

二氧化碳冷风机

CO₂ Unit Cooler

净盈系列
ECOCOOL系列



BEIJER REF

前瞻性
环保

Future proof
environment friendly performance



特点 Features

创新, 经济

Innovative Features, Real Benefits

- 所有型号的 ECOCOOL 系列额定的最大工作压力可达 80 bar, 适用于跨临界和亚临界应用。
- All models of the Ecocool range are rated for maximum working pressures up to 80 bar and are suitable for transcritical and subcritical applications.

操作便捷

Easy operation and servicing

- 制冷侧和电气侧前开式面板设计, 方便操作和维护。
- User friendly access panels are designed for ease of commissioning and service, with front opening access to both electrical and refrigeration components.

美观耐用

Attractive and durable

- 高强度铝合金配合高品质粉末喷涂, 容易清洁, 外观美观。
- Premium aluminum construction with a crisp, white powder coated finish is durable, easy to clean and provides an aesthetically pleasing appearance.

风机预接线

Pre-wired fans

- 风机预接线简化现场的安装过程, 加快调试速度。
- Pre-wired fans simplifies installation and speeds up commissioning.

未来证明, 环保性能

Future Proof, Environmentally Friendly Performance

- R744 具有非常低的全球变暖潜能值 (GWP) 基础值 1, 是一种环保的合成替代品制冷剂。天然产生, 无毒 (在通风空间内), 不易燃, 不消耗臭氧。此外, 它不仅提供卓越的性能, 还具有高投资回报率。
- With a very low global warming potential (GWP) base value of 1, R744 is an environmentally friendly alternative to synthetic refrigerants. Naturally occurring, it is non-toxic (within a ventilated space), non-flammable and non-ozone depleting. Furthermore, not only does it provide exceptional performance, your investment is future proof for years to come.



命名规则

Nomenclature

(1) 公司名称	(1) Beijer Kirby
(2) 温度范围 M: 中温 L: 低温	(2) Temperature range M: Medium temperature L: Low temperature
(3) 二氧化碳	(3) CO ₂
(4) 风扇数 x 扇径: 430: 4x300mm	(4) Fan number x fan diameter 430: 4x300mm
(5) 电机品牌: E: EBM 电机 F: Freddox 电机	(5) Motor brand: E: EBM motor F: Freddox motor
(6) 盘管模块	(6) Coil Module
(7) 片距: 1: 6FPI 2: 4FPI	(5) Fin spacing: 1: 6FPI 2: 4FPI
(8) 可选项: H: 电化霜* *仅中温可选, 低温标配电化霜	(8) Optional: H: Electric defrost* *Only medium temperature unit electric defrost is standard for low temperature units.

技术参数

Technical Data

型号 Model	制冷量 W SC2	翅片 间距 Fin Spacing (mm)	内容积 Internal Volume dm ³	盘管 排数 N.O. of rows	风机参数 Fan Data						电加热丝 Heaters		进液管 Inlet Tube (mm)	吸气管 Suction Pipe (mm)	重量 Weight (kg)	A (mm)	B (mm)	C (mm)	D (mm)
	R744				风量 Air Flow (m ³ /h)	风机 Fan (mm)	电源 Power	送风距离 Air Throw (m)	总功率 Total Power (W)	总电流 Total Current (A)	总功率 Total Power (W)	电源 Power							
BMC-130E4A1	1820	4.23	1.1	4	1193	1 x 300	220V/1P/50Hz	7.1	72	0.32	1000	220V/1P/50Hz	9.52	9.52	15	440	750	494	-
BMC-130E6A1	2140	4.23	1.7	6	1044	1 x 300	220V/1P/50Hz	6.4	72	0.32	1000	220V/1P/50Hz	9.52	9.52	17	440	750	494	-
BMC-230E3A1	3290	4.23	1.7	3	2566	2 x 300	220V/1P/50Hz	10.6	144	0.64	2000	220V/1P/50Hz	9.52	9.52	23	845	1155	494	-
BMC-230E5A1	4090	4.23	2.9	5	2228	2 x 300	220V/1P/50Hz	9.6	144	0.64	2000	220V/1P/50Hz	12.70	12.70	26	845	1155	494	-
BMC-330E4A1	5730	4.23	3.4	4	3579	3 x 300	220V/1P/50Hz	12.5	216	0.96	3000	380V/3P/50Hz	12.70	12.70	34	1250	1560	494	-
BMC-430E4A1	7600	4.23	4.6	4	4772	4 x 300	220V/1P/50Hz	14.0	288	1.28	4000	380V/3P/50Hz	12.70	12.70	44	1660	1970	494	-
BMC-135E3B1	2610	4.23	1.2	3	2354	1 x 350	220V/1P/50Hz	8.9	151	0.66	1750	220V/1P/50Hz	9.52	9.52	18	540	850	545	-
BMC-235E3B1	5650	4.23	2.8	3	4708	2 x 350	220V/1P/50Hz	13.0	302	1.32	3500	380V/3P/50Hz	12.70	12.70	32	1175	1485	545	-
BMC-235E6B1	7580	4.23	5.6	6	3766	2 x 350	220V/1P/50Hz	11.7	302	1.32	3500	380V/3P/50Hz	12.70	12.70	42	1175	1485	545	-
BMC-335E4B1	9870	4.23	5.6	4	6528	3 x 350	220V/1P/50Hz	14.8	453	1.98	5250	380V/3P/50Hz	12.70	15.88	49	1745	2060	545	-
BMC-435E4B1	13370	4.23	7.5	4	8704	4 x 350	220V/1P/50Hz	16.5	604	2.64	7000	380V/3P/50Hz	12.70	19.05	65	2320	2630	545	1165
BMC-435E6B1	15220	4.23	11.2	6	7532	4 x 350	220V/1P/50Hz	15.7	604	2.64	7000	380V/3P/50Hz	12.70	19.05	78	2320	2630	545	1165

