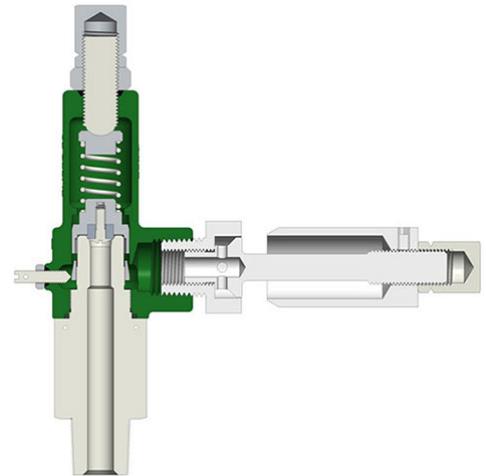


# FSW Series SAFE-T Whistle



Compact, Low Profile



Rugged, Simple, & Efficient Design



Extended, Omnidirectional Sound Levels



Broad Pressure Range



Minimal Product Loss



Intermittent or Continuous Flow Modes



Economically Priced

The Flow Safe FSW Series SAFE-T Whistle is designed to provide an audible signal of a system overpressure or upset condition, at a specific pressure. It is designed to operate independently or with the Flow Safe F80M Series safety relief valves.

When provided as a standalone whistle, sound levels greater than 100 dBA, typically 105-108, can

be expected at 30 feet depending on the pressure. When provided with an F80M, noise levels of approximately 90 dBA can be expected at 30 feet. The outer bell housing sleeve can be adjusted to optimize the sound level. Because of its design and construction, sound levels are inherently omnidirectional, with the actual maximum levels at approximately 45-90° from the source.

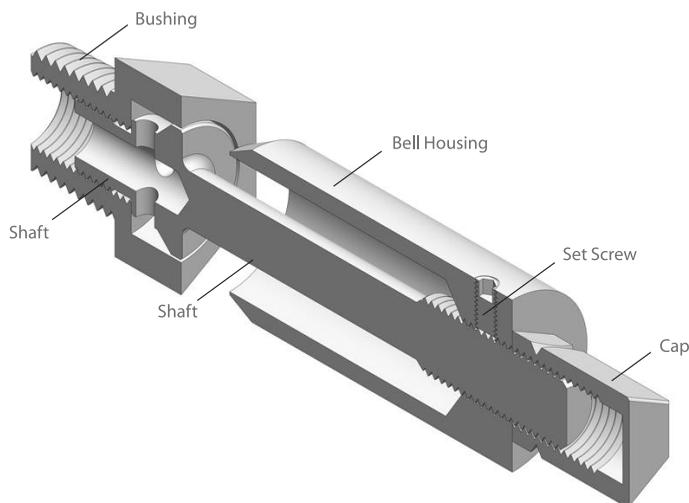
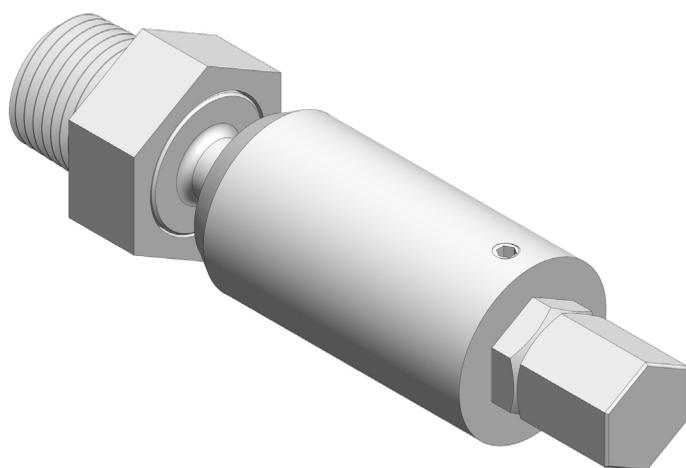
Clean, unrestricted gas is important for proper performance. Inlet piping must be of sufficient ID to provide unobstructed, continuous flow through the whistle. Undersized piping and/or dirty gas will result in poor whistle performance. For best results, it is recommended that the whistle be installed higher than surrounding buildings and structures.

When the provided with an F80M, whistles can be set to provide audible warning at a predetermined pressure at the factory, or easily adjusted in the field.

The whistle will signal an **intermittent** mode, at approximately 300 signals/minute. This minimizes product loss while at the same time providing an audible signal. When provided without an F80M as a standalone product, the whistle signals in a **continuous** mode.

Whistles are of heavy duty, high quality, brass or stainless steel construction, with a 1/2" male NPT connection.

