

商用双出风型冷风机

TA系列



2  19.5 kW



BEIJER REF

Commercial Dual Blow Unit Cooler
TA Series



 **描述**
Description

- 吊顶安装的 TA 系列双出风型冷风机是专门为食品加工准备间、各类包装间、实验室、冷库而设计的静音冷风机。
- The ceiling mountd TA Dual Blow Unit Cooler is a kind of silent cooler designed specifically for food processing room, packing room, laboratory and cold storage.
- 总共有14种类型，高温型温度范围（翅片间隔3.63mm）以及中温型温度范围（翅片间隔 6.35mm）。
- Totally it has 14 models covering both high temperature range (3.63mm fin spacing) and medium temperature range (6.35 mm fin spacing).
- 风口直径统一为Φ350m，均为全封闭电机。
- Uniform 350mm outlet diameter hermetic fan.
- 壳体为 ABS 工程塑料，整体型风罩，圆角设计，防腐处理，坚固美观，耐热冲击。
- ABS engineering plastic casing,rounded corner,integral fan hood and anti-corrosion treatment create solid good-looking exterior and thermal shock resistance.
- 中间的排水盘能够防止壳体上产生冷凝。
- An intermediate drain pan avoids condensation on the casing.specify when ordering.

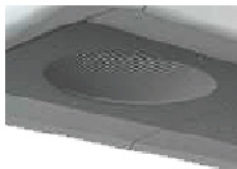
优势 Advantages



静音节能
Silent and Economy



圆角设计
Rounded Corner



整体型风罩
Integral Fan Hood

市场范围 Market Segments



- 大型商超 Supermarket
- 食品加工间 Processing Room
- 准备间 Packing Room

命名规则 Nomenclature

商用双出风型冷风机
TA COMMERCIAL DUAL BLOW UNIT COOLER

TA 1R⁽¹⁾ 6P⁽²⁾ -H⁽³⁾ C⁽⁴⁾

- | | |
|---------------------------------------------------|---------------------------------------------------------------------------------------------|
| (1) 1R: 1: 序号
R: 高温.片距3.63mm
L: 中温.片距6.35mm | (1) 1: Series No.
R: High Temp. Fin spacing 3.63mm
L: Medium Temp. Fin spacing 6.35mm |
| (2) 6P: 电机极数
6P: 6极电机 | (2) 6P: Number of Poles
6P: 6Poles motor |
| (3) H: 带电加热丝除霜
空白: 无除霜
N: Freddox | (3) H: Elec. Defrost
Blank: Without defrost
N: Freddox |
| (4) C: 订单代码 | (4) C: Order Code |

注: 低温冷风机标配电除霜
Note: Electrical defrost is standard for low temp units.

修正系数 Correction Factors

双出风冷风机标准工况
Dual Blow unit coolers standard conditions

标准型号 Models	tA1进风温度 (°C) tA1 Inlet temperature(°C)	te蒸发温度 (°C) te SST(°C)	标准温差TD1 (K) Standard TD1(K)
TA...R 6P	+10	0	10
TA...L 6P	0	-8	8

翅片材料系数
Fin Material Correction Factors

铝翅片 Aluminum fin	带涂层铝翅片 Coated Aluminum fin
1	0.97

注: 实际制冷量=标准制冷量X修正系数X实际温差/标准温差
Note: Actual capacity = capacity X factor X actual KTD / KTD at Rated Conditions.

选项 Options

● 标配 Standard

○ 选配 Optional

× 不提供 N/A

选项 Options	BOHN	KIRBY
	TAR-高温冷风机 TAR-High Temp	TAL-中温冷风机 TAL-Medium Temp
电机 Motor		
Freddox电机 Freddox motor	●	●
EBM电机 (EC) EBM motor(EC)	×	×
FMV电机 FMV motor	×	×
施乐佰电机 ZIEHL-ABEGG motor	○	○
翅片 Fin		
翅片涂层 (清水铝箔) Fin coating (blue fin)	○	○
翅片涂层 (黑色电泳) Fin coating(black electrophoresis)	×	×
外壳 Casing		
ABS工程塑料 ABS	●	●
喷塑铝板 Plastics sprayed aluminum	×	×
不锈钢 Stainless steel	×	×
除霜方式 Defrost		
电加热丝除霜 Electrical defrost	○	●
热气化霜 (盘管) Hot gas defrost(coil)	○	○
水化霜 Water defrost	×	×
翅片片距 Fin spacing		
7FPI (3.63mm)	●	○
6FPI (4.23mm)	○	○
5FPI (5.08mm)	○	○
4FPI (6.35mm)	○	●
其他 Others		
风机接线 Fan wiring	●	●
电气箱 (IP54) Electrical cabinet(IP54)	×	×

注：如需其他未列出的配置，请咨询百尔制冷当地代表处。

Note: If need other unlisted configurations, please consult Beijer Ref local representative office.