以下为Freddox电机

BMC-130F4A1	1820	4.23	1.1	4	1193	1 x 300	220V/1P/50Hz	7.1	85	0.42	1000	220V/1P/50Hz	9.52	9.52	15	440	750	494	-
BMC-130F6A1	2140	4.23	1.7	6	1044	1 x 300	220V/1P/50Hz	6.4	85	0.42	1000	220V/1P/50Hz	9.52	9.52	17	440	750	494	-
BMC-230F3A1	3290	4.23	1.7	3	2566	2 x 300	220V/1P/50Hz	10.6	170	0.84	2000	220V/1P/50Hz	9.52	9.52	23	845	1155	494	-
BMC-230F5A1	4090	4.23	2.9	5	2228	2 x 300	220V/1P/50Hz	9.6	170	0.84	2000	220V/1P/50Hz	12.70	12.70	26	845	1155	494	-
BMC-330F4A1	5730	4.23	3.4	4	3579	3 x 300	220V/1P/50Hz	12.5	255	1.26	3000	380V/3P/50Hz	12.70	12.70	34	1250	1560	494	-
BMC-430F4A1	7600	4.23	4.6	4	4772	4 x 300	220V/1P/50Hz	14.0	340	1.68	4000	380V/3P/50Hz	12.70	12.70	44	1660	1970	494	-
BMC-135F3B1	2610	4.23	1.2	3	2354	1 x 350	220V/1P/50Hz	8.9	170	0.78	1750	220V/1P/50Hz	9.52	9.52	18	540	850	545	-
BMC-235F3B1	5650	4.23	2.8	3	4708	2 x 350	220V/1P/50Hz	13.0	340	1.56	3500	380V/3P/50Hz	12.70	12.70	32	1175	1485	545	-
BMC-235F6B1	7580	4.23	5.6	6	3766	2 x 350	220V/1P/50Hz	11.7	340	1.56	3500	380V/3P/50Hz	12.70	12.70	42	1175	1485	545	-
BMC-335F4B1	9870	4.23	5.6	4	6528	3 x 350	220V/1P/50Hz	14.8	510	2.34	5250	380V/3P/50Hz	12.70	15.88	49	1745	2060	545	-
BMC-435F4B1	13370	4.23	7.5	4	8704	4 x 350	220V/1P/50Hz	16.5	680	3.12	7000	380V/3P/50Hz	12.70	19.05	65	2320	2630	545	1165
BMC-435F6B1	15220	4.23	11.2	6	7532	4 x 350	220V/1P/50Hz	15.7	680	3.12	7000	380V/3P/50Hz	12.70	19.05	78	2320	2630	545	1165

