.4	22.9	23	22.8	22.5	14.2	18.2	20.1	21.1	21.5	21.6	21.4	21
TEVS 10	36	20.4	26.6	30	31.8	32.8	33.3	33.4	33.2	19.7	25.6	28.5	30.2	31.1	31.4	31.5	31.2
TEVS 12	42	30.6	38.8	42.6	44.1	44.4	44	43.2	42	28.9	36.5	39.6	40.8	41	40.6	39.8	38.6
TEVS 15	53	39.4	49.7	54.3	55.8	56	55.3	54	52.3	37.2	46.6	50.4	51.7	51.7	50.9	49.7	48.1
TEVS 18	62	45.5	57.8	63.4	65.3	65.5	64.9	63.6	61.8	43.3	54.6	59.1	60.8	61	60.3	59	57.2
TEVS 24	84	69.9	87.1	94	95.7	95	93	90	86.5	66.1	81.8	87.3	88.5	87.7	85.5	82.7	79.3
TEVS 27	95	80.2	99.7	107.5	109.2	108.3	105.8	102.2	98.1	75.9	93.7	99.9	101.1	99.9	97.3	93.9	90
TEVS 34	121	97.4	124	136.4	140.9	141.5	139.5	135.7	130.6	92.2	116.4	126.2	129.4	129.1	126.5	122.1	116.6
		Temperatura de evaporación -5 °C								Temperatura de evaporación -10 °C							
TEVS 2.5	9	4.8	6.1	6.8	7.1	7.3	7.4	7.4	7.4	4.5	5.7	6.3	6.6	6.8	6.9	6.8	6.8
TEVS 3.5	13	6.6	8.4	9.3	9.7	10	10.1	10.1	9.9	6.2	7.8	8.6	9	9.2	9.3	9.3	9.2
TEVS5	19	9.9	12.6	13.9	14.5	14.8	14.9	14.8	14.6	9.4	11.8	12.9	13.5	13.7	13.8	13.7	13.4
TEVS7	25	13.5	17.2	18.9	19.7	20	20.1	19.9	19.5	12.8	16.1	17.6	18.3	18.6	18.6	18.4	18.1
TEVS 10	36	19	24.4	27	28.4	29.2	29.5	29.4	29.1	18.1	23	25.3	26.6	27.2	27.4	27.3	27
TEVS 12	42	27.1	33.9	36.5	37.5	37.6	37.2	36.3	35.2	25.2	31.1	33.3	34.2	34.2	33.7	32.9	31.9
TEVS 15	53	34.8	43.3	46.4	47.4	47.3	46.6	45.3	43.8	32.4	39.7	42.3	43.2	43	42.2	41	39.6
TEVS 18	62	40.9	51.1	54.9	56.3	56.4	55.6	54.2	52.4	38.4	47.3	50.6	51.7	51.6	50.7	49.4	47.7
TEVS 24	84	62	76	80.4	81.3	80.2	78.1	75.3	72.1	57.7	69.8	73.5	74	72.9	70.8	68.2	65.2
TEVS 27	95	71.3	87.2	92	92.8	91.5	88.9	85.6	81.8	66.4	80.1	84.1	84.6	83.1	80.6	77.4	73.9
TEVS 34	121	86.6	107.9	115.5	117.6	116.4	113	108.2	102.3	80.6	98.7	104.6	105.5	103.5	99.5	94.2	89.8

