



**CRYOEVEN® HEAT TRANSFER-CEE科立云®汽化器**

**COMBUSTION WATER BATH VAPORIZER**

**M50 CWV**

**燃烧水浴式汽化器**

CRYOEVEN® CWV 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后备运行燃烧水浴式汽化器产品

The CWV (SCV w. cryonorm) unit comes integrated with fuel train, burner, blower, ASME code tube bundle, water bath shell and control system. The burner and blower are mounted in a weather protective shed.

燃烧水浴式汽化器由燃料供应系统、燃烧器、风机、管束、水罐和控制系统组成。燃烧器和风机被安装在防水室内。

A vaporizing tube bundle is submerged in water bath. The water bath is indirectly heated and temperature controlled by hot combustion gases flowing through the submerged fire tube.

汽化管束浸没在水浴里。水浴被流经浸没水里的燃烧气管路的热燃烧气间接加热和控制温度。

Allowable fuels include natural gas, fuel oil, propane and butane.

燃料可为天然气，燃油，丙烷和丁烷等。



*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 vaporizer design can offer heat transfer efficiencies in the tube bundle and providing highly efficient 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更高效率的再汽化过程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，并能较高的换热效率。

We keep improving the design to achieve lower NOx levels. Allowable fuels include natural gas, fuel oil, propane and butane.

我们持续改善设计，以期获得更低的二恶英排放水平。可以使用的燃料包括天然气、燃料油、丙烷和丁烷。

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All the vaporizer units are fully site commissioned to ensure they reach their load requirements and offer total reliability.

所有的汽化系统是全面现场调试确保实现设计负荷和整体可靠性。

The vaporizer can be built as permanent or mobile unit, which meets the offshore applications.

汽化器可能建造成固定单元和移动单元，能满足离岸应用。

## ● **Standard Features**

### **标准配置**

- Auto-fill water level switch & valve
- Fully assembled with gas pipe train, blower and burner automatic control system
- Explosion proof electrical cabinet
- Stainless steel removable tube bundle
- Temperature gauge and transmitters
- Vent/Man-way with flapper
- fuel train and controls

## ● **Options**

### **选项**

- Low NOx emission combustion systems
- Tube bundle made from Hasteloy, Monel & Titanium
- Extra back-up burner, steam or electric available in the same unit
- Oversized tanks for 30 minutes to 2 hours ballast
- Tank Insulation
- Pressure build circuit
- Trailer mounted mobile units
- Digital Output to DCS
- Access Walkways and Catwalks

#### **SHANGHAI OFFICE**

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