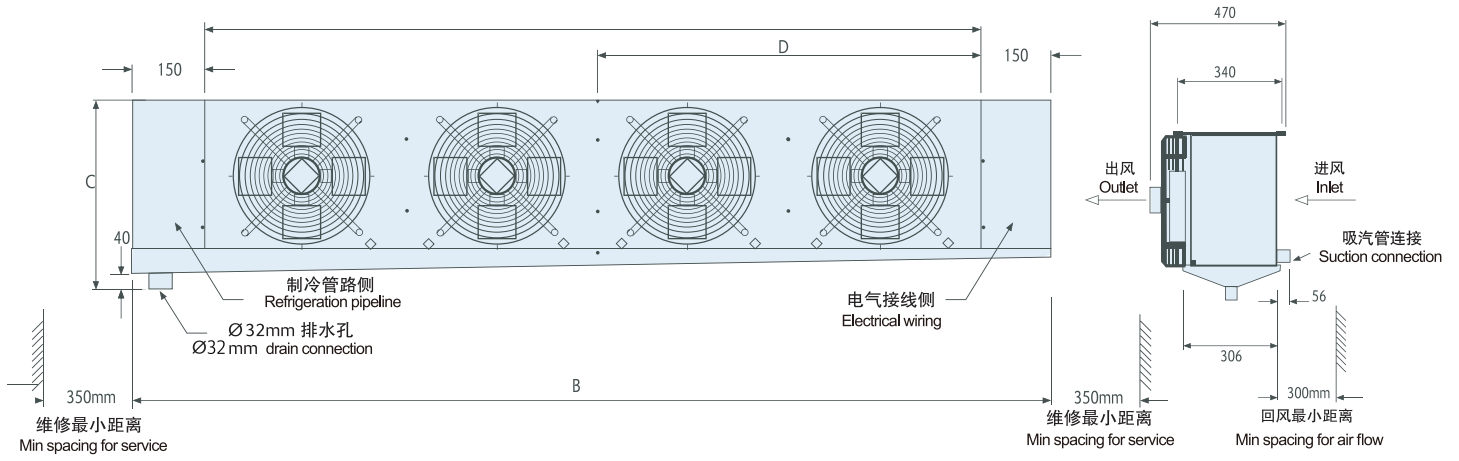
技术参数

Technical Data

型号 Model	制冷量 W SC3	翅片 间距 Fin Spacing (mm)	内容积 Internal Volume dm ³	盘管 排数 N.O. of rows	风机参数 Fan Data						电加热丝 Heaters		进液管 Inlet Tube (mm)	吸气管 Suction Pipe (mm)	重量 Weight (kg)	A (mm)	B (mm)	C (mm)	D (mm)
	R744				风量 Air Flow (m ³ /h)	风机 Fan (mm)	电源 Power	送风距离 Air Throw (m)	总功率 Total Power (W)	总电流 Total Current (A)	总功率 Total Power (W)	电源 Power							
BLC-130E4A2	1460	6.35	1.1	4	1236	1 x 300	220V/1P/50Hz	6.1	72	0.32	1000	220V/1P/50Hz	9.52	9.52	15	440	750	494	-
BLC-230E4A2	3030	6.35	2.3	4	2472	2 x 300	220V/1P/50Hz	9.5	144	0.64	2000	220V/1P/50Hz	9.52	9.52	24	845	1155	494	-
BLC-330E3A2	3770	6.35	2.6	3	3960	3 x 300	220V/1P/50Hz	11.2	216	0.96	3000	380V/3P/50Hz	12.70	12.70	32	1250	1560	494	-
BLC-135E3B2	2010	6.35	1.2	3	2422	1 x 350	220V/1P/50Hz	8.3	151	0.66	1750	220V/1P/50Hz	9.52	9.52	18	540	850	545	-
BLC-235E3B2	4370	6.35	2.8	3	4844	2 x 350	220V/1P/50Hz	12.1	302	1.32	3500	380V/3P/50Hz	12.70	12.70	32	1175	1485	545	-
BLC-235E5B2	5880	6.35	4.7	5	4224	2 x 350	220V/1P/50Hz	11.0	302	1.32	3500	380V/3P/50Hz	12.70	12.70	38	1175	1485	545	-
BLC-335E4B2	7870	6.35	5.6	4	6783	3 x 350	220V/1P/50Hz	14.3	453	1.98	5250	380V/3P/50Hz	12.70	15.88	49	1745	2060	545	-
BLC-435E4B2	10690	6.35	7.5	4	9044	4 x 350	220V/1P/50Hz	15.6	604	2.64	7000	380V/3P/50Hz	12.70	19.05	65	2320	2630	545	1165
BLC-435E5B2	11810	6.35	9.4	5	8448	4 x 350	220V/1P/50Hz	15.3	604	2.64	7000	380V/3P/50Hz	12.70	19.05	73	2320	2630	545	1165

以下为Freddox电机

BLC-130F4A2	1460	6.35	1.1	4	1236	1 x 300	220V/1P/50Hz	6.1	85	0.42	1000	220V/1P/50Hz	9.52	9.52	15	440	750	494	-
BLC-230F4A2	3030	6.35	2.3	4	2472	2 x 300	220V/1P/50Hz	9.5	170	0.84	2000	220V/1P/50Hz	9.52	9.52	24	845	1155	494	-
BLC-330F3A2	3770	6.35	2.6	3	3960	3 x 300	220V/1P/50Hz	11.2	255	1.26	3000	380V/3P/50Hz	12.70	12.70	32	1250	1560	494	-
BLC-135F3B2	2010	6.35	1.2	3	2422	1 x 350	220V/1P/50Hz	8.3	170	0.78	1750	220V/1P/50Hz	9.52	9.52	18	540	850	545	-
BLC-235F3B2	4370	6.35	2.8	3	4844	2 x 350	220V/1P/50Hz	12.1	340	1.56	3500	380V/3P/50Hz	12.70	12.70	32	1175	1485	545	-
BLC-235F5B2	5880	6.35	4.7	5	4224	2 x 350	220V/1P/50Hz	11.0	340	1.56	3500	380V/3P/50Hz	12.70	12.70	38	1175	1485	545	-
BLC-335F4B2	7870	6.35	5.6	4	6783	3 x 350	220V/1P/50Hz	14.3	510	2.34	5250	380V/3P/50Hz	12.70	15.88	49	1745	2060	545	-
BLC-435F4B2	10690	6.35	7.5	4	9044	4 x 350	220V/1P/50Hz	15.6	680	3.12	7000	380V/3P/50Hz	12.70	19.05	65	2320	2630	545	1165
BLC-435F5B2	11810	6.35	9.4	5	8448	4 x 350	220V/1P/50Hz	15.3	680	3.12	7000	380V/3P/50Hz	12.70	19.05	73	2320	2630	545	1165



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.