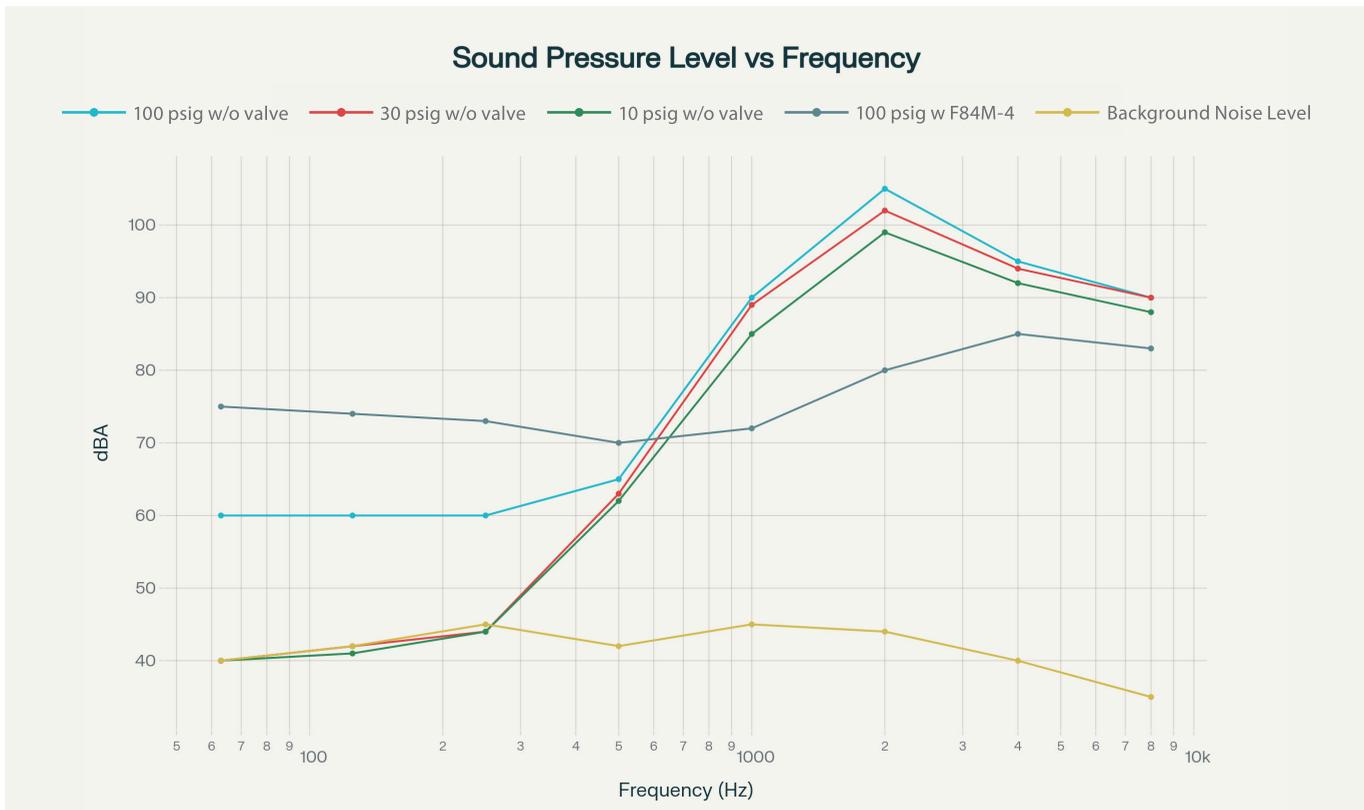
## SPECIFICATIONS:



CONSTRUCTION:	Pressure Range		Inlet Connection	Whistle Weight (oz)
	With F80M	Whistle Only		
Material	With F80M	Whistle Only	Inlet Connection	Whistle Weight (oz)
Brass	30/350	10/740	1/2" Male NPT	12 oz.
Stainless Steel	30/350	10/1480	1/2" Male NPT	16 oz.

# PERFORMANCE:

The chart below represents generic sound levels measured at Flow Safe, Inc. from air flowing through an F80M-4 equipped with a SAFE-T whistle and a standalone SAFE-T whistle. Actual results may vary depending on the type of gas, the valve size, and the surrounding environment.



For sound levels at a distance different than 30 feet, the following equation can be used:

$$L_r = L_{30} - 20 \log_{10}(r/30)$$

$r$  = distance from source (ft)

$L_r$  = sound level at distance (dBA)

$L_{30}$  = sound level at 30 feet (dBA)

## IMPORTANT NOTE:

The SAFE-T Whistle, regardless of whether it is provided as a standalone product or in tandem with an F80M, is NOT an overpressure protection device. Therefore it is not ASME UV designator-stamped. The end user is responsible for ensuring that their systems have adequate overpressure protection devices separate from the supplemental audible SAFE-T Whistle.

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