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TianyiCOOL

SPECIALIZE IN REFRIGERATION

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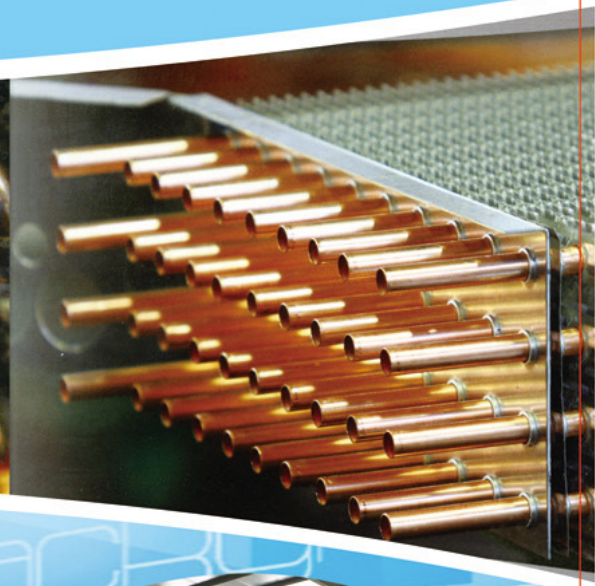

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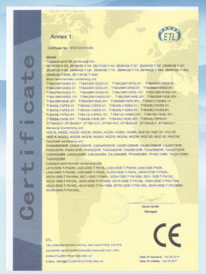


Tianyicool is a one of the excellent manufacture in commercial and industrial refrigeration serving over 20 countries worldwide building its vision of being first choice in refrigeration.

Our main products are

Refrigeration condensing unit

Air cooled condenser

Air cooler

As part of tianyicool Worldwide Refrigeration, tianyicool continues to be the country's leading manufacturing and wholesale distribution business catering for the refrigeration trades. We employ over 100 people and boast a distribution network of over 25 branch outlets across China and foreign countries.

We will provide products, processes and services of superior quality and value that meet the needs of our customers and strive for continuous quality improvement so that the reliability of our products, processes and services will be the best in our industry.

Tianyicool continues to expand its product range and provide reliable and cost effective refrigeration product for making people's lives better today and the future.

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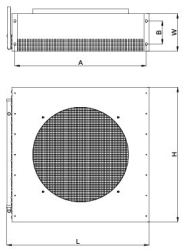
FN系列冷凝器
FN SERIES AIR COOLED CONDENSER

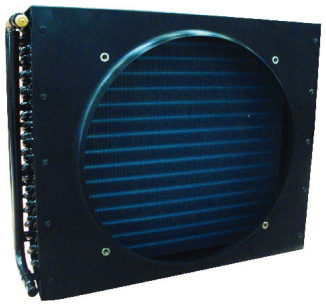
1. FN type copper pipe铜管外径:3/8"OD fin space翅片距:2.6mm

Model 型号	Capacity 冷量		Area 面积 m²	Tube volume 管容 dm³	Fan外转子风机				Connection pipe 接口尺寸		Overall(mm)外形尺寸			Install size(mm) 安装尺寸	
	kw	hp			Input 输入功率 (w)	OD 外径 (mm)	Air flow 风量 (m³/h)	Voltage 电压 (v)	Inlet 入	Outlet 出	L	W	H	A	B
FN-2	0.98	1/4	2	0.28	1×40	200	500	220	3/8"	3/8"	310	102	231	263	65
FN-3.4	1.46	3/8	3.4	0.47	1×40	200	500	220	1/2"	1/2"	312	102	235	263	65
FN-4.4	2.22	1/2	4.4	0.7	1×60	250	830	220	1/2"	1/2"	362	102	282	313	88
FN-5.4	3.27	3/4	5.4	1.01	1×75	300	940	220	1/2"	1/2"	432	102	341	383	65
FN-7.0	4.4	1	7	1.35	1×80	300	1650	220	1/2"	1/2"	434	130	340	383	90
FN-8.4	5.84	1.2	8.4	1.55	1×150	350	2350	380	5/8"	1/2"	496	130	430	443	95
FN-11.5	7.14	1.5	11.5	1.98	1×150	350	2350	380	5/8"	1/2"	476	180	430	423	145
FN-15	9.25	2	15	2.52	1×150	350	2350	380	5/8"	1/2"	536	180	480	483	145
FN-18	10.8	2.5	18	3.01	1×200	400	3490	380	3/4"	5/8"	578	180	530	523	140
FN-22	10.5	3	22	3.76	1×200	400	3490	380	3/4"	5/8"	578	180	530	523	140
FN-25	11.5	3.5	25	4.09	1×200	400	3490	380	3/4"	5/8"	708	180	580	653	150
FN-28	14.4	3.5	28	3.72	2×150	350	4700	380	3/4"	5/8"	900	180	430	830	145
FN-33	18.5	4	33	5.23	2×150	350	4700	380	3/4"	5/8"	900	200	480	830	130
FN-36	21.6	5	36	5.77	2×200	400	6980	380	5/8"	1/2"	1020	180	580	940	150
FN-43	23.5	6	43	6.82	2×200	400	6980	380	5/8"	1/2"	1020	180	680	940	150
FN-48	25.1	6.5	48	7.72	2×200	400	6980	380	5/8"	1/2"	1240	200	630	1160	149
FN-55	28	7.5	55	8.97	2×200	400	6980	380	7/8"	1/2"	1240	200	730	1160	149
FN-70	32.1	10	70	10.29	2×250	450	9800	380	7/8"	5/8"	1245	200	830	1160	149
FN-80	35.3	12	80	12.87	2×250	450	9800	380	1-1/8"	5/8"	1245	200	830	1160	149
FN-100	50.3	13	100	14.15	4×200	400	13960	380	1-1/8"	5/8"	1245	200	1130	1160	145
FN-130	61.9	15	130	17.38	4×200	400	13960	380	1-1/8"	7/8"	1245	200	1380	1160	145
FN-150	65.7	20	150	22.24	4×200	400	13960	380	1-1/8"	7/8"	1315	250	1330	1230	199
FN-180	78.5	25	180	26.7	4×200	400	13960	380	1-1/8"	7/8"	1325	270	1330	1230	219

Condensing temperature 40℃,ambient temperature 25℃,△T=15℃,R404A
冷凝温度40℃环境温度25℃，温差15℃，R404a.
Correction factors修正系数:

Refrigerant 制冷剂	R404A	R134A	R22	R407C
	1	0.93	0.96	0.87





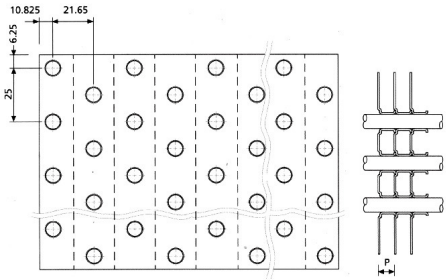
DZ 系列冷凝器
DZ SERIES AIR COOLED CONDENSER

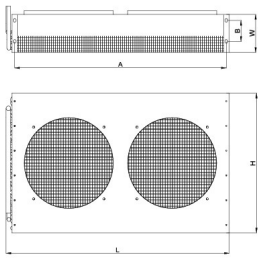
DZ type, copper pipe 铜管尺寸:3/8"OD, fin space片距:2.1mm,Hydrophilic aluminium亲水铝箔

Model 型号	Capacity冷量 (△T=15℃)		Area 面积 m²	Tube volume 管容 dm³	Fan外转子风机				Connection pipe 接口尺寸		Overall(mm) 外形尺寸			Install size(mm) 安装尺寸	
	kw	hp			Input 输入功率 (w)	OD 外径 (mm)	Air flow 风量 (m³/h)	Voltage 电压 (v)	Inlet 入	Outlet 出	L	W	H	A	B
D8	8.8	2	14.1	2.05	1*150	350	2350	380	5/8"	5/8"	519	155	424	463	77
G8	13	3	19.8	2.73	1*250	450	4900	380	5/8"	5/8"	712	162	524	656	77
K9	17	3.5	27.2	3.77	2*150	350	4700	380	5/8"	5/8"	908	222	424	852	77
Q7	24	5	37.7	5.12	2*250	450	9800	380	1-1/8"	3/4"	1160	222	624	1092	77
Q8	30	7.5	50	6.93	2*250	450	9800	380	1-1/8"	3/4"	1158	155	624	1092	77
T9	36	10	71.2	9.79	2*250	450	9800	380	1-1/8"	3/4"	1155	222	674	1092	146
V6A	52	13	95.9	13.09	2*380	500	13320	380	1-1/8"	7/8"	1294	235	672	1232	146
W9A	65	15	127.7	17.37	2*380	500	13320	380	1-3/8"	7/8"	1594	210	824	1532	146
Z9A	85	25	186.5	25.52	4*380	500	26640	380	1-3/8"	1-1/8"	1600	222	1224	1538	146

Condensing temperature 40℃,ambient temperature 25℃,△T=15℃,R404A
冷凝温度40℃环境温度25℃，温差15℃，R404a.
Correction factors修正系数:

Refrigerant 制冷剂	R404A	R134A	R22	R407C
	1	0.93	0.96	0.87





ACV 系列冷凝器

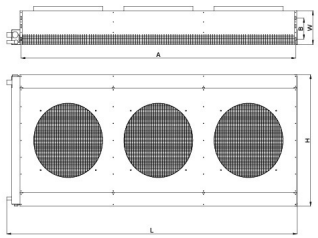
ACV SERIES AIR COOLED CONDENSER

ACV type, copper pipe铜管尺寸:3/8"OD, fin space片距:2.7mm,Hydrophilic aluminium亲水铝箔

Model 型号	Capacity KW 冷量 (△T=15℃)	Area 面积 m²	Tube volume 管容 dm³	Fan外转子风机				Connection pipe 接口尺寸		Overall(mm)外形尺寸			Install size(mm) 安装尺寸	
				Input 输入 功率 (w)	OD 外径 (mm)	Air flow 风量 (m³/h)	Voltage 电压 (v)	Inlet 入	Outlet 出	L	W	H	A	B
ACV 2630 A93	93,0	138,4	24,2	2*800	630	24300	380	1-5/8"	1-1/8"	2192	342	1173	2038	188
ACV 2630 B104	104,0	189,2	30,3	2*800	630	24300	380	1-5/8"	1-1/8"	2192	342	1173	2038	188
ACV 3630 A130	129,3	196,6	32,7	3*800	630	36450	380	1-5/8"	1-1/8"	2792	342	1173	2638	188
ACV 3630 B150	150,8	277,8	44,4	3*800	630	36450	380	1-5/8"	1-1/8"	2792	342	1323	2638	188

