

High Pressure Carbon Dioxide

Sealed Nozzle With Strainer

Description

The sealed nozzle is used primarily in ducts and enclosed machinery spaces. The seal portion of the nozzle is a combination line seal and strainer unit. It is used to prevent dirt or vapors from entering the system piping and also to function as a strainer for the system piping. On operation of the carbon dioxide system, the high pressure of the gas released from the cylinders ruptures the thin sealing disc,

allowing an unobstructed flow of gas to the internal discharge nozzle.

The advantage of the sealed nozzle is that it does not require disassembly of the system piping to clean the strainer or replace a ruptured sealing disc. This is accomplished by removing the hex cap on the nozzle.

Component	Material	Thread Size/Type	Orifice Size	Approvals
Sealed Nozzle	Body: Brass Strainer: Monel	1/2 in. NPT Female (inlet and outlet)	2 through 7	UL (EX-2968); Listed for use with FM Approved systems

Shipping Assembly Part No.	Description	Orifice Code
426102	Sealed nozzle with strainer	2 – 7
45699	Replacement Seal (Package of 10)	

Note: When ordering, specify orifice code required: Example – Part No. 426102 – 2.5.

