

CH series Refrigerated Chiller

CH 系列水冷制冷机组



Specially designed for laser (welding and cutting) machines, to cool liquid medium and ensure stability of operating temperature stability.

Extendable port design for additional parallel evaporator, the cooling system can be equipped to use two laser machines simultaneously.

专为激光（焊接、切割）等设备特别设计，对设备中介质高效降温冷却，确保设备工作温度的稳定。预留扩展接口，可根据需求额外并联一套蒸发器，最多可同时为两台激光设备提供制冷。

Compressor	Nominal Capacity	Evaporating Temp.	Condenser	Evaporator
Tecumseh recip. compressor	Up to 7 HP	-15°C to +10°C	Brazed plate heat exchanger	Brazed plate heat exchanger

FEATURES:

- * Equipped with Tecumseh reciprocating compressor for superior dependability
- * 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
- * Extensible port design for additional parallel evaporator
- * 配备泰康活塞式压缩机，优异的高可靠性及耐久性
- * 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
- * 预留扩展接口，可根据使用需求并联加装一组蒸发器