Passivated Flash Vaporizer - Pressure Regulator

For Liquid CO₂ Vaporization & Sampling Operations

Key Benefits

- Rugged, compact, SilcoTek® passivated Liquid CO₂ Flash vaporizer - pressure regulator (VPR) designed to properly perform routine ISBT/CGA/EIGA sampling functions. SilcoTek® passivation prevents wall-adsorption or thermocatalytic - decomposition problems that can be experienced with volatile sulfur compounds & other important LCO₂ impurities.

- The VPR-HF series is used for several routine No-Haz sampling applications (ex. Flash Vaporized sample transfers into gas sampling bags or minicylrs) or to supply vaporized sample gas from large storage containers to analyzer systems via transfer lines.

- VPR-HF models can be equipped with 1/4" or 3/8" compression (tube) inlet ports, or special male high flow quick connect fittings. All models include an internal flow control orifice, 1,900 psig (13,100 kPag) pressure relief assembly, thermal core insulation, protective heat shield case, passivated pressure regulator & outlet ball valve.

Vaporizer Pressure Regulator - Angle

*For connecting small sample cylinders (ex. 1L) to test equipment or analytical systems (1/4" inlet recommended).

Vaporizer Pressure Regulator - Straight

*For temporary outdoor connections to rail car, storage tank, tank truck, or 20 lb. / 5.9L sample cylinders for No-Haz based sampling programs (Quick Connect or 3/8" inlet is recommended).

A-Version (Dual Stage Regulator)

S-Version (Single Stage Regulator)

FlashBox™

Inlet Filter Cartridge

Left Side Port Inlet Configuration (3/8" or 1/4")

FlashBox™ With Back Brace Assembly

FlashBox™ With Leg Brace Assembly

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