

ELECTRIC HEATING CONDUCTION VAPORIZER

M30 ECV

电加热固态介质导热汽化器

CRYOEVEN® ECV 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电加热固态导热介质汽化器系统产品

Our electric conduction vaporizers utilize resistance elements as a source of heat while keeping cryogenic fluids vaporized and superheated.

电加热汽化器利用电热源来保持低温流体汽化器和加热。

The unit is including of heat exchanging tube bundle, conduction heat transfer media, electric immersion heaters, and complete control system for maintaining temperature.

装置包含换热管束，固态导热介质，电加热单元，和维持设定温度的完整控制系统。

The vaporizer provides nearly 100% efficiency at all operating points regasification for cryogenic or refrigerated gases fluid such as LNG, Liquid Nitrogen, Liquid Oxygen, Propane, Ethylene and Butane.

汽化器设计和运行提供近100%效率用于低温或者冷流体如液化天然气、液态氮气、液态氧气、丙烷和乙烷的再汽化。



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



Advantages

优势

LONG LIFE AND LOWER OPEX

长寿命和较低运行成本

Without water problem of electric heating water bath product, it is no maintenance cost for long life period.

没有电加热水浴产品的水浴维护问题，在长生命周期内没有运行维护成本。

SHANGHAI OFFICE

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QUICK START AND REAL-TIME ONLINE

启动迅速和实时在线

The unit can realize quick start with conduction heat transfer from heating element and real-time online under switching on status.

设备具备传导传热可以实现快速启动和保持开机状态的实时在线。

ENVIRONMENTAL PROTECTION AND NO CORROSION TROUBLE

环保和无腐蚀问题

Without water solution as heating media, the unit features no corrosion trouble and environmental protection obviously.

没有水溶液作为中间加热介质，设备具有显而易见的没有腐蚀问题和环境保护。

Standard Features

标准配置

- Adjustable gas temperature
- Fully auto automatic operation
- Compact design
- High block temperature limit switch for safety
- The unit comes fully factory wired, tested and ready to install
- Built in conformance with ASME B31.3 Process Piping Code

Options

选项

- Safety Low Temperature Shutdown Controller and Valve (LTCO)
- Additional vaporization circuit for pressure building
- Solid State SCR power control for step-less, proportional power, close temperature tracking and prolonged heater life
- Gas outlet temperature from -250°F to 500°F
- Design pressure to 15,000 PSIG
- Low temp output shut down valve and controller
- High purity, electro-polished units
- Explosion proof units

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