Condensing temperature 40℃,ambient temperature 25℃,△T=15℃,R404A
冷凝温度40℃环境温度25℃，温差15℃，R404a.
Correction factors修正系数:

Refrigerant 制冷剂	R404A	R134A	R22	R407C
	1	0.93	0.96	0.87



FNV 系列冷凝器

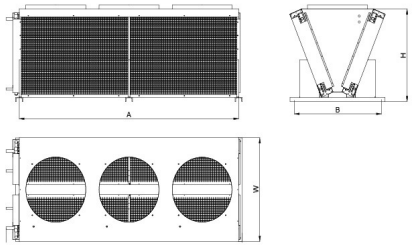
FNV SERIES AIR COOLED CONDENSER

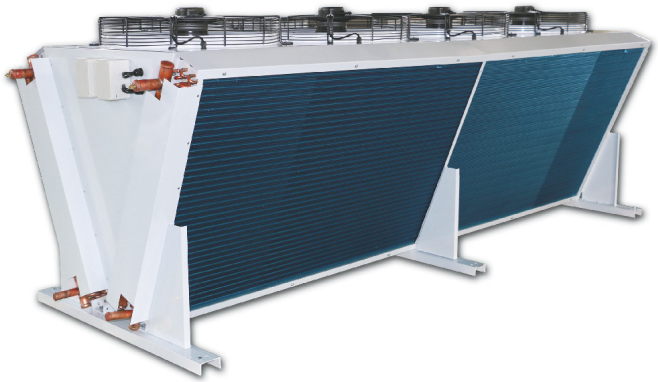
FNV type, copper pipe铜管尺寸:3/8"OD, fin space片距:2.4mm

Model 型号	Capacity 冷量 Kw	Area 面积 m²	Tube volume 管容 dm³	Fan外转子风机				Connection pipe 接口尺寸		Overall(mm) 外形尺寸			Install size(mm) 安装尺寸	
				Input 输入 功率 (w)	OD 外径 (mm)	Air flow 风量 (m³/h)	Voltage 电压 (v)	Inlet 入	Outlet 出	L	W	H	A	B
FNV-140	72.89	140	21.2	2×600	550	17000	380	2*7/8"	2*5/8"	1455	976	952	1330	896
FNV-175	103.50	175	29.6	2×800	630	24300	380	2*1-1/8"	2*7/8"	1755	1050	970	1630	970
FNV-195	117.77	195	29.6	2×800	630	24300	380	2*1-1/8"	2*7/8"	1755	1050	970	1630	970
FNV-260	146.89	260	44.3	3×800	630	36450	380	2*1-1/8"	2*7/8"	2555	1050	970	2430	970
FNV-295	162.33	295	44.3	3×800	630	36450	380	2*1-1/8"	2*7/8"	2555	1050	970	2430	970
FNV-365	195.85	365	55.4	3×800	630	36450	380	2*1-1/8"	2*7/8"	2555	1050	970	2430	970
FNV-405	223.56	405	61.2	4×800	630	48600	380	2*1-3/8"	2*1-1/8"	3155	1112	1032	3030	1032
FNV-505	267.39	505	76.5	4×800	630	48600	380	2*1-3/8"	2*1-1/8"	3155	1112	1032	3030	1032

Condensing temperature 40℃,ambient temperature 25℃,△T=15℃,R404A
冷凝温度40℃环境温度25℃，温差15℃，R404a.
Correction factors修正系数:

Refrigerant 制冷剂	R404A	R134A	R22	R407C
	1	0.93	0.96	0.87





TEB 系列冷风机
TEB SERIES AIR COOLER

In accordance to room temperature this range is subdivided into two types:

TEB/M (≥-12 ℃), with 3.5 / 7mm dual fin space and electrical defrost heater.

TEB/L (≥-25 ℃), with 4.5 / 9mm dual fin space and electrical defrost heater.

Fan motor features:

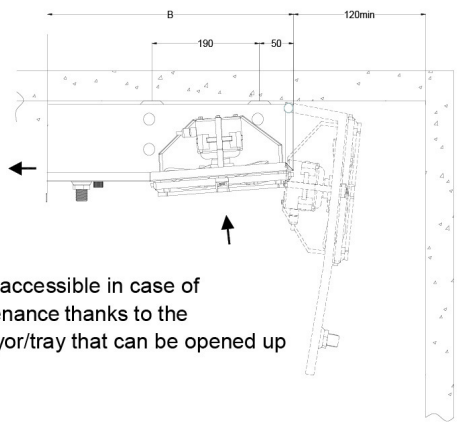
Dia 200mm. single phase 230v/1p/ 50/ 60hz

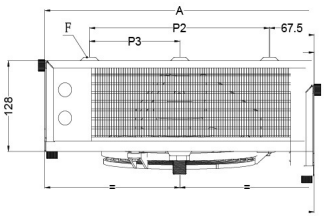
IP42 protection grade

Operating temperature : max +40℃

Aluminum casting housing.

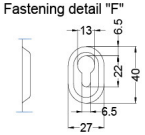
产品特征
Manufacturing features





Easily accessible in case of Maintenance thanks to the conveyor/tray that can be opened up to 90°

Fastening detail "F"



Series TEB

Model 型号	TEB	104M 104L	106M 106L	210M 210L	213M 213L	318M 318L	329M 329L	438M 438L
Dimensions 尺寸 (mm)	P2	271	271	471	471	971	971	1246
	P3	---	---	---	---	---	---	623
	A	406	406	606	606	1106	1106	1381
	B	438	438	438	438	438	438	438
Connections 连接	φ inlet	3/8"	3/8"	3/8"	3/8"	1/2"	1/2"	1/2"
	φ outlet	3/8"	3/8"	3/8"	3/8"	5/8"	5/8"	5/8"
	φ drain	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"

技术参数 Technical features

Series TEB....M — 3.5-7mm 片距 Fin space

Model 型号		104M	106M	210M	213M	318M	329M	438M
Capacity △T=10℃Room T.+2℃ 库温 2℃，温差 10℃时冷量	W	406	595	741	1010	1390	1910	2360
Air flow 风量	m^3/h	223	195	382	337	705	595	784
Air throw 射程	m	3.0	2.5	3.0	2.5	3.0	2.5	2.5
Total surface 面积	m^2	1.48	2.22	2.42	3.63	4.77	7.16	9.1

Series TEB....L — 4.5-9mm 片距 Fin space

Model		104L	106L	210L	213L	318L	329L	438L
Capacity △T=10℃Room T.-20℃ 库温-20℃，温差 10℃时冷量	W	346	474	579	707	1110	1380	1570
Air flow 风量	m^3/h	243	213	426	382	773	684	866
Air throw 射程	m	3.0	2.5	3.0	2.5	3.0	2.5	2.5
Total surface面积	m^2	1.18	1.78	1.94	2.9	3.82	5.72	7.28

Series TEB....M TEB....L

Model 型号		104M 104L	106M 106L	210M 210L	213M 213L	318M 318L	329M 329L	438M 438L
Evaporator circuit volume 管容	dm^3	0.38	0.58	0.6	0.91	1.15	1.73	2.19
Fan motors电机	n×φ mm	1× 200	1× 200	2× 200	2× 200	3× 200	3× 200	4× 200
Motor power consumption 电机功率消耗	A	0.25	0.25	0.50	0.50	0.75	0.75	1
	W	43	43	86	86	129	129	172
Electrical defrost电除霜	W	290	290	450	450	850	850	1100

EV系列冷风机
EV SERIES AIR COOLER

EV 1 1 M

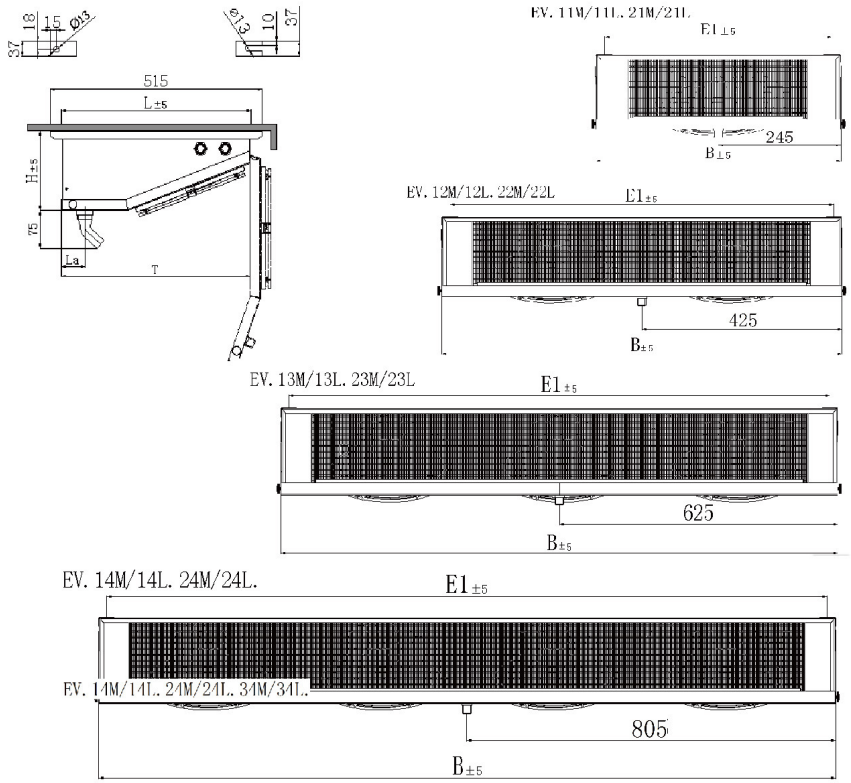
- M: M:–8℃ evaporating Temp 蒸发温度 / L:–25℃ evaporating Temp 蒸发温度
- Fans Nos. 电机数量
- Size: 1–2 尺寸:1–2
- EV SERIES 系列名称

