

# MCU 系列风冷制冷机组

## MCU Series Air Cooled Indoor Condensing Unit



# MCU

### 规格及特点 Specifications & Features

名义制冷量: 3 HP 至 15 HP  
Nominal capacity : From 3 HP to 15 HP

应用温度: +5 °C 至 -40 °C  
Application temperature : +5 °C to -40 °C

制冷剂: R22, R404A  
Refrigerant : R22, R404A

侧风开放式设计, 保养、维修简便  
Horizontal air discharge indoor design,  
convenient maintenance

钣金表面烤漆处理, 耐腐蚀、抗磨损  
Powder coated casing providing extended  
corrosion resistance and durability

高效电机配合静音设计风页, 动静兼具  
Low-noise fan driven by maximum  
efficient motors, are statically and  
dynamically balanced



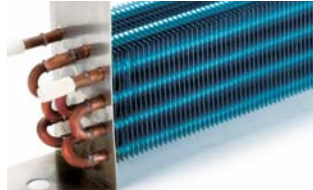
配备 Bitzer 半封闭压缩机, 安全可靠, 制冷量大, 降温快

Bitzer semi-hermetic reciprocating compressor offer extended application range, high cooling capacity and minimum energy requirement



采用品牌管路组件, 更长使用寿命、更经济维护成本

Reliable components (liquid receiver, oil separator, filter drier, pressure switch, etc.) for longer life, minimum maintenance needs



由纯铜管和亲水铝翅片组成的风冷冷凝器, 充分实现高效散热

Air cooled condenser consist of copper tubes and hydrophilic-coated aluminum fins to provide optimum heat exchange capability

### 性能参数 Cooling Performance

R 22 应用温度 Application Temperature: +5 °C to -20 °C

型号 Model	制冷量 Cooling Capacity kW					功率消耗 Power Consumption kW				
	-5 °C	蒸发温度 -10 °C	-15 °C	-25 °C	-35 °C	-5 °C	蒸发温度 -10 °C	-15 °C	-25 °C	-35 °C
MCU-3M	5.66	4.20	3.46	-	-	3.04	2.55	2.50	-	-
MCU-4M	7.12	5.24	4.28	-	-	3.64	2.76	2.90	-	-
MCU-5M	9.34	7.12	5.91	-	-	4.60	3.57	3.81	-	-
MCU-8M	13.20	9.98	8.16	-	-	6.06	4.59	4.80	-	-
MCU-10M	18.90	14.50	12.10	-	-	9.24	7.07	7.58	-	-
MCU-15M	27.60	21.10	19.90	-	-	11.90	10.10	9.68	-	-

R 22 应用温度 Application Temperature: -5 °C to -40 °C

型号 Model	制冷量 Cooling Capacity kW					功率消耗 Power Consumption kW				
	-5 °C	蒸发温度 -10 °C	-15 °C	-25 °C	-35 °C	-5 °C	蒸发温度 -10 °C	-15 °C	-25 °C	-35 °C
MCU-2L	-	-	3.05	2.96	1.12	-	-	1.93	2.09	1.21
MCU-3L	-	-	4.42	3.63	1.73	-	-	2.59	2.43	1.67
MCU-4L	-	-	6.57	4.80	3.52	-	-	3.62	2.90	2.95
MCU-10L	-	-	14.50	8.94	7.16	-	-	7.70	6.35	6.33
MCU-15L	-	-	19.50	12.50	9.90	-	-	10.50	8.52	8.59

R 404A 应用温度 Application Temperature: -5 °C to -40 °C

型号 Model	制冷量 Cooling Capacity kW					功率消耗 Power Consumption kW				
	-5 °C	蒸发温度 -10 °C	-15 °C	-25 °C	-35 °C	-5 °C	蒸发温度 -10 °C	-15 °C	-25 °C	-35 °C
MCU-2L	-	-	-	2.83	16.5	-	-	-	2.07	1.49
MCU-3L	-	-	5.69	3.80	2.26	-	-	3.40	2.69	2.02
MCU-4L	-	-	6.81	4.58	2.75	-	-	4.17	3.21	2.40
MCU-10L	-	-	16.30	10.70	6.37	-	-	8.61	6.87	5.20
MCU-15L	-	-	20.00	13.70	8.48	-	-	11.90	9.19	6.94

### 技术参数和外形尺寸 Technical Data and Dimensions

型号 Model	风机数 Fan Q'ty	最大冷凝器风量 Max. Air Flow Condenser m³/h	最大风机功率 Max. Fan Power W	吸气管尺寸 Suction Line Size inch	排气管尺寸 Liquid Line Size inch	外形尺寸 Dimensions				
						L mm	B mm	H mm	D mm	E mm
MCU-3M	☺☺	3600	240	3/4	3/8	1010	710	520	960	420
MCU-4M	☺☺	6000	240	3/4	3/8	1010	710	570	960	420
MCU-5M	☺☺	6000	240	1	1/2	1010	710	570	960	420
MCU-8M	☺☺	9000	360	1-1/8	5/8	1230	800	780	1180	520
MCU-10M	☺☺	9000	360	1-1/8	5/8	1430	900	880	1390	600
MCU-15M	☺☺	17440	1200	1-3/8	5/8	1430	900	1080	1390	600
MCU-2L	☺	1800	120	7/8	3/8	600	700	520	550	420
MCU-3L	☺☺	3600	240	7/8	3/8	1010	710	520	960	420
MCU-4L	☺☺	6000	240	1-1/8	3/8	1010	710	570	960	420
MCU-10L	☺☺	9000	360	1-3/8	5/8	1430	900	880	1390	600
MCU-15L	☺☺	17440	1200	1-3/8	5/8	1430	900	1080	1390	600

### 外形尺寸图 Dimensional Drawings

