

CM series Refrigerated Chiller

CM 系列水冷制冷机组



Used for high-tech, precision applications such as photolithographic equipment, where it is used to cool down (or maintain a constant temperature of) the liquid medium.

Thanks to excellent operational adjustments, the condensing unit has an efficient COP, as it controls precise temperature to guarantee the accuracy and stability of high-tech equipment.

应用于光刻机等高端精密机械设备，对设备中流体介质进行降温冷却（或保持恒温）。

通过优良参数匹配与调校，该型制冷机组不仅具备良好的高能效比，更具有优异的控温精度，保证了设备精准、稳定的运行。

Compressor	Nominal Capacity	Evaporating temp.	Condenser	Evaporator
Copeland scroll compressor	Up to 7 HP	-15°C to +10°C	Brazed plate heat exchanger	Brazed plate heat exchanger

FEATURES:

- * Uses Copeland scroll compressor, lower vibration, high efficiency
- * Nominal capacity up to 7 HP; evaporating temp. -15°C to +10°C
- * The brazed plate heat exchanger as condenser and evaporator is durable, compact and low cost to operate
- * Unique thermal protector monitors compressor discharge temperature, stop compressor if the discharge temperature exceeds set value. This helps prevent burnout under severe operating conditions or extended use
- * Stainless steel base plate contains quality components; the standard package includes liquid receiver, suction line accumulator, filter drier and sight glass

- * 配备谷轮涡旋压缩机，振动更小且能效更高
- * 名义制冷量最高可达 7 HP，应用蒸发温度范围 -15°C to +10°C
- * 机组的冷凝器和蒸发器采用焊钎板式换热器，相比传统铜管翅片式换热器具有可靠性高、结构紧凑体积小、使用成本低等优点
- * 在压缩机排气端加装特制热保护器用以监控压缩机工作时的排气温度，当排气温度超过设定值时，热保护器可以使压缩机强制停机，以避免压缩机过热烧毁。如此制冷机组在恶劣工况和长时间工作的条件下其安全性得以保障
- * 不锈钢底板，精选知名品牌优质管路配件，标配储液器、气液分离器、过滤器和视镜，还可根据用户实际应用需求定制开发