技术参数

Technical Data

(片距3.63mm)

型号 Model	制冷量 Capacity (TD=10K)		内容积 Internal Volume	换热 面积 Surface	风机参数 Fan data					电加热丝 (可选) Heaters(option) (220V/1P/50Hz)	净重 Net weight	声压级 Sound pressure level
	R22	R404A			(220伏/ 1相/ 50Hz)			(220V/1P/ 50Hz)				
					风扇数量 No.of fans 350mm直径	风量 Air Flow	射程 Air throw	总功率 Total power	总电流 Total current	Lp 4m		
TA.R 6P	kW	kW	dm ³	m ²	No.	m ³ /h	m	W	A max	W	kg	dB(A)
1	3.85	3.93	2.23	15.23	1	1310	7	1X68	1X0.30	800	22	29
2	5.23	6.09	2.23	15.23	2	2910	7	2X68	2X0.30	800	28.3	32
3	6.96	7.46	3.35	22.84	2	2750	7	2X68	2X0.30	1200	31	32
4	7.83	8.06	4.46	30.45	2	2615	7	2X68	2X0.30	1600	33.6	32
5	10.49	11.26	5.02	34.26	3	4125	7	3X68	3X0.30	1800	37.4	34
6	12.90	13.21	8.36	57.10	3	3765	6	3X68	3X0.30	3000	45.7	34
7	15.84	16.32	8.92	60.91	4	5230	7	4X68	4X0.30	3200	60.9	35

标准工况为:

进风温度tA1=10°C 蒸发温度te=0°C 标准温差TD1=10K 风机参数: 350mm直径, 1000RPM, 220V/1P/50Hz Lp4m: 距离产品4m测试结果

Standard condition:

Air inlet temperature=10°C Evaporating temperature=0°C Standard temperature difference=10K
Fan data:350mm Diameter,1000RPM,220V/1P/50Hz. LP4m:Average sound pressure level in dB(A) measured at 4m, at fan height.

技术参数

Technical Data

(片距6.35mm)

型号 Model	制冷量 Capacity (TD=8K)		内容积 Internal Volume	换热 面积 Surface (m ²)	风机参数 Fan data					电加热丝 (可选) Heaters(option) (220V/1P/50Hz)	净重 Net weight	声压级 Sound pressure level
	R22	R404A			(220伏/ 1相/ 50Hz)			(220V/1P/ 50Hz)				
					风扇数量 No.of fans 350mm直径	风量 Air Flow	射程 Air throw	总功率 Total power	总电流 Total current	Lp 4m		
TA.L 6P	kW	kW	dm ³	m ²	No.	m ³ /h	m	W	A max	W	kg	dB(A)
1	2.36	2.38	2.79	11.33	1	1330	7	1X68	1X0.30	800	23.3	29
2	3.76	3.86	3.35	13.60	2	2875	7	2X68	2X0.30	800	25.9	32
3	4.44	4.48	4.46	18.13	2	2760	7	2X68	2X0.30	1200	29	32
4	4.82	4.89	5.58	22.66	2	2660	7	2X68	2X0.30	1600	34	32
5	5.46	5.51	5.02	20.40	3	4315	7	3X68	3X0.30	1800	38.5	34
6	7.60	7.70	8.36	33.99	3	3990	7	3X68	3X0.30	3000	47.4	34
7	9.78	9.82	11.15	45.32	4	5315	7	4X68	4X0.30	3200	57.5	35

标准工况为:

进风温度tA1=0°C 蒸发温度te=-8°C 标准温差TD1=8K 风机参数: 350mm直径, 1000RPM, 220V/1P/50Hz Lp4m: 距离产品4m测试结果

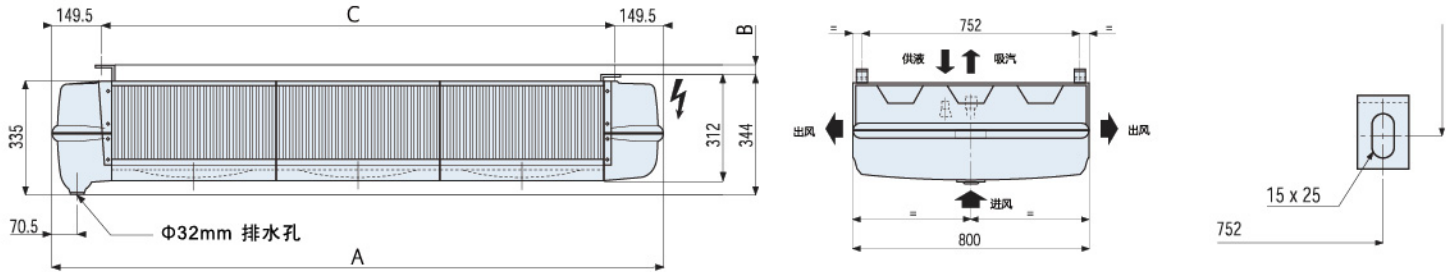
Standard condition:

Air inlet temperature=0°C Evaporating temperature=-8°C Standard temperature difference=8K
Fan data:350mm Diameter,1000RPM,220V/1P/50Hz. LP4m:Average sound pressure level in dB(A) measured at 4m, at fan height.

尺寸参数 Dimensions

标注 Label	TA	1	2	3	4	5	6	7
A	mm	866	1366	1366	1366	1866	1866	2366
B	mm	17.5	17.5	17.5	17.5	35	35	35
C	mm	560	1060	1060	1060	1560	1560	2060
供液管 Inlet	mm	15.88	15.88	15.88	15.88	15.88	15.88	15.88
吸气管 Outlet	mm	15.88	15.88	22.22	22.22	22.22	28.58	28.58

尺寸图 Dimensions



供液管尺寸说明: 供液管, 吸气管仅为产品进出口尺寸, 实际连接管径尺寸根据具体应用计算确定。
 Note: Liquid/vapor line dimension is for inlet/outlet line of product, please calculate connection line dimension according to your applicator.