Fin Space:片距 4.5mm

Model 型号	Capacity 换热量 (W) R404A EVAP.TEMP -8℃/8KTD	Surface (m²) 面积	Airflow 风量 (m³/h)	Tube Volume 管容(dm³)	Fan 风机					Connection pipe 连接		Electric defrost heater 加热管 (W)
					Quantity 数量	Diameter 外径(mm)	Speed转速 (r/min)	Input power 输入功率(W)	Power source 电源	Inlet 进	Outlet 出	
EV11M	490	2.1	700	0.7	1	φ 250	1300	60	220-240V/50HZ	3/8"	3/8"	290
EV21M	620	3.1	700	1.0	1	φ 250	1300	60	220-240V/50HZ	3/8"	3/8"	290
EV12M	1003	4.2	1400	1.3	2	φ 250	1300	120	220-240V/50HZ	1/2"	1/2"	540
EV22M	1280	6.3	1400	1.9	2	φ 250	1300	120	220-240V/50HZ	1/2"	1/2"	540
EV13M	1570	6.4	2100	1.9	3	φ 250	1300	180	220-240V/50HZ	1/2"	5/8"	800
EV23M	1945	9.6	2100	2.9	3	φ 250	1300	180	220-240V/50HZ	1/2"	5/8"	800
EV14M	2105	8.6	2800	2.6	4	φ 250	1300	240	220-240V/50HZ	1/2"	5/8"	1050
EV24M	2580	12.9	2800	3.9	4	φ 250	1300	240	220-240V/50HZ	1/2"	5/8"	1050
EV34M	3066	17.2	2800	5.1	4	φ 250	1300	240	220-240V/50HZ	1/2"	5/8"	1050

Fin Space: 片距6mm

Model 型号	Capacity 换热量(W) R404A EVAP.TEMP -25℃/7KTD	Surface (m²) 面积	Airflow 风量 (m³/h)	Tube Volume 管容(dm³)	Fan 风机					Connection pipe 连接		Electric defrost heater 加热管 (W)
					Quantity 数量	Diameter 外径(mm)	Speed 转速 (r/min)	Input power 输入功率(W)	Power source 电源	Inlet 进	Outlet 出	
EV11L	360	1.6	700	0.7	1	φ 250	1300	60	220-240V/50HZ	3/8"	3/8"	290
EV21L	485	2.3	700	1.0	1	φ 250	1300	60	220-240V/50HZ	3/8"	3/8"	290
EV12L	760	3.2	1400	1.3	2	φ 250	1300	120	220-240V/50HZ	1/2"	1/2"	540
EV22L	1008	4.8	1400	1.9	2	φ 250	1300	120	220-240V/50HZ	1/2"	1/2"	540
EV13L	1165	4.8	2100	1.9	3	φ 250	1300	180	220-240V/50HZ	1/2"	5/8"	800
EV23L	1535	7.3	2100	2.9	3	φ 250	1300	180	220-240V/50HZ	1/2"	5/8"	800
EV14L	1562	6.5	2800	2.6	4	φ 250	1300	240	220-240V/50HZ	1/2"	5/8"	1050
EV24L	1966	9.7	2800	3.9	4	φ 250	1300	240	220-240V/50HZ	1/2"	5/8"	1050
EV34L	2308	12.9	2800	5.1	4	φ 250	1300	240	220-240V/50HZ	1/2"	5/8"	1050



Model型号	Size 尺寸（mm）						
	H	B	T	L	E1	La	Drain
EV .11M/11L	182	453	459	480	412	65	3/4"
EV .21M/21L	182	453	459	480	412	88	3/4"
EV .12M/12L	182	853	459	480	812	65	3/4"
EV .22M/22L	182	853	459	480	812	88	3/4"
EV .13M/13L	182	1233	459	480	1192	65	3/4"
EV .23M/23L	182	1233	459	480	1192	88	3/4"
EV .14M/14L	182	1613	459	480	1572	65	3/4"
EV .24M/24L	182	1613	459	480	1572	88	3/4"
EV .34M/34L	232	1613	459	480	1572	88	3/4"

TEF 系列冷风机
TEF SERIES AIR COOLER

TEF 4 1 M

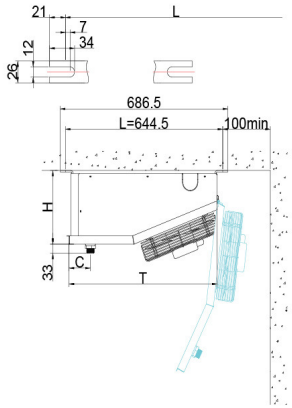
- M: M:–8℃ evaporating Temp 蒸发温度 / L:–25℃ evaporating Temp 蒸发温度
- 1: Fans Nos. 电机数量
- 4: Size: 4–6 / 尺寸:4–6
- TEF: EV SERIES 系列名称

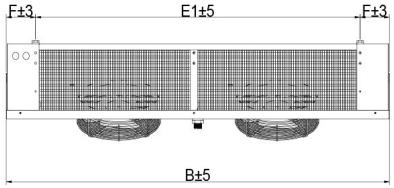
Fin space 片距 4.5mm

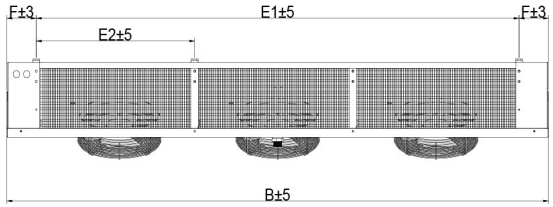
Model 型号	50HZ Capacity (kw) 换热量 DT1，R404A		Surface area 面积 m^2	Air flow 风量 m^3/h	Distance 射程 m	Pipe V 管容 dm^3	Connection 连接		Noise 噪音值 dB(A)	Fan motor 外转子风机					Electrical Defrost 电除霜 KW
	Return air temperature t_{k1}=0℃ DT1=8K	Return air temperature t_{k1}=+10℃ DT1=10K					Inlet 进	Outlet 出		Qty x dia 数量 X 直径 mm	Voltage 电压	Speed 转速 r/min	Input power 输入功率 W	Current 电流 A	
TEF41M	2.14	3.14	8.2	1100	9	2	1/2"	1/2"	65	1x300	220V-50HZ	1380	1x90	0.43	1.25
TEF61M	2.73	3.91	12.2	1035	9	2.9	1/2"	3/4"	65	1x300	220V-50HZ	1380	1x90	0.43	1.25
TEF42M	4.28	6.28	16.4	2200	11	3.6	1/2"	7/8"	68	2x300	220V-50HZ	1380	2x90	0.43	2.2
TEF62M	5.16	7.53	24.4	2070	11	5.3	1/2"	7/8"	68	2x300	220V-50HZ	1380	2x90	0.43	2.2
TEF43M	6.42	9.42	24.6	3300	12	5.1	1/2"	7/8"	70	3x300	220V-50HZ	1380	3x90	0.43	3.2
TEF63M	7.69	11.24	36.6	3105	12	7.7	1/2"	1-1/8"	70	3x300	220V-50HZ	1380	3x90	0.43	3.2
TEF44M	8.56	12.56	32.8	4400	16	6.8	1/2"	1-1/8"	71	4x300	220V-50HZ	1380	4x90	0.43	4.18
TEF64M	10.12	14.85	48.8	4140	16	10.1	5/8"	1-1/8"	71	4x300	220V-50HZ	1380	4x90	0.43	4.18

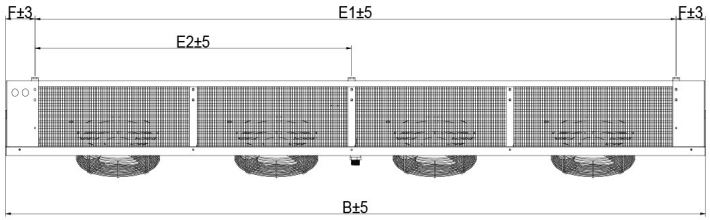
Fin space 片距 7mm

Model 型号	50HZ Capacity（KW） 换热量 DT1，R404A		Surface area 面积 m^2	Air flow 风量 m^3/h	Distance 射程 m	Pipe V 管容 dm^3	Connection 连接		Noise 噪音值 dB(A)	Fan motor 外转子风机					Electrical Defrost 电除霜 KW
	Return air temperature t_{k1}=0℃ DT1=8K	Return air temperature t_{k1}=-18℃ DT1=7K					Inlet 进	Outlet 出		Qty x dia 数量 X 直径 mm	Voltage 电压	Speed 转速 r/min	Input power 输入功率 W	Current 电流 A	
TEF41L	1.81	1.45	5.5	1300	9	2	1/2"	1/2"	65	1x300	220V-50HZ	1380	1x90	0.43	1.25
TEF61L	2.39	1.95	8.2	1130	9	2.9	1/2"	3/4"	65	1x300	220V-50HZ	1380	1x90	0.43	1.25
TEF42L	3.62	2.89	11	2600	11	3.6	1/2"	7/8"	68	2x300	220V-50HZ	1380	2x90	0.43	2.2
TEF62L	4.48	3.6	16.4	2260	11	5.3	1/2"	7/8"	68	2x300	220V-50HZ	1380	2x90	0.43	2.2
TEF43L	5.43	4.34	16.5	3900	12	5.1	1/2"	7/8"	70	3x300	220V-50HZ	1380	3x90	0.43	3.2
TEF63L	6.67	5.35	24.6	3390	12	7.7	1/2"	1-1/8"	70	3x300	220V-50HZ	1380	3x90	0.43	3.2
TEF44L	7.24	5.78	22	5200	16	6.8	1/2"	1-1/8"	71	4x300	220V-50HZ	1380	4x90	0.43	4.18
TEF64L	8.76	7.00	32.8	4520	16	10.1	5/8"	1-1/8"	71	4x300	220V-50HZ	1380	4x90	0.43	4.18









