

Passivated Flash Vaporizer - Pressure Regulator

FOR LIQUID CO₂ VAPORIZATION OPERATIONS

PRODUCT BRIEF
LIQUID CO₂ No-Haz SAMPLING

KEY BENEFITS

- Rugged, compact, sulfonert passivated Liquid CO₂ Flash Vaporizer with pressure regulator to properly perform routine **ISBT / CGA / EIGA** sampling and testing functions.
- The VPR-HF series is specifically designed for routine *No-Haz* sampling applications (ex. Flash Vaporized sample transfers into polybags or minicyls) or to supply sample gas to analyzer systems.
- All sample-contacting parts in these rugged units are SilcoNert[®] passivated Stainless Steel. This treatment prevents wall-adsorption or thermocatalytic - decomposition problems that can be experienced with volatile sulfur compounds and other important LCO₂ impurities.
- All VPR-HF versions are equipped with 1/4" or 3/8" compression (tube) inlet ports, an internal flow control orifice, 1900 psig (13,100 kPag) pressure relief device for operational safety, thermal core insulation, protective heat shield case, 2-stage passivated pressure regulator and outlet ball valve.



A-VERSION (DUAL STAGE REGULATOR)



S-VERSION (DUAL STAGE REGULATOR)



S-VERSION (SINGLE STAGE REGULATOR)

VAPORIZER PRESSURE REGULATOR - ANGLE

- Recommended for connecting (ex.-1L) sample cylinders to analytical test equipment.

MODELS:

VPR-HF-120-A25-P-D (Passivated, Dual Stage)
Power: 120V, 50/60 Hz, 200 Watts, 1.67 Amps
Delivery Pressure: 0 to 25 psig

VPR-HF-230-A25-P-D (Passivated, Dual Stage)
Power: 230V, 50/60 Hz, 200 Watts, 0.90 Amps
Delivery Pressure: 0 to 25 psig

*Recommend purchasing optional universal plug adaptor for 230V units.

VPR-HF-120-A100-P-D (Passivated, Dual Stage)
Power: 120V, 50/60 Hz, 200 Watts, 1.67 Amps
Delivery Pressure: 0 to 100 psig

VPR-HF-230-A100-P-D (Passivated, Dual Stage)
Power: 230V, 50/60 Hz, 200 Watts, 0.90 Amps
Delivery Pressure: 0 to 100 psig

*Recommend purchasing optional universal plug adaptor for 230V units.

VAPORIZER PRESSURE REGULATOR - STRAIGHT

- Recommended for temporary connections to rail car, storage tank or tank truck for *No-Haz* based sampling programs.

MODELS:

VPR-HF-120-S100-P-D (Passivated, Dual Stage)
Power: 120V, 50/60 Hz, 200 Watts, 1.67 Amps
Delivery Pressure: 0 to 100 psig

VPR-HF-230-S100-P-D (Passivated, Dual Stage)
Power: 230V, 50/60 Hz, 200 Watts, 0.90 Amps
Delivery Pressure: 0 to 100 psig

*Recommend purchasing optional universal plug adaptor for 230V units.

VPR-HF-120-S100-P (Passivated, Single Stage)
Power: 120V, 50/60 Hz, 200 Watts, 1.67 Amps
Delivery Pressure: 0 to 100 psig

VPR-HF-230-S100-P (Passivated, Single Stage)
Power: 230V, 50/60 Hz, 200 Watts, 0.90 Amps
Delivery Pressure: 0 to 100 psig

*Recommend purchasing optional universal plug adaptor for 230V units.



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