CAPACIDAD NOMINAL (R407C/kW)																	
Modelo	N.R.C. R407C/kW	Caída de presión entre entrada y salida ΔP bar								Caída de presión entre entrada y salida ΔP bar							
		2	4	6	8	10	12	14	16	2	4	6	8	10	12	14	16
		Temperatura de evaporación -15 °C								Temperatura de evaporación -20 °C							
TEVS 2.5	9	4.2	4.9	5.4	5.6	5.7	5.8	5.8	5.7	4	4.9	5.4	5.6	5.7	5.8	5.8	5.7
TEVS 3.5	13	5.8	7.3	8	8.3	8.5	8.6	8.5	8.4	5.5	6.7	7.3	7.7	7.8	7.9	7.8	7.7
TEVS5	19	8.8	11	12	12.5	12.7	12.7	12.6	12.4	8.3	10.2	11	11.5	11.7	11.7	11.5	11.3
TEVS7	25	12.1	15	16.3	17	17.2	17.2	17	16.6	11.4	14	15.1	15.7	15.9	15.8	15.6	15.2
TEVS 10	36	17.2	21.5	23.6	24.7	25.2	25.4	25.2	24.8	16.3	20.1	21.9	22.9	23.3	23.3	23.1	22.7
TEVS 12	42	23.2	28.2	30.2	30.9	30.8	30.4	29.6	28.7	21.1	25.4	27.1	27.7	27.6	27.2	27.6	25.6
TEVS 15	53	29.8	36	38.3	39	38.7	38	36.9	35	27.2	32.5	34.4	34.9	34.7	33.9	32.9	31.7
TEVS 18	62	35.7	43.3	46.1	47	46.8	45.9	44.6	43	32.9	39.3	41.7	42.4	42.1	41.2	40	38.5
TEVS 24	84	49	63.6	66.7	66.9	65.8	63.8	61.3	58.5	49	57.5	60	60.1	59	57	54.7	52.2
TEVS 27	95	61.5	73	76.3	76.5	75	72.5	69.6	66.3	56.5	66	68.8	68.7	67.2	64.9	62.1	59.1
TEVS 34	121	74.4	89.3	93.7	93.5	90.7	87.9	84.5	80.6	68.1	80	83	83	81.4	78.7	75.4	71.9
		Temperatura de evaporación -25 °C								Temperatura de evaporación -30 °C							
TEVS 2.5	9	3.7	4.5	4.9	5.2	5.2	5.3	5.3	5.2	3.4	4.2	4.5	4.7	4.8	4.9	4.8	4.8
TEVS 3.5	13	5.1	6.2	6.8	7.1	7.2	7.2	7.1	7	4.7	5.7	6.2	6.5	6.6	6.6	6.5	6.4
TEVS5	19	7.7	9.4	10.2	10.6	10.7	10.7	10.5	10.3	7.2	8.7	9.4	9.7	9.8	9.8	9.7	9.4
TEVS7	25	10.7	12.9	14	14.4	14.6	14.5	14.3	13.9	9.9	11.9	12.9	13.3	13.4	13.3	13.1	12.7
TEVS 10	36	15.3	18.7	20.3	21.1	21.4	21.4	21.1	20.6	14.3	17.3	18.7	19.4	19.6	19.5	19.2	18.7
TEVS 12	42	19.1	22.7	24.2	24.7	24.6	24.2	23.5	22.7	17	20.2	21.4	21.8	21.8	21.4	20.8	20.1
TEVS 15	53	24.6	29	30.7	31.1	30.8	30.1	29.2	28.1	21.9	25.8	27.2	27.5	27.3	26.6	25.8	24.8
TEVS 18	62	29.9	35.4	37.4	37.9	37.6	36.8	35.6	34.2	26.9	31.6	33.3	33.7	33.4	32.6	31.5	30.3
TEVS 24	84	44.5	51.6	53.8	53.7	52.6	50.8	48.6	46.3	39.9	46.1	47.9	47.8	46.7	45	43.1	40.9
TEVS 27	95	51.3	39.3	61.6	61.4	59.9	57.7	55.2	52.4	46.1	53	54.9	54.6	53.2	51.2	48.8	46.3
TEVS 34	121	61.6	71.4	74.3	74.2	72.6	70	67	63.7	55.3	63.9	66.3	66.1	64.4	62.1	59.3	56.3
		Temperatura de evaporación -35 °C								Temperatura de evaporación -40 °C							
TEVS 2.5	9	3.1	3.8	4.2	4.4	4.4	4.5	4.4	4.4	2.9	3.5	3.9	4	4.1	4.1	4.1	4
TEVS 3.5	13	4.3	5.3	5.7	6	6	6	6	5.9	4	4.9	5.3	5.5	5.6	5.6	5.5	5.4
TEVS5	19	6.6	8	8.6	8.9	9	9	8.8	8.6	6.1	7.4	8	8.2	8.3	8.3	8.1	7.9
TEVS7	25	9.2	11	11.9	12.2	12.3	12.2	12	11.7	8.6	10.2	11	11.3	11.4	11.2	11	10.7
TEVS 10	36	13.3	16	17.3	17.8	18	17.8	17.4	17.9	12.4	14.8	16	16.4	16.5	16.3	15.9	15.4
TEVS 12	42	15.1	17.8	18.9	19.3	19.2	18.8	18.3	17.7	13.3	15.7	16.7	17	16.9	16.6	16.1	15.6
TEVS 15	53	19.4	22.8	24	24.3	24	23.5	22.7	21.8	17.2	20.1	21.1	21.4	21.1	20.6	20	19.2
TEVS 18	62	23.9	28.1	29.6	29.9	29.5	28.8	27.8	26.7	21.2	24.8	26.1	26.3	26	25.3	2.45	23.5
TEVS 24	84	35.7	41.1	42.5	42.4	41.3	39.8	38	36.1	31.8	36.5	37.7	37.5	36.5	35.2	33.6	31.9
TEVS 27	95	41.2	47.2	48.8	48.4	47.1	45.2	43.1	40.8	36.7	42	43.3	42.9	41.6	40	38	36
TEVS 34	121	49.6	57	59	58.6	57.1	54.9	52.3	49.6	44.3	50.7	52.4	51.9	50.5	48.5	46.1	43.7