Model 型号	Size 尺寸（mm）							
	H	B	T	L	E1	E2	F	C
TEF41	264	874	607.5	644.5	647	—	113.5	87.5
TEF61	264	874	607.5	644.5	647	—	113.5	120.5
TEF42	264	1481	607.5	644.5	1254	—	113.5	87.5
TEF62	264	1481	607.5	644.5	1254	—	113.5	120.5
TEF43	264	2093	607.5	644.5	1866	612	113.5	87.5
TEF63	264	2093	607.5	644.5	1866	612	113.5	120.5
TEF44	264	2705	607.5	644.5	2478	1224	113.5	87.5
TEF64	264	2705	607.5	644.5	2478	1224	113.5	120.5

TEC – 1 1 A N

- N: N:Standard fan 标准风机 / L:Low Noise Fan 低噪音风机
- A: A: Fin space 翅片距 4.5mm / B: Fin Space 翅片距 7mm
- 1: Number of fans 风机数量
- 1: Size尺寸:1
- TEC: Series name 系列名称

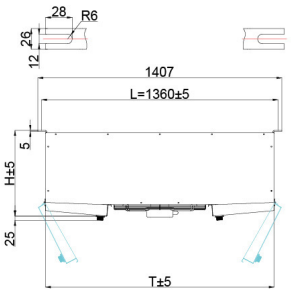
大型系列双侧出风冷风机
TEC HIGH PROFILE DUAL DISCHARGE AIR COOLER

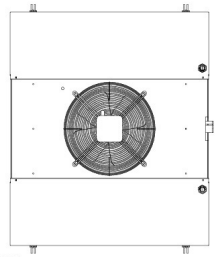
4.5MM片距 Fin space

Model 型号	Cooling Capacitry(R404a) 换热量			Axial fan 外转子风机									Connection连接		Electrical Defrost 电除霜
	Evap Temp.-8℃ DT1=8KTD	Area 面积	Tube volume 管容	Air Flow 风量	Distance 射程	Fan Speed 风速	Quantity 数量	Diameter 直径	Noise Level 噪音 in 3M	Voltage 电压	Input Power 输入功率	Current 电流	Liquid进	Gas出	
	KW	m²	Dm³	m³/h	M	RPM	PC	MM	dB(A)	380V/50HZ/3PH	W	A	Inch	Inch	KW
TEC-11AN	14.59	89.6	9.4	6100	2x11	1300	1	500	72	380V/50HZ/3PH	450	0.9	5/8"	1-5/8"	6.7
TEC-11AL	11.97	89.6	9.4	4000	2x8	900	1	500	68	380V/50HZ/3PH	230	0.55	5/8"	1-5/8"	6.7
TEC-12AN	29.18	179.2	18	12200	2x14	1300	2	500	75	380V/50HZ/3PH	2x450	2x0.9	7/8"	2-1/8"	12
TEC-12AL	23.94	179.2	18	8000	2x11	900	2	500	71	380V/50HZ/3PH	2x230	2x0.55	7/8"	2-1/8"	12
TEC-13AN	43.77	268.8	26.6	18300	2x17	1300	3	500	77	380V/50HZ/3PH	3x450	3x0.9	1-1/8"	2-5/8"	17.3
TEC-13AL	35.91	268.8	26.6	12000	2x14	900	3	500	73	380V/50HZ/3PH	3x230	3x0.55	1-1/8"	2-5/8"	17.3
TEC-14AN	58.36	358.4	35.2	24400	2x20	1300	4	500	78	380V/50HZ/3PH	4x450	4x0.9	1-1/8"	2-5/8"	22.6
TEC-14AL	47.89	358.4	35.2	16000	2x17	900	4	500	74	380V/50HZ/3PH	4x230	4x0.55	1-1/8"	2-5/8"	22.6

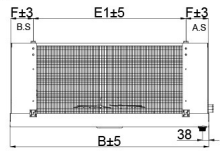
7MM片距 Fin Space

Model 型号	Cooling Capacitry(R404a) 换热量			Axial fan 外转子风机									Connection 连接		Electrical Defrost 电除霜
	EvapTemp.-25℃ DT1=7 KTD	Area 面积	Tube volume 管容	Air Flow 风量	Distance 射程	Fan Speed 风速	Quantity 数量	Diameter 外径	Noise Level 噪音值 in 3M	Voltage 电压	Input Power 输入功率	Current 电流	Liquid 进	Gas 出	
	KW	m²	Dm³	m³/h	M	RPM	PC	MM	dB(A)	380V/50HZ/3PH	W	A	Inch	Inch	KW
TEC-11BN	10.08	57.6	9.4	6100	2x12	1300	1	500	72	380V/50HZ/3PH	450	0.9	5/8"	1-5/8"	6.7
TEC-11BL	8.36	57.6	9.4	4000	2x9	900	1	500	68	380V/50HZ/3PH	230	0.55	5/8"	1-5/8"	6.7
TEC-12BN	20.16	115.2	18	12200	2x15	1300	2	500	75	380V/50HZ/3PH	2x450	2x0.9	7/8"	2-1/8"	12
TEC-12BL	16.71	115.2	18	8000	2x12	900	2	500	71	380V/50HZ/3PH	2x230	2x0.55	7/8"	2-1/8"	12
TEC-13BN	30.23	172.8	26.6	18300	2x18	1300	3	500	77	380V/50HZ/3PH	3x450	3x0.9	1-1/8"	2-5/8"	17.3
TEC-13BL	25.07	172.8	26.6	12000	2x15	900	3	500	73	380V/50HZ/3PH	3x230	3x0.55	1-1/8"	2-5/8"	17.3
TEC-14BN	40.31	230.4	35.2	24400	2x21	1300	4	500	78	380V/50HZ/3PH	4x450	4x0.9	1-1/8"	2-5/8"	22.6
TEC-14BL	33.42	230.4	35.2	16000	2x18	900	4	500	74	380V/50HZ/3PH	4x230	4x0.55	1-1/8"	2-5/8"	22.6





TEC11



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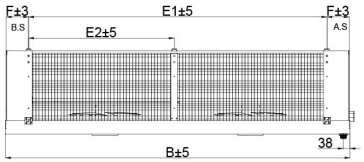

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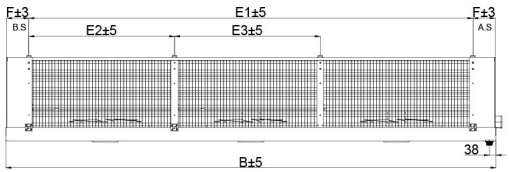
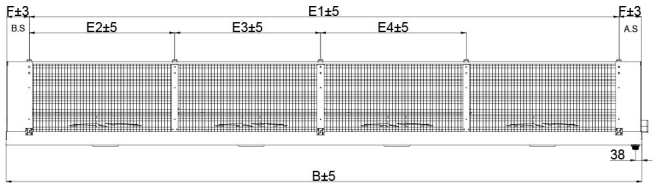


TEC14



Model	Size 尺寸（mm）								
	H	B	T	L	E1	E2	E3	E4	F
TEC11A/B	508	1146	1319	1360	880	-	-	-	129
TEC12A/B	508	1986	1319	1360	1720	840	-	-	129
TEC13A/B	508	2826	1319	1360	2560	840	840	-	129
TEC14A/B	508	3666	1319	1360	3400	840	840	840	129

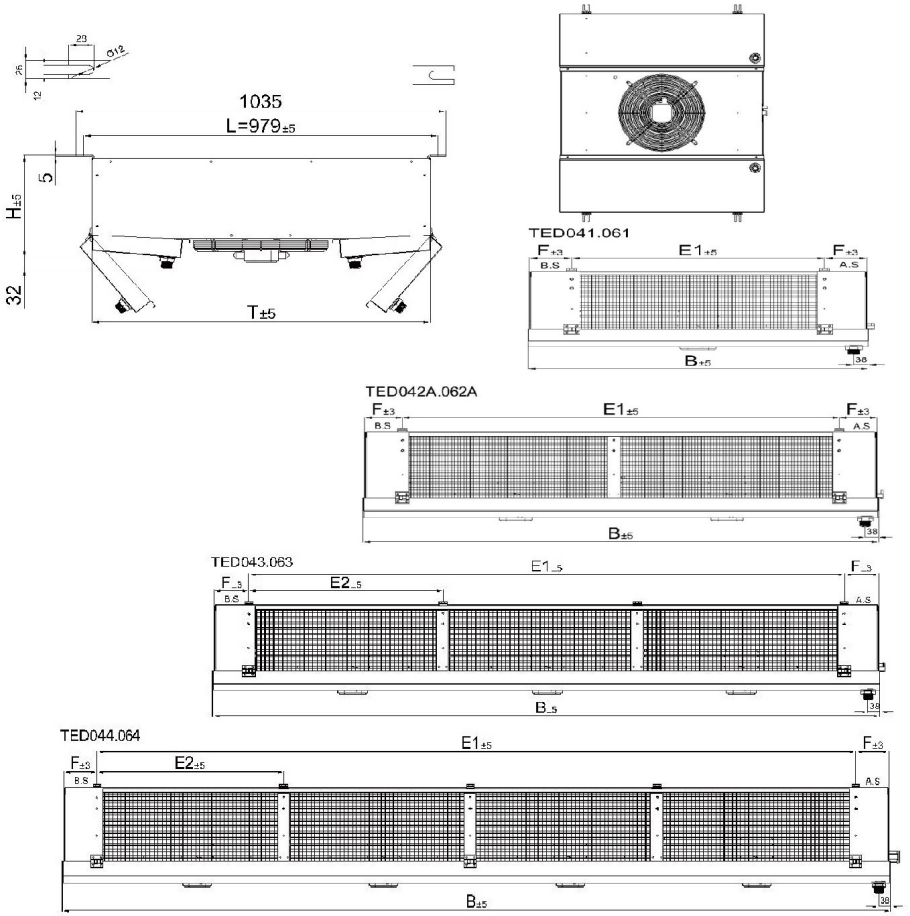
TED 中型双侧出风冷风机
TED MEDIUM PROFILE DUAL DISCHARGE AIR COOLER

