

STEAM WATER BATH VAPORIZER

M20 SWV

蒸汽水浴式汽化器

CRYOEVEN® steam sparged water bath vaporizers offer a safe and reliable gases supply for continuous or standby operation

CEE科立云®设计投产安全可靠的气体连续或者后备运行蒸汽加热水浴式汽化器系统产品

The vaporizer use heat energy coming from steam to vaporize cryogenic liquefied gases. Cryogenic fluid and liquefied gases are vaporized and superheated in tubes immersed in the hot water bath. The water bath temperature is maintained by feeding steam through custom variable spargers. Per the client option, an complete steam control train can be a part of the package that includes a control valve, strainer and steam drip trap. Condensate is recovered or sent to drain through a provided overflow connection.

汽化器是利用来自蒸汽的热量对低温液化气体进行汽化。低温流体和液化气体在浸没在热水浴中的管子内被汽化升温。蒸汽通过定制喷射头分布在水中保持水浴温度根据客户选择，完整的蒸汽控制系统可以作为整体一并被供应，其中包括蒸汽控制阀门，过滤器和疏水器。冷凝水被回收或者通过溢流口排掉。



CEE sustainable vaporization technology for our better world
CEE科立云®可持续汽化方案让我们世界更美好

The water bath provides a large thermal mass that reduces peak steam demand and also reduces thermal stress, extending the life of the tube bundle. Standard units come with a about 3 minute ballast time with optional ballast times up to 30 minutes for operation even during steam interruptions.

水浴提供大的热量来减少峰值蒸汽的需要和也减少温度应力，延长管束生命周期。标准水浴延迟时间约为3分钟，作为选项维持蒸汽间断运行水浴延迟时间可以设计长至30分钟。

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All the vaporizer units are fully workshop tested to ensure they reach their quality requirements and offer total reliability.

所有的汽化系统是全面车间检测确保实现质量要求和整体可靠性。

The vaporizer is built as move free, which meets the different location applications.

汽化器建造成可拆移结构，能满足不同应用位置迁移。

● Standard Features

标准配置

- Stainless steel removable tube bundle
- Carbon steel water bath tank with 3 minutes ballast
- Carbon steel steam distribution pipe end with steam spargers
- Temperature gauge
- Temperature sensor for DCS water bath temperature control
- Magnetic plate level meter with low level alarm signal
- Water recirculating pump system

● Options

选项

- Steam control system
- Stainless steel tank
- Tank insulation
- Tube bundle made from Hasteloy, Monel or Titanium
- Liquid bypass for process temperature control
- Pressure build circuit
- Multiple coil bundles in same tank