

# LCU 系列风冷制冷机组

## LCU Series Air Cooled Indoor Condensing Unit

# LCU



### 规格及特点 Specifications & Features

名义制冷量: 2 HP 至 15 HP  
Nominal capacity : From 2 HP to 15 HP

应用温度: -5 °C 至 -20 °C  
Application temperature : -5 °C to -20 °C

制冷剂: R404A  
Refrigerant : 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



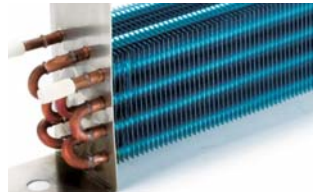
配备 Copeland 涡旋压缩机, 安全可靠, 工作时更静音、更低振动

Copeland Scroll compressor offer versatility and superior performance, with its high efficiency and quiet operation



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

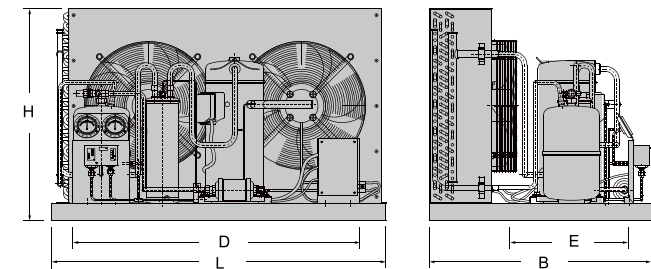
R 404A 应用温度 Application Temperature: -10 °C to -20 °C

型号 Model	制冷量 Cooling Capacity kW			功率消耗 Power Consumption kW		
	蒸发温度 Evaporation Temperature			蒸发温度 Evaporation Temperature		
	-5 °C	-15 °C	-20 °C	-5 °C	-15 °C	-20 °C
LCU-2M	4.23	2.88	2.03	1.86	1.84	1.84
LCU-3M	5.82	3.58	3.37	2.81	2.90	2.56
LCU-4M	6.47	4.58	3.80	3.39	3.17	3.07
LCU-5M	8.23	5.96	5.36	5.40	4.90	4.39
LCU-6M	11.00	7.78	6.06	5.64	5.25	5.21
LCU-8M	14.20	9.90	7.95	7.58	6.94	6.65
LCU-9M	16.50	11.70	9.67	8.19	7.56	7.27
LCU-10M	19.60	14.90	11.50	9.37	8.89	8.19
LCU-13M	22.00	15.50	14.00	12.90	11.70	10.60
LCU-15M	28.00	19.40	15.60	14.80	13.60	13.20

### 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 m <sup>3</sup> /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	B	H	D	E
						mm	mm	mm	mm	mm
LCU-2M	⊕	1800	90	3/4	3/8	600	700	520	550	420
LCU-3M	⊕	3000	120	3/4	3/8	600	700	550	960	420
LCU-4M	⊕⊕	3600	240	7/8	3/8	1010	710	570	960	420
LCU-5M	⊕⊕	6000	240	7/8	1/2	1010	710	570	960	420
LCU-6M	⊕⊕	6000	240	7/8	1/2	1010	710	670	960	420
LCU-8M	⊕⊕	9000	360	1-1/8	1/2	1230	800	680	1180	520
LCU-9M	⊕⊕	9000	360	1-3/8	5/8	1230	800	780	1180	520
LCU-10M	⊕⊕	9000	360	1-3/8	5/8	1230	800	880	1180	520
LCU-13M	⊕⊕	13140	900	1-3/8	5/8	1430	800	980	1380	500
LCU-15M	⊕⊕	17440	1200	1-5/8	5/8	1430	800	1080	1380	500

### 外形尺寸图 Dimensional Drawings



### 包装 Packaging

艾思吉产品采用定制的木箱包装, 更能有效保证产品的安全、防止在长途运输中损坏

ICEAGE units are supplied with wooden packing box. The use of these custom boxes keeping the units safe and secure from damage, and ideal for long way transport