4.5MM片距 Fin space

Model 型号	Cooling Capacitry 换热量(R404a)				Axial fan 外转子风机									Connection 连接		Electrical Defrost 电除霜
	Room Temp.=0℃ DT1=8KTD	Room Temp.=+10℃ DT1=10KTD	Area 面积	Tube volume 管容	Air Flow 风量	Distance 射程	Fan Speed 风速	Quantity 数量	Diameter 外径	Noise Level 噪音值 in 3M	Voltage 电压	Input Power 输入功率	Current 电流	Liquid 进	Gas 出	
	KW	KW	㎡	Dm³	m³/h	M	RPM	PC	MM	dB(A)		W	A	MM	MM	KW
TED-041AN	3.69	5.41	16.3	3.4	1720	2x11	1320	1	350	74	220V/50HZ	1*140	1*0.65	12.7	22	3.6
TED-041AL	2.66	3.71	16.3	3.4	1720	2x8	930	1	350	64	220V/50HZ	1*80	1*0.4	12.7	22	3.6
TED-061AN	4.33	6.35	24.5	5.2	1620	2x9	1320	1	350	74	220V/50HZ	1*140	1*0.65	12.7	22	3.7
TED-061AL	2.83	4.02	24.5	5.2	1620	2x5	930	1	350	64	220V/50HZ	1*80	1*0.4	12.7	22	3.7
TED-042AN	7.38	10.80	32.6	6.8	3440	2x12	1320	2	350	77	220V/50HZ	2*140	2*0.65	12.7	28	6.5
TED-042AL	5.32	7.43	32.6	6.8	3440	2x9	930	2	350	67	220V/50HZ	2*80	2*0.4	12.7	28	6.5
TED-062AN	8.66	12.70	49.1	10.4	3240	2x10	1320	2	350	77	220V/50HZ	2*140	2*0.65	12.7	28	6.6
TED-062AL	5.66	8.04	49.1	10.4	3240	2x6	930	2	350	67	220V/50HZ	2*80	2*0.4	12.7	28	6.6
TED-043AN	11.10	16.30	48.9	10.2	5160	2x13	1320	3	350	79	220V/50HZ	3*140	3*0.65	12.7	28	9.4
TED-043AL	7.98	11.10	48.9	10.2	5160	2x10	930	3	350	69	220V/50HZ	3*80	3*0.4	12.7	28	9.4
TED-063AN	12.99	19.05	73.5	15.6	4860	2x11	1320	3	350	79	220V/50HZ	3*140	3*0.65	16	35	9.5
TED-063AL	8.49	12.06	73.5	15.6	4860	2x7	930	3	350	69	220V/50HZ	3*80	3*0.4	16	35	9.5
TED-044AN	14.80	21.70	65.2	13.6	6880	2x14	1320	4	350	80	220V/50HZ	4*140	4*0.65	16	35	12.3
TED-044AL	10.60	14.90	65.2	13.6	6880	2x11	930	4	350	70	220V/50HZ	4*80	4*0.4	16	35	12.3
TED-064AN	17.32	25.40	98.1	20.8	6480	2x12	1320	4	350	80	220V/50HZ	4*140	4*0.65	22	35	12.4
TED-064AL	11.32	16.08	98.1	20.8	6480	2x8	930	4	350	70	220V/50HZ	4*80	4*0.4	22	35	12.4

7MM片距 Fin Space

Model 型号	Cooling Capacitry 换热量(R404a)				Axial fan 外转子风机									Connection 连接		Electrical Defrost 电除霜
	Room Temp.=0℃ DT1=8KTD	Room Temp.=+10℃ DT1=10KTD	Area 面积	Tube volume 管容	Air Flow 风量	Distance 射程	Fan Speed 风速	Quantity 数量	Diameter 外径	Noise Level 噪音值 in 3M	Voltage 电压	Input Power 输入功率	Current 电流	Liquid 进	Gas 出	
	KW	KW	㎡	Dm³	m³/h	M	RPM	PC	MM	dB(A)	220V/50HZ	W	A	MM	MM	KW
TED-041BN	2.98	4.37	11	3.4	1850	2x11	1320	1	350	74	220V/50HZ	1*140	1*0.65	12.7	22	3.6
TED-041BL	2.40	3.52	11	3.4	1300	2x8	930	1	350	64	220V/50HZ	1*140	1*0.4	12.7	22	3.6
TED-061BN	3.72	5.46	16.4	5.2	1770	2x9	1320	1	350	74	220V/50HZ	1*140	1*0.65	12.7	22	3.7
TED-061BL	2.74	4.02	16.4	5.2	1140	2x5	930	1	350	64	220V/50HZ	1*140	1*0.4	12.7	22	3.7
TED-042BN	5.96	8.75	22	6.8	3700	2x12	1320	2	350	77	220V/50HZ	2*140	2*0.65	12.7	28	6.5
TED-042BL	4.80	7.04	22	6.8	2600	2x9	930	2	350	67	220V/50HZ	2*140	2*0.4	12.7	28	6.5
TED-062BN	7.44	10.90	32.8	10.4	3540	2x10	1320	2	350	77	220V/50HZ	2*140	2*0.65	12.7	28	6.6
TED-062BL	5.48	8.04	32.8	10.4	2280	2x6	930	2	350	67	220V/50HZ	2*140	2*0.4	12.7	28	6.6
TED-043BN	8.94	13.10	33	10.2	5550	2x13	1320	3	350	79	220V/50HZ	3*140	3*0.65	12.7	28	9.4
TED-043BL	7.20	10.60	33	10.2	3900	2x10	930	3	350	69	220V/50HZ	3*140	3*0.4	12.7	28	9.4
TED-063BN	11.20	16.40	49.2	15.6	5310	2x11	1320	3	350	79	220V/50HZ	3*140	3*0.65	16	35	9.5
TED-063BL	8.22	12.10	49.2	15.6	3420	2x7	930	3	350	69	220V/50HZ	3*140	3*0.4	16	35	9.5
TED-044BN	11.90	17.50	44	13.6	7400	2x14	1320	4	350	80	220V/50HZ	4*140	4*0.65	16	35	12.3
TED-044BL	9.60	14.10	44	13.6	5200	2x11	930	4	350	70	220V/50HZ	4*140	4*0.4	16	35	12.3
TED-064BN	14.90	21.80	65.6	20.8	7080	2x12	1320	4	350	80	220V/50HZ	4*140	4*0.65	22	35	12.4
TED-064BL	11.00	16.10	65.6	20.8	4560	2x8	930	4	350	70	220V/50HZ	4*140	4*0.4	22	35	12.4

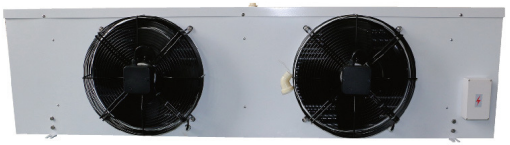


Model	Size （mm）						
	H	B	T	L	E1	E2	F
TED. 041	293	868	946	979	650	-	109
TED. 061	293	868	946	979	650	-	109
TED. 042	293	1478	947	979	1260	-	109
TED. 062	293	1478	947	979	1260	-	109
TED. 043	293	2096	947	979	1870	610	109
TED. 063	293	2096	947	979	1870	610	109
TED. 044	293	7706	947	979	2480	1260	109
TED. 064	293	7706	947	979	2480	1260	109

TA 系列冷风机
TA SERIES AIR COOLER

TA 3 1 25 4

- 4 → Fin Space 翅片距 mm
- 25 → Fan Motor Dia (cm)风机外径
- 1 → Fan Motor Qty 电机数量
- 3 → Size 尺寸：3–6
- TA → Series name 系列名称



