

