AMBENT AIR VAPORIZER
FOR LIQUID CYLINDER APPLICATIONS

Model D8A-3M connected to liquid cylinder.

STANDARD FEATURES

- 1,200 SCFH rating for N2, O2, Ar (intermittent service)
- 28 lb/hr rating for CO2 @ 300 psig (intermittent service)
- Each unit is cleaned, sealed and tagged for Oxygen service
- 600 PSIG MAWP standard
- Compliant with ASME B31.3 and carries CRN for all Canadian Provinces.
- Can be used free standing or hung form the cylinder.
- Ships fully assembled, tested and ready to use
- In stock, ready to ship

OPTIONS

- Cryogenic Flex Hose and Pressure Relief Valve are available in Installation Kits, P/N 11630809 for Inert service (N2/AR) and P/N 11630817 for Oxygen service.

Chart's Dura-cyl and Cryo-cyl liquid cylinders come equipped with an internal vaporizer to provide gas for various applications. But when increased flow rate is needed, use the D8A-3M to economically boost gas withdrawal rates.

The vaporizer quickly connects directly to the liquid withdrawal connection and uses the warm ambient air to add more gas flow. Flow rate and pressure can remain constant.
Typical Installation

- Liquid cylinder with liquid shut off valve
- Gas Outlet 1/2” FPT
- Vaporizer Liquid Inlet 1/2” FTP
- Optional pressure relief valve (550 psig)
- Liquid withdrawal connection
- Optional Cryogenic Flex Hose

D8A-3M Vaporizer

WARNING

SHIPPED INDIVIDUALLY IN A FIBER DESIGN BOX WITH STAMPING

GENERAL NOTES:
1. DESIGN PRESSURE: 300 PSI (2070 kPa) ASME VIII DIV 2
2. DESIGN TEMPERATURE: -420 °F (-253 °C) ASME VIII DIV 2
3. TEST PRESSURE: 450 PSI (3100 kPa)
4. TEST TEMPERATURE: -420 °F (-253 °C) ASME VIII DIV 2
5. MATERIAL OF CONSTRUCTION: ALUMINUM
6. DRY WEIGHT: 80 lbs (36 kg)
7. SHIPPED INDIVIDUALLY IN A FIBER DESIGN BOX WITH STAMPING

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