Fin spacing 4 mm With electrical heater

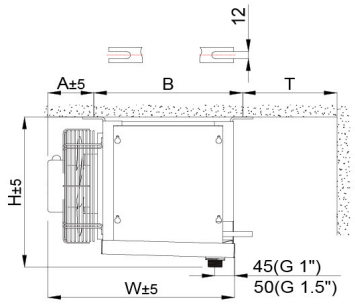
Model 型号	Cooling Capacity(R404a) 换热量				Axial fan 外转子风机									Connection 连接	
	Room Temp.=0℃ DT1=8KT	Room Temp.=+10℃ DT1=10KT	Area 面积	Tube volume 管容	Air Flow 风量	Distance 射程	Fan Speed 转速	Quantity 风机数量	Diameter 直径	Noise Level in 3M 噪音值	Voltage 电压	Input Power 输入功率	Current 电流	Liquid 进	Gas 出
	KW	KW	㎡	Dm³	m³/h	M	RPM	PC	MM	dB(A)		W	A	Inch	Inch
TA-31254	1.57	2.32	7	1.4	820	4	1350	1	250	63	220V/50HZ	55	0.24	3/8"	1/2"
TA-41254	1.86	2.77	10	1.9	760	4	1350	1	250	63	220V/50HZ	55	0.24	3/8"	1/2"
TA-31304	2.63	3.83	11	2.1	1380	6	1350	1	300	70	220V/50HZ	90	0.43	3/8"	3/4"
TA-41304	2.85	4.22	14	2.8	1300	5	1350	1	300	70	220V/50HZ	90	0.43	1/2"	7/8"
TA-41404	5.75	8.53	22	4.2	3020	8	1350	1	400	77	220V/50HZ	195	0.9	1/2"	1-1/8"
TA-61404	6.49	9.60	33	6.3	2720	7	1350	1	400	77	220V/50HZ	195	0.9	1/2"	1-1/8"
TA-41504	10.82	16.18	39	7.6	5800	17	1350	1	500	83	380V/50HZ/3PH	380	0.82	5/8"	1-3/8"
TA-61504	12.45	18.34	58	11.1	5270	16	1350	1	500	83	380V/50HZ/3PH	380	0.82	5/8"	1-3/8"
TA-42254	3.74	5.53	19	3.6	1520	6	1350	2	250	66	220V/50HZ	55	0.24	1/2"	7/8"
TA-32304	5.26	7.81	22	4.1	2760	8	1350	2	300	73	220V/50HZ	90	0.43	1/2"	1-1/8"
TA-42304	5.72	8.48	29	5.5	2600	7	1350	2	300	73	220V/50HZ	90	0.43	1/2"	1-1/8"
TA-42404	11.31	16.91	43	8.2	6040	12	1350	2	400	80	220V/50HZ	195	0.9	5/8"	1-3/8"
TA-62404	14.05	20.85	65	12.1	5440	11	1350	2	400	80	220V/50HZ	195	0.9	5/8"	1-3/8"
TA-42504	20.62	31.90	77	14.3	11600	22	1350	2	500	86	380V/50HZ/3PH	380	0.82	5/8"	1-3/8"
TA-62504	26.38	39.61	116	21.5	10540	21	1350	2	500	86	380V/50HZ/3PH	380	0.82	7/8"	1-5/8"
TA-43304	8.92	13.36	43	8	3900	10	1350	3	300	75	220V/50HZ	90	0.43	5/8"	1-3/8"
TA-43404	17.34	26.56	65	12	9060	15	1350	3	400	82	220V/50HZ	195	0.9	7/8"	1-5/8"
TA-63404	20.06	30.38	98	18	8160	13	1350	3	400	82	220V/50HZ	195	0.9	7/8"	1-5/8"
TA-43504	31.73	47.96	116	21.3	17400	26	1350	3	500	88	380V/50HZ/3PH	380	0.82	7/8"	2-1/8"
TA-63504	39.89	59.70	174	32.2	15810	24	1350	3	500	88	380V/50HZ/3PH	380	0.82	7/8"	2-1/8"
TA-44304	12.50	16.34	60.2	10.6	5200	12	1350	4	300	76	220V/50HZ	90	0.43	5/8"	1-3/8"
TA-64404	28.35	42.37	130	23.7	10880	16	1350	4	400	83	220V/50HZ	195	0.9	7/8"	1-5/8"
TA-44504	44.48	67.43	155	28.6	23200	28	1350	4	500	89	380V/50HZ/3PH	380	0.82	7/8"	2-1/8"
TA-64504	53.19	80.06	232	41	21080	26	1350	4	500	89	380V/50HZ/3PH	380	0.82	1-1/8"	2-1/8"

Fin spacing 7 mm With electrical heater

Model 型号	Cooling Capacity(R404a) 换热量				Axial fan 外转子风机									Connection 连接	
	Room Temp.=0℃ DT1=8KTD	Room Temp.=-18℃ DT1=7KTD	Area 面积	Tube volume 管容	Air Flow 风量	Distance 射程	Fan Speed 转速	Quantity 风机数量	Diameter 直径	Noise Level in 3M 噪音值	Voltage 电压	Input Power 输入功率	Current 电流	Liquid 进	Gas 出
	KW	KW	㎡	Dm³	m³/h	M	RPM		MM	dB(A)		W	A	Inch	Inch
TA-31257	1.18	0.93	4	1.4	880	4	1350	1	250	63	220V/50HZ	55	0.24	3/8"	1/2"
TA-41257	1.39	1.11	6	1.9	850	4	1350	1	250	63	220V/50HZ	55	0.24	3/8"	1/2"
TA-31307	1.87	1.49	7	2.1	1450	7	1350	1	300	70	220V/50HZ	90	0.43	3/8"	3/4"
TA-41307	2.26	1.78	9	2.8	1420	6	1350	1	300	70	220V/50HZ	90	0.43	1/2"	7/8"
TA-41407	4.39	3.48	13	4.2	3320	9	1350	1	400	77	220V/50HZ	195	0.9	1/2"	1-1/8"
TA-61407	5.46	4.33	20	6.3	3080	8	1350	1	400	77	220V/50HZ	195	0.9	1/2"	1-1/8"
TA-41507	8.05	6.37	23	7.6	6250	18	1350	1	500	83	380V/50HZ/3PH	380	0.82	5/8"	1-3/8"
TA-61507	10.22	8.06	35	11.1	5880	17	1350	1	500	83	380V/50HZ/3PH	380	0.82	5/8"	1-3/8"
TA-42257	2.78	2.22	12	3.6	1700	6	1350	2	250	66	220V/50HZ	55	0.24	1/2"	7/8"
TA-32307	3.73	2.96	13	4.1	2900	9	1350	2	300	73	220V/50HZ	90	0.43	1/2"	1-1/8"
TA-42307	4.50	3.57	17	5.5	2840	8	1350	2	300	73	220V/50HZ	90	0.43	1/2"	1-1/8"
TA-42407	8.74	6.92	26	8.2	6640	13	1350	2	400	80	220V/50HZ	195	0.9	5/8"	1-3/8"
TA-62407	10.77	8.57	39	12.1	6160	12	1350	2	400	80	220V/50HZ	195	0.9	5/8"	1-3/8"
TA-42507	15.74	12.43	46	14.3	12500	23	1350	2	500	86	380V/50HZ/3PH	380	0.82	5/8"	1-3/8"
TA-62507	20.15	16.01	69	21.5	11760	22	1350	2	500	86	380V/50HZ/3PH	380	0.82	7/8"	1-5/8"
TA-43307	6.73	5.34	26	8	4260	11	1350	3	300	75	220V/50HZ	90	0.43	5/8"	1-3/8"
TA-43407	13.25	10.49	39	12	9960	16	1350	3	400	82	220V/50HZ	195	0.9	7/8"	1-5/8"
TA-63407	16.38	12.98	59	18	9240	14	1350	3	400	82	220V/50HZ	195	0.9	7/8"	1-5/8"
TA-43507	23.94	18.96	69	21.3	18750	27	1350	3	500	88	380V/50HZ/3PH	380	0.82	7/8"	2-1/8"
TA-63507	30.01	23.83	104	32.2	17640	25	1350	3	500	88	380V/50HZ/3PH	380	0.82	7/8"	2-1/8"
TA-44307	8.88	7.05	34.3	10.6	5200	13	1350	4	300	76	220V/50HZ	90	0.43	5/8"	1-3/8"
TA-64407	21.76	17.21	78	23.7	12320	17	1350	4	400	83	220V/50HZ	195	0.9	7/8"	1-5/8"
TA-44507	31.47	24.96	93	28.6	25000	30	1350	4	500	89	380V/50HZ/3PH	380	0.82	7/8"	2-1/8"
TA-64507	40.49	31.93	139	41	23520	28	1350	4	500	89	380V/50HZ/3PH	380	0.82	1-1/8"	2-1/8"

TA 冷风机尺寸参数
TA Air Cooler Overall Size

Model	Electrical Defrosting			Net Weight		Gross weight		Size										
	Coil	Water tray	amount	TA…4	TA…7	TA…4	TA…7	L	W	H	B	E1	E2	E3	E4	F	A	T
	w	w	w	kg	kg	kg	kg	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
TA-31254(7)	1070	575	1645	20.5	20	31	30.5	774	409	375	342	529	-	-	-	123	82	200
TA-41254(7)	1070	575	1645	25	24	35.5	34.5	774	409	375	342	529	-	-	-	123	82	200
TA-31304(7)	1230	690	1920	26.5	25.5	37.5	36.5	874	424	452	342	629	-	-	-	123	97	200
TA-41304(7)	1230	690	1920	35	33.5	46	44.5	874	424	452	342	629	-	-	-	123	97	200
TA-41404(7)	2070	880	2950	39.5	37	54.5	52.5	1024	514	532	412	779	-	-	-	123	117	300
TA-61404(7)	2900	880	3780	44	39.5	59.5	55	1024	514	532	412	779	-	-	-	123	117	300
TA-41504(7)	3520	1990	5510	66	62.5	86	82.5	1275	594	680	491	1030	-	-	-	123	117	400
TA-61504(7)	5520	1990	7510	75.5	69.5	95.5	89.5	1275	594	680	491	1030	-	-	-	123	117	400
TA-42254(7)	1840	955	2795	43	41	58	56	1274	409	375	342	1029	-	-	-	123	82	200
TA-32304(7)	2140	1145	3285	44	42	60	58	1474	424	452	342	1229	-	-	-	123	97	200
TA-42304(7)	2140	1145	3285	47	44	63	60	1474	424	452	342	1229	-	-	-	123	97	200
TA-42404(7)	3900	1435	5335	68.5	63	88.5	83	1774	514	532	412	1529	-	-	-	123	117	300
TA-62404(7)	5200	1435	6635	87.5	80.5	107.5	100.5	1774	514	532	412	1529	-	-	-	123	117	300
TA-42504(7)	6740	3440	10180	110.5	102.5	146	138	2275	594	680	491	2030	-	-	-	123	117	400
TA-62504(7)	10110	3440	13550	135.5	123.5	171	159	2275	594	680	491	2030	-	-	-	123	117	400
TA-43304(7)	3180	1590	4770	70.5	66	95.5	91	2074	424	452	342	1829	600	1200	-	123	97	200
TA-43404(7)	5625	1950	7575	95.5	89	131.5	125	2524	514	532	412	2279	750	1500	-	123	117	300
TA-63404(7)	7500	1950	9450	114	103.5	150	139.5	2524	514	532	412	2279	750	1500	-	123	117	300
TA-43504(7)	9200	3630	12830	163.5	151.5	213.5	201.5	3275	594	680	491	3030	1000	2000	-	143	117	400
TA-63504(7)	13800	3630	17430	192	174	242	224	3275	594	680	491	3030	1000	2000	-	143	117	400
TA-44304(7)	4240	2120	6360	94	88	127	121	2674	424	452	342	1829	600	1200	1800	123	97	200
TA-64404(7)	9200	3630	12830	125	111	171	157	3274	514	532	412	3029	750	1500	2250	123	117	300
TA-44504(7)	12720	4770	17490	203.5	187.5	268.5	252.5	4274	594	680	491	4030	1000	2000	3000	143	117	400
TA-64504(7)	19080	4770	23850	252	228	317	293	4274	594	680	491	4030	1000	2000	3000	143	117	400



