

MODEL

DC XP Air Pump

APPLICATIONS

This compact unit, depending on pump supplied, will supply 10–15 psig air for dilution systems or low-pressure streams to feed an analyzer. The standard pumps are offered in two sizes: low flow/low power or high flow/high power configurations. Custom sizes are also available upon request.

SPECIFICATIONS

- low-flow: 0.1–0.3 liters/min over 0–10 psig discharge
- high-flow: 0.4–4 liters.min over 0–15 psig discharge
- low-flow: 12 VDC @ 0.15 Amps (<2 watts continuous)
- high-flow: 12 VDC @ 0.65 Amps (<8 watts continuous)
- Operating temperatures: 5–50°C
- Rated up to 20,000 hours
- Class 1, Div 1 Group C & D

MODEL

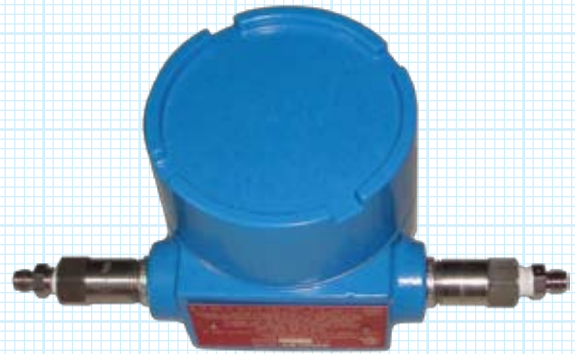
Dilution Probe

APPLICATIONS

Permeable membrane diluters built by Envent will dilute the H₂S concentration in a sample stream into a clean H₂S-free carrier gas from 6.5 up to 5,000:1. The carrier gas can be fuel gas, nitrogen, or instrument air. In the case of vent lines or low-temperature stacks, a dilution probe with the same membrane can be cost-effective and only see clean gas with trace H₂S. This will mean a cleaner analyzer and longer tape life

SPECIFICATIONS

- pressure: 1.5 psig maximum
- operating temperature: 0–250°F
- dilution ration 6.5:1 to 5,000:1
- connection: 2" NPT



XP Air Pump



XP Air Pump with cover removed



Dilution Sample Probe