

Passivated Flash Vaporizer - Pressure Regulator

FOR LIQUID CO₂ VAPORIZATION & SAMPLING OPERATIONS

LIQUID CO₂ No-HAZ SAMPLING
PRODUCT BRIEF

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 minicyls) 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 a 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.

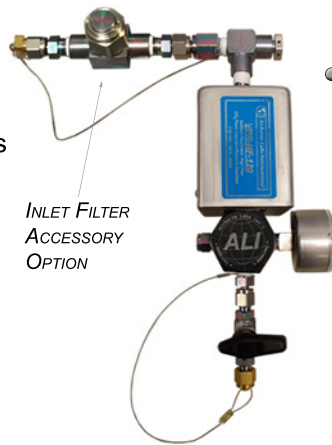
VAPORIZER PRESSURE REGULATOR - ANGLE



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

A-VERSION
(DUAL STAGE REGULATOR)

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).

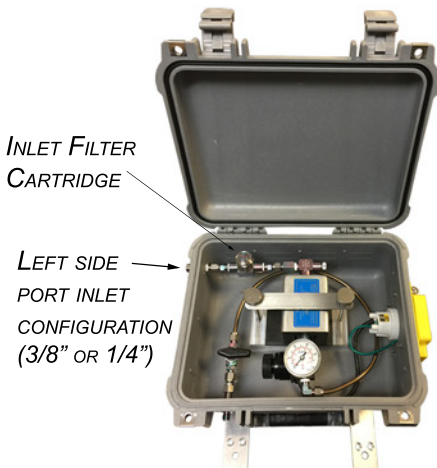
*Non-passivated models are also available (VPR-HF-120-S100-SS / VPR-HF-230-S100-SS)

S-VERSION
(SINGLE STAGE REGULATOR)

Model No.:	VPR-HF-120-A100-P	VPR-HF-230-A100-P	VPR-HF-120-S100-P	VPR-HF-230-S100-P	VPR-HF-120-S100-SS	VPR-HF-230-S100-SS
Power Usage:	120V, 50/60Hz 200 Watts, 1.67 Amps	230V, 50/60Hz 200 Watts, 0.90 Amps	120V, 50/60Hz 200 Watts, 1.67 Amps	230V, 50/60Hz 200 Watts, 0.90 Amps	120V, 50/60Hz 200 Watts, 1.67 Amps	230V, 50/60Hz 200 Watts, 0.90 Amps
Delivery Pressure / Stage:	0 - 100 psig* / Dual Stage	0 - 100 psig* / Dual Stage	0 - 100 psig / Single Stage	0 - 100 psig / Single Stage	0 - 100 psig / Single Stage	0 - 100 psig / Single Stage

*0 - 25 psig delivery available for connecting to Sensory Test equipment

FLASHBox™



INLET FILTER
CARTRIDGE

LEFT SIDE
PORT INLET
CONFIGURATION
(3/8" OR 1/4")

FLASHBox™

FOR PERMANENT OUTDOOR VPR-S SERIES USE
(NP VERSION ALSO OFFERED)

BACK SIDE PORT INLET
CONFIGURATION (3/8" OR 1/4")



FLASHBox™ WITH
BACK BRACE ASSEMBLY



FLASHBox™ WITH
LEG BRACE ASSEMBLY



ISO / IEC 17025:2005 Accredited Laboratory

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