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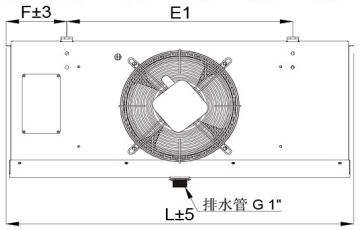

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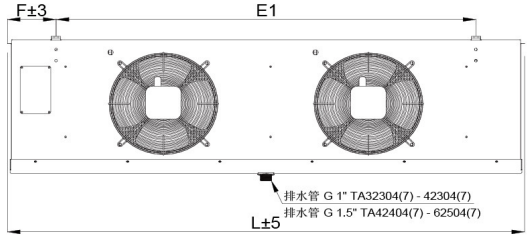

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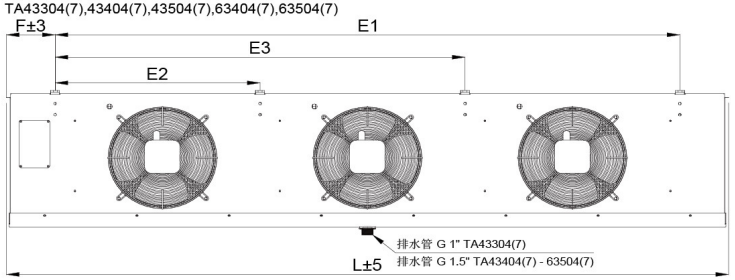

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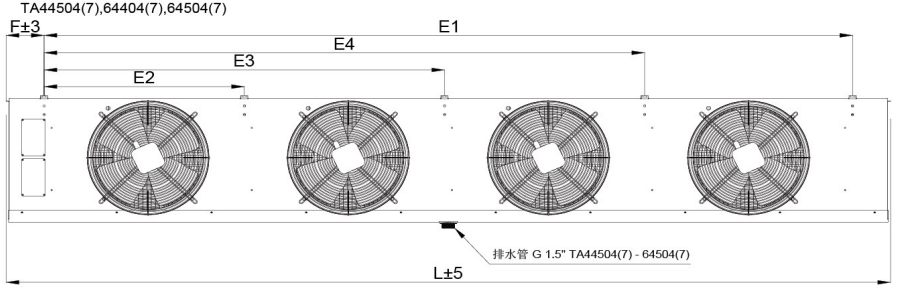


TEH系列冷风机
TEH SERIES AIR COOLER

TEH 30 1 A 10

- 10 → Heat exchange area 换热面积 m²
- A → Fin Space 翅片距4.5mm
- 1 → Fan Motor Qty 电机数量
- 30 → Fan Motor Dia (cm)风机外径
- TEH → Series name 系列名称

Fin Space 片距：4.5mm　带电加热管　with heater.

Model 型号	Capacity 换热量 R404a(W)	Cooling Area 换热面积	Pipe volume 管容	Inlet Outlet 进出	Fan Motor 外转子风机						Defrost Heater 加热管	
					Air Flow 风量	Qty 数量	OD 外径	Voltage 电压	Power 功率	Distance 距离	Coil 盘管	Water Tray 接水盘
	Te=-8℃ Δt=8K	M²	Dm³	mm	M³/h	PC	mm	V	W	M	W	W
TEH301A10	2312	10	1.74	12x16	1800	1	300	220	1×83	9	1000	500
TEH302A15	3977	15	2.63	12x16	3600	2	300	220	2×83	9	1900	900
TEH302A20	4839	20	3.51	12x16	3600	2	300	220	2×83	9	1900	900
TEH303A25	6564	25	4.45	12x16	5400	3	300	220	3×83	9	2300	1200
TEH402A40	8400	40	5.81	16x22	6200	2	400	220	2×180	17	2000	1000
TEH402A55	11000	55	7.68	16x22	6200	2	400	220	2×180	17	2500	1300
TEH502A80	17723	80	13.68	19x32	11020	2	500	380	2×495	25	2800	1500
TEH502A105	23100	105	17.11	19x32	11020	2	500	380	2×495	25	7100	1500
TEH503A125	27995	125	22.17	19x38	16530	3	500	380	3×495	25	9100	1900
TEH503A160	34640	160	25.2	19x38	16530	3	500	380	3×495	25	10300	2100
TEH504A185	40320	185	29.25	28x42	22040	4	500	380	4×495	25	11900	2500
TEH504A210	46080	210	33.29	28x42	22040	4	500	380	4×495	25	13500	2800
TEH504A260	52000	260	43.27	28x54	22040	4	500	380	4×495	25	21600	2800
TEH604A330	67665	330	53.24	28x54	40000	4	600	380	4×750	30	21500	2800
TEH604A410	82000	410	63.98	28x54	40000	4	600	380	4×750	30	25500	2400
TEH605A470	93707	470	79.64	28x54	50000	5	600	380	5×750	30	30400	3100
TEH605A580	116000	580	89.6	32x54	50000	5	600	380	5×750	30	36500	3100

TEH 系列冷风机
TEH SERIES AIR COOLER

TEH 30 1 B 7

- 7 → Heat exchange area 换热面积 m²
- B → Fin Space 翅片距6 mm
- 1 → Fan Motor Qty 电机数量
- 30 → Fan Motor Dia (cm)风机外径
- TEH → Series name 系列名称

Fin Space 片距：6mm　带电加热管　with heater.

Model 型号	Capacity 换热量 R404a(W)	Cooling Area 换热面积	Pipe volume 管容	Inlet Outlet 进出	Fan Motor 外转子风机						Defrost Heater 加热管	
					Air Flow 风量	Qty 数量	OD 外径	Voltage 电压	Power 功率	Distance 距离	Coil 盘管	Water Tray 接水盘
	Te=-25℃ Δt=7K	M²	Dm³	mm	M³/h	N	mm	V	W	M	W	W
TEH301B7	1668	7	1.74	12x16	1800	1	300	220	1×83	9	1000	500
TEH302B12	2864	12	2.63	12x16	3600	2	300	220	2×83	9	1900	900
TEH302B15	3503	15	3.51	12x16	3600	2	300	220	2×83	9	1900	900
TEH303B22	4748	22	4.45	12x16	5400	3	300	220	3×83	9	2300	1200
TEH402B30	6039	30	5.81	16x22	6200	2	400	220	2×180	17	2000	1000
TEH402B40	7459	40	7.68	16x22	6200	2	400	220	2×180	17	2500	1300
TEH502B60	13067	60	13.68	19x32	11020	2	500	380	2×495	25	2800	1500
TEH502B80	16280	80	17.11	19x32	11020	2	500	380	2×495	25	7100	1500
TEH503B100	20630	100	22.17	19x35	16530	3	500	380	3×495	25	9100	1900
TEH503B120	24420	120	25.2	19x35	16530	3	500	380	3×495	25	10300	2100
TEH504B140	28490	140	29.25	28x42	22040	4	500	380	4×495	25	11900	2500
TEH504B160	32560	160	33.29	28x42	22040	4	500	380	4×495	25	13500	2800
TEH504B200	37000	200	43.27	28x54	22040	4	500	380	4×495	25	21600	2800
TEH604B250	50141	250	53.24	28x54	40000	4	600	380	4×750	30	21500	2800
TEH604B310	57350	310	63.98	28x54	40000	4	600	380	4×750	30	25500	2400
TEH605B360	68615	360	79.64	28x54	50000	5	600	380	5×750	30	30400	3100
TEH605B440	81400	440	89.6	32x54	50000	5	600	380	5×750	30	36500	3100

