

Whisper Valve

Silenced Cryogenic Safety Relief Valve

MISCELLANEOUS EQUIPMENT

Description: The Whisper Valve is a silenced safety device for use with cryogenic containers.

The valve solves the problem of the loud noise, over 100 dB, associated with the activation of the relief valve in cryogenic containers containing nitrogen, argon or carbon dioxide. Many users of gas in cryogenic containers complain to their suppliers that the loud activation noise scares their employees and causes work disruptions and results in damaged product.

The Whisper Valve is easily installed on the vent valve of any cryogenic container and silently relieves the container pressure slightly below the normally installed relief valve. Whisper Valve reduces the relief of gas pressure at a noise level of less than 40–50 dB, for reference the average library noise level is 40 dB.

The Whisper Valve also reduces the gas losses of your cryogenic container to less than 48 cubic feet over 24 hours.

Whisper Valves are available in four settings, 22 psig, 230 psig, 350 psig, and 500 psig.



Whisper Valve takes the “pop” out of cryogenic safeties

Design Features

- Reduces cryogenic relief valve blow-off noise to less than 40 dB
- Easily installs on any cryogenic argon, nitrogen or carbon dioxide container
- Available in four ranges to prevent most container noisy blow-offs
- Reduces gas losses to less than 48 cubic feet per 24 hours
- Convenient wall mount kit available
- Standard CGA 295 inlet connection (CGA 440 for oxygen)

Ordering Information

Product Number	Description
Y36-863622	Whisper valve for cryogenic containers with 22 psig relief settings
Y36-8636230	Whisper valve for cryogenic containers with 230 psig relief setting
Y36-8636350	Whisper valve for cryogenic containers with 350 psig relief setting
Y36-8636500	Whisper valve for cryogenic containers with 500 psig relief setting
Y36-8636MKT	Wall mount bracket, panel mount nut, and 6-foot hose with CGA 295
Y36-863602230	For oxygen 230 psi relief (CGA 440)
Y36-8636350320	For CO ₂ (CGA 320) 350 psi relief