FACTOR DE CORRECCIÓN POR SUBENFRIAMIENTO ΔTSUB

△ t_{sub}	4 K	10 K	15 K	20 K	25 K	30 K	35 K	40 K	45 K	50 K
TEVS 10	1.00	1.08	1.13	1.18	1.24	1.29	1.34	1.39	1.45	1.50
TEVS 20										
TEVS 40										

Factor de corrección por subenfriamiento Δt

Si el subenfriamiento difiere de 4 K, la capacidad del evaporador debe corregirse: divida la capacidad requerida entre el factor de corrección de la tabla y seleccione la válvula con la capacidad corregida.

NOTA: si el subenfriamiento es demasiado bajo, se formará gas flash.

CAPACIDAD NOMINAL (R410A/kW)

Modelo	N.R.C. R410A	Caída de presión entre entrada y salida ΔP bar								Caída de presión entre entrada y salida ΔP bar							
		2	4	6	8	10	12	14	16	2	4	6	8	10	12	14	16
		Temperatura de evaporación +15 °C								Temperatura de evaporación +10 °C							
TEVS 3.5	12	8.7	11.3	12.7	13.5	13.8	13.9	13.7	13.3	8.5	11	12.4	13.1	13.3	13.4	13.2	12.9
TEVS 4.5	16	11.8	15.3	17.2	18.3	18.6	18.6	18.3	17.8	11.6	14.9	16.8	17.7	18	18	17.7	17.2
TEVS 6.5	24	17.4	22.4	25.1	26.5	26.9	26.8	26.3	25.4	17	21.9	24.5	25.7	26.1	26	25.4	24.6
TEVS9	32	22.7	29.3	328	34.6	35.1	34.8	34.1	32.9	22.5	28.9	32.2	33.7	34.1	33.9	33.1	32
TEVS 13	45	29.6	38.7	43.9	47	48.2	48.6	48.2	47.1	29.6	38.6	43.7	46.4	47.6	47.9	47.6	46.6
TEVS 15	54	42.7	54.2	59.7	62.1	62	60.7	58.7	56	41.7	52.7	57.9	59.7	59.6	58.4	56.4	53.9
TEVS 19	68	54.9	69.3	75.9	78.6	78.1	76.3	73.4	69.7	53.6	67.4	73.6	75.6	75	73.2	70.4	67
TEVS 23	79	60.9	78.2	87	91.1	91.4	89.9	86.8	82.7	60.3	76.9	85.1	88.1	88.1	86.2	82.9	78.7
TEVS 31	110	99.1	123.5	133.8	136.9	134.7	130.2	124.2	117	96.7	119.9	129.5	131.3	129	124.6	118.8	112
TEVS 35	125	113.2	140.8	152.3	155.7	153	147.7	140.7	132.5	110.6	136.9	147.5	149.4	146.6	141.4	134.6	126.9
TEVS 46	161	137.3	176.1	196	205.4	206.5	203.3	196.9	188	134.4	171.6	190	197.2	197.5	193.8	187.2	178.3
		Temperatura de evaporación +5 °C								Temperatura de evaporación 0 °C							
TEVS 3.5	12	8.2	10.6	11.9	12.5	12.8	12.8	12.6	12.3	7.9	10.1	11.3	11.8	12.1	12.1	11.9	11.7
TEVS 4.5	16	11.2	14.4	16.2	16.9	17.2	17.2	16.9	16.5	10.8	13.9	15.4	16	16.3	16.3	16	15.6
TEVS 6.5	24	16.6	21.3	23.7	24.7	25	24.9	24.4	23.6	16	20.5	22.6	23.5	23.7	23.6	23.1	22.4
TEVS9	32	22	28.2	31.3	32.6	32.9	32.6	31.9	30.8	21.4	27.3	30	31.1	31.4	31.1	30.4	29.3
TEVS 13	45	29.4	38.1	43	45.4	46.5	46.8	46.4	45.5	28.9	37.4	41.8	43.9	44.9	45.2	44.8	43.9
TEVS 15	54	40.4	50.8	55.6	56.9	56.6	55.4	53.6	51.2	38.7	48.5	52.5	53.6	53.3	52.1	50.3	48.1
TEVS 19	68	51.9	64.9	70.6	71.9	71.3	69.4	66.8	63.6	49.7	61.9	66.7	67.7	67	65.2	62.7	59.7
TEVS 23	79	59	74.8	82.1	84.1	83.6	81.3	77.9	74.4	57.2	71.9	77.9	79.2	78.2	76.4	73.8	70.4
TEVS 31	110	93.6	115.4	124	124.7	122.2	117.9	112.3	106	89.7	110	116.9	117.3	114.7	110.4	105.2	99.2
TEVS 35	125	107.1	131.8	141.4	142	139	133.8	127.4	120	102.8	125.8	133.4	133.6	130.4	125.4	119.2	112.3
TEVS 46	161	130.4	165.4	182.1	186.9	186.3	182	175.1	166.2	125.4	157.8	171.5	175	173.4	168.4	161.1	152
		Temperatura de evaporación -5 °C								Temperatura de evaporación -10 °C							
TEVS 3.5	12	7.5	9.6	10.6	11.1	11.3	11.3	11.2	10.9	7.1	9	9.9	10.3	10.5	10.5	10.4	10.2
TEVS 4.5	16	10.3	13.2	14.5	15.1	15.3	15.2	15	14.6	9.7	12.4	13.5	14	14.2	14.2	13.9	13.6
TEVS 6.5	24	15.4	19.5	21.3	22.1	22.3	22.1	21.7	21	14.6	18.4	20	20.6	20.8	20.6	20.2	19.5
TEVS9	32	20.6	26.2	28.5	29.4	29.6	29.3	28.6	27.6	27.2	24.8	26.8	27.6	27.7	27.3	26.6	25.7
TEVS 13	45	28.2	36.2	40.1	42.1	43	43.1	42.7	41.8	27.2	34.7	38.1	39.8	40.6	40.6	40.1	39.2
TEVS 15	54	36.8	45.8	49.1	50	49.6	48.5	46.8	44.7	34.6	42.7	45.4	46.2	45.7	44.6	43	41.1
TEVS 19	68	47.2	58.4	62.3	63.1	62.3	60.5	58.2	55.4	44.4	54.4	57.6	58.2	57.3	55.7	53.4	50.9
TEVS 23	79	54.8	68.2	72.9	74.1	73.5	71.6	69	65.9	52	64.1	68.1	69	68.2	66.4	63.9	60.9
TEVS 31	110	85.3	103.9	109.2	109.2	106.5	102.4	97.4	91.9	80.3	96.9	101	100.7	98	94.1	89.4	84.3
TEVS 35	125	97.8	118.9	124.7	124.4	121.2	116.3	110.5	104	92.1	110.9	115.4	114.7	111.5	106.8	101.3	95.4
TEVS 46	161	119.3	148.9	159.5	161.6	159	153.4	145.6	136.2	112.4	138.5	146.5	147.2	143.6	137.2	128.9	119.3

CAPACIDAD NOMINAL (R410A/kW)

Modelo	N.R.C. R410A	Caída de presión entre entrada y salida ΔP bar								Caída de presión entre entrada y salida ΔP bar							
		2	4	6	8	10	12	14	16	2	4	6	8	10	12	14	16
		Temperatura de evaporación -15 °C								Temperatura de evaporación -20 °C							
TEVS 3.5	12	6.7	8.4	9.1	9.5	9.7	9.7	9.6	9.3	6.2	7.7	8.4	8.7	8.8	8.8	8.7	8.5
TEVS 4.5	16	9.1	11.5	12.5	12.9	13.1	13	12.8	12.5	8.5	10.5	11.4	11.8	11.9	11.9	11.7	11.3
TEVS 6.5	24	13.7	17.1	18.5	19.1	19.2	19	18.5	17.9	12.8	15.7	16.9	17.4	17.5	17.3	16.9	16.3
TEVS9	32	18.6	23.1	24.9	25.6	25.6	25.2	24.6	23.7	17.5	21.4	22.9	23.5	23.5	23.1	22.4	21.6
TEVS 13	45	26	32.7	35.8	37.3	37.9	37.8	37.3	36.4	24.6	30.5	33.2	34.5	34.9	34.7	34.1	33.2
TEVS 15	54	32.2	39.2	41.6	42.2	41.7	40.7	39.2	37.4	29.6	35.6	37.7	38.1	37.7	36.7	35.3	33.8
TEVS 19	68	41.3	50	52.7	53.1	52.2	50.7	48.6	46.2	38	45.4	47.7	47.9	47.1	45.7	43.8	41.6
TEVS 23	79	48.9	59.4	62.8	63.5	62.6	60.9	58.5	55.7	45.4	54.5	57.4	57.8	56.9	55.2	53	50.4
TEVS 31	110	74.9	89.1	92.5	91.9	89.3	85.6	81.2	76.5	69.1	81.1	83.9	83.1	80.6	77.2	73.2	68.9
TEVS 35	125	86	102.1	105.7	104.8	101.6	97.2	92.1	86.6	79.5	93	95.9	94.8	91.7	87.6	92.9	77.9
TEVS 46	161	104.8	126.7	132.7	131.9	127.3	120.2	111.9	105.4	96.6	114.4	118.4	116.3	111.1	106.3	100.8	94.8
		Temperatura de evaporación -25 °C								Temperatura de evaporación -30 °C							
TEVS 3.5	12	5.7	7	7.6	7.9	8	8	7.9	7.7	5.2	6.3	6.8	7.1	7.2	7.1	7	6.9
TEVS 4.5	16	7.8	9.6	10.3	10.7	10.8	10.7	10.5	10.2	7.1	8.6	9.3	9.6	9.7	9.6	9.4	9.1
TEVS 6.5	24	11.8	14.3	15.4	15.8	15.9	15.6	15.2	14.7	10.8	12.9	13.9	14.2	14.2	14	13.6	13.1
TEVS9	32	16.2	19.5	20.9	21.3	21.3	20.9	20.3	19.5	14.8	17.7	18.9	19.2	19.1	18.7	18.2	17.4
TEVS 13	45	23	28.2	30.5	31.5	31.8	31.5	30.8	29.8	21.2	25.6	27.6	28.4	28.5	28.1	27.3	26.3
TEVS 15	54	26.9	32	33.7	34.1	33.7	32.8	31.6	30.1	24.1	28.4	29.9	30.2	29.8	29	27.9	26.7
TEVS 19	68	34.6	40.7	42.7	42.9	42.1	40.7	39	37.1	31	36.2	37.8	37.9	37.2	36	34.5	32.8
TEVS 23	79	41.7	49.3	51.7	52	51.1	49.5	47.4	45.1	37.7	44.1	46.1	46.3	45.4	43.9	42.1	40
TEVS 31	110	63.2	73.1	75.3	74.5	72.1	68.9	65.3	61.4	57	65.2	67	66.1	63.9	61	57.8	54.3
TEVS 35	125	72.7	83.9	86.1	84.9	82	78.2	73.9	69.4	65.6	74.8	76.6	75.4	72.7	69.2	65.4	61.3
TEVS 46	161	88	101.9	103.9	102.8	99.5	95	89.9	84.5	78.9	90.1	92.6	91.3	88.2	84.1	79.1	74.6
		Temperatura de evaporación -35 °C								Temperatura de evaporación -40 °C							
TEVS 3.5	12	4.6	5.6	6.1	6.3	6.4	6.3	6.2	6.1	4.1	5	5.4	5.6	5.6	5.6	5.5	5.3
TEVS 4.5	16	6.4	7.7	8.3	8.5	8.6	8.5	8.3	8.1	5.7	6.8	7.3	7.5	7.6	7.5	7.3	7.1
TEVS 6.5	24	9.7	11.6	12.4	12.6	12.6	12.4	12.1	11.6	8.6	10.3	10.9	11.2	11.1	10.9	10.6	10.2
TEVS9	32	13.4	15.9	16.9	17.1	17	16.7	16.1	15.4	12	14.1	14.9	15.2	15	14.7	14.2	13.5
TEVS 13	45	19.3	23.1	24.7	25.3	25.2	24.6	23.8	22.7	17.3	20.5	21.8	22.1	21.9	21.3	20.4	19.5
TEVS 15	54	21.2	24.9	26.2	26.5	26.1	25.4	24.5	23.4	18.5	21.6	22.8	23	22.7	22.1	21.3	20.4
TEVS 19	68	27.3	31.7	33.2	33.2	32.6	31.5	30.2	28.7	23.8	27.6	28.8	28.8	28.3	27.4	26.2	25
TEVS 23	79	33.5	38.9	40.7	40.7	39.9	38.6	36.9	35.1	29.3	34	35.5	35.5	34.8	33.6	32.2	30.5
TEVS 31	110	50.6	57.6	59	58.2	56.2	53.6	50.7	47.6	44.4	50.4	51.6	50.8	49	46.7	44.2	41.5
TEVS 35	125	58.3	66.2	67.6	66.3	63.9	60.8	57.3	53.8	51.3	57.9	59	57.9	55.7	53	49.9	46.8
TEVS 46	161	70.1	79.8	81.7	80.4	77.5	73.8	69.7	65.4	61.8	70	71.5	70.2	67.6	64.3	60.7	56.8

FACTOR DE CORRECCIÓN POR SUBENFRIAMIENTO ΔTSUB

△ t_{sub}	4 K	10 K	15 K	20 K	25 K	30 K	35 K	40 K	45 K	50 K
TEVS 10	1.00	1.08	1.14	1.2	1.26	1.31	1.37	1.43	1.48	1.54
TEVS 20										
TEVS 40										

Factor de corrección por subenfriamiento Δt

Si el subenfriamiento difiere de 4 K, la capacidad del evaporador debe corregirse: divida la capacidad requerida entre el factor de corrección de la tabla y seleccione la válvula con la capacidad corregida.

NOTA: si el subenfriamiento es demasiado bajo, se formará gas flash.