TEH 系列冷风机
TEH SERIES AIR COOLER

TEH 30 2 C 8

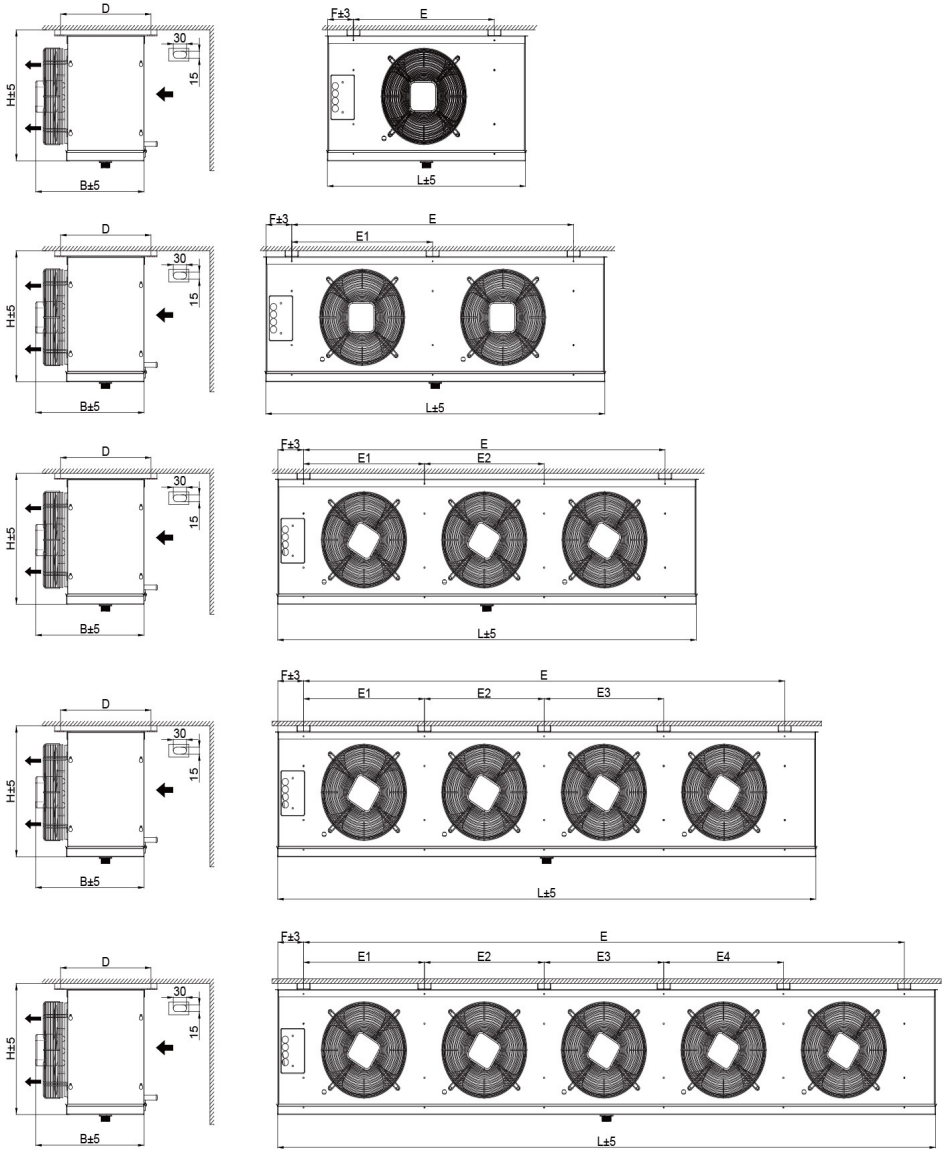
- 8 → Heat exchange area换热面积 ㎡
- C → Fin Space 翅片距 9 mm
- 2 → Fan Motor Qty 电机数量
- 30 → Fan Motor Dia (cm)风机外径
- TEH → Series name系列名称

Fin Space片距: 9.0mm 带电加热管 with heater.

Model 型号	Capacity换热量 R404a(W)		Cooling Area 换热面积	Pipe volume 管容	Inlet Outlet 进出	Fan Motor 外转子风机						Defrost Heater 加热管	
						Air Flow 风量	Qty 数量	OD 外径	Voltage 电压	Power 功率	Distance 距离	Coil 盘管	Water Tray 接水盘
	Te=-31℃ Δt=6K	Te=-40℃Δt=5K	M²	Dm³	mm	M³/h	N	mm	V	W	M	W	W
TEH302C8	1921	1527	8	2.63	12x16	3600	2	300	220	2×83	9	1900	900
TEH302C12	2340	1886	12	3.51	12x16	3600	2	300	220	2×83	9	1900	900
TEH303C15	3189	2554	15	4.45	12x16	5400	3	300	220	3×83	9	2300	1200
TEH402C20	4090	3356	20	5.81	16x22	6200	2	400	220	2×180	17	2000	1000
TEH402C30	5930	4080	30	7.68	16x22	6200	2	400	220	2×180	17	2500	1300
TEH502C40	8821	7302	40	13.68	19x32	11020	2	500	380	2×495	25	2800	1500
TEH502C55	10063	8367	55	17.11	19x32	11020	2	500	380	2×495	25	7100	1500
TEH503C70	13957	11576	70	22.17	19x35	16530	3	500	380	3×495	25	9100	1900
TEH503C85	15104	12558	85	25.2	19x35	16530	3	500	380	3×495	25	10300	2100
TEH504C100	18603	15428	100	29.25	28x42	22040	4	500	380	4×495	25	11900	2500
TEH504C115	20142	16747	115	33.29	28x42	22040	4	500	380	4×495	25	13500	2800
TEH504C140	23366	19495	140	43.27	28x54	22040	4	500	380	4×495	25	21600	2800
TEH604C170	33931	28145	170	53.24	28x54	40000	4	600	380	4×750	30	21500	2800
TEH604C210	37122	30797	210	63.98	28x54	40000	4	600	380	4×750	30	25500	2400
TEH605C250	46491	38570	250	79.64	28x54	50000	5	600	380	5×750	30	30400	3100
TEH605C300	49729	41328	300	89.6	32x54	50000	5	600	380	5×750	30	36500	3100

TEH冷风机尺寸参数
TEH Air Cooler Overall Size

Model 型号	长	宽	高	吊顶安装孔位置尺寸 Install Size mm						排水接管外径
	L	B	H	D	E	E_1	E_2	E_3	F	Drainage
TEH301A10 TEH301B7	720	465	435	340	510				95	G1”
TEH302A15 TEH302B12 TEH302C8	1270	465	435	340	1060				95	G1”
TEH302A20 TEH302B15 TEH302C12	1270	465	435	340	1060				95	G1”
TEH303A25 TEH303B22 TEH303C15	1570	465	435	340	1360				95	G1”
TEH402A40 TEH402B30 TEH402C20	1380	505	550	380	1110				97	G1”
TEH402A55 TEH402B40 TEH402C30	1750	505	550	380	1480				97	G1”
TEH502A80 TEH502B60 TEH502C40	1920	635	650	510	1650	820			97	G1”
TEH502A105 TEH502B80 TEH502C55	1920	635	650	510	1650	820			97	G1”
TEH503A125 TEH503B100 TEH503C70	2420	635	650	510	2150	720	700		97	G1”
TEH503A160 TEH503B120 TEH503C85	2720	635	650	510	2450	820	800		97	G1”
TEH504A185 TEH504B140 TEH504C100	3120	635	650	510	2850	720	700	700	97	G1”
TEH504A210 TEH504B160 TEH504C115	3520	635	650	510	3250	820	800	800	97	G1.5”
TEH504A260 TEH504B200 TEH504C140	3520	705	695	580	3250	820	800	800	97	G1.5”
TEH604A330 TEH604B250 TEH604C170	3520	730	845	630	3250	820	800	800	97	G1.5”
TEH604A410 TEH604B310 TEH604C210	3020	730	920	720	2750	715	675	675	97	G1.5”
TEH605A470 TEH605B360 TEH605C250	3920	730	865	720	3650	740	720	720	97	G1.5”
TEH605A580 TEH605B440 TEH605C300	3920	730	965	720	3650	740	720	720	97	G1.5”



SC1 DT1=10K Air on=10 ℃

DT1	Evaporating temperature(℃)									
K	7	6	5	4	3	2	1	0	-1	-2
6	1.81	1.81	1.82	1.82	1.83	1.83	1.84	1.84	1.84	1.85
7	1.49	1.50	1.50	1.50	1.51	1.51	1.52	1.52	1.52	1.53
8	1.27	1.28	1.28	1.29	1.29	1.29	1.30	1.30	1.30	1.31
9	1.10	1.10	1.11	1.11	1.12	1.12	1.13	1.13	1.13	1.14
10	0.97	0.98	0.98	0.99	0.99	0.99	1.00	1.00	1.00	1.01
11	0.88	0.88	0.88	0.89	0.89	0.90	0.90	0.90	0.90	0.91
12	0.79	0.79	0.79	0.80	0.80	0.81	0.81	0.81	0.81	0.82

SC2 DT1=8K Air on=0 ℃

DT1	Evaporating temperature(℃)									
K	-3	-4	-5	-6	-7	-8	-9	-10	-11	-12
6	1.30	1.34	1.38	1.42	1.42	1.43	1.43	1.43	1.44	1.44
7	1.04	1.07	1.10	1.14	1.17	1.18	1.18	1.18	1.19	1.19
8	0.86	0.88	0.91	0.94	0.97	1.00	1.00	1.01	1.01	1.01
9	0.75	0.75	0.77	0.79	0.82	0.84	0.87	0.87	0.87	0.88
10	0.66	0.66	0.66	0.68	0.70	0.72	0.74	0.77	0.77	0.77
11	0.59	0.59	0.59	0.59	0.61	0.63	0.65	0.67	0.69	0.69
12	0.54	0.54	0.54	0.54	0.54	0.55	0.57	0.58	0.60	0.62

SC3 DT1=7K Air on=-18 ℃

DT1	Evaporating temperature(℃)									
K	-21	-22	-23	-24	-25	-26	-27	-28	-29	-30
6	1.20	1.20	1.21	1.21	1.21	1.22	1.22	1.23	1.23	1.23
7	0.99	0.99	0.99	1.00	1.00	1.00	1.00	1.01	1.01	1.02
8	0.84	0.84	0.84	0.85	0.85	0.85	0.85	0.86	0.86	0.86
9	0.73	0.73	0.73	0.73	0.73	0.74	0.74	0.74	0.74	0.75
10	0.64	0.64	0.64	0.64	0.65	0.65	0.65	0.65	0.66	0.66
11	0.57	0.57	0.57	0.58	0.58	0.58	0.58	0.58	0.59	0.50
12	0.52	0.52	0.52	0.52	0.52	0.52	0.53	0.53	0.53	0.53

Correction factor refrigerant

T room ℃	-35	-30	-25	-20	-15	-10	-5	0	5	10
R22	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
R134a	-	-	-	-	0.86	0.88	0.89	0.91	0.92	0.93
R404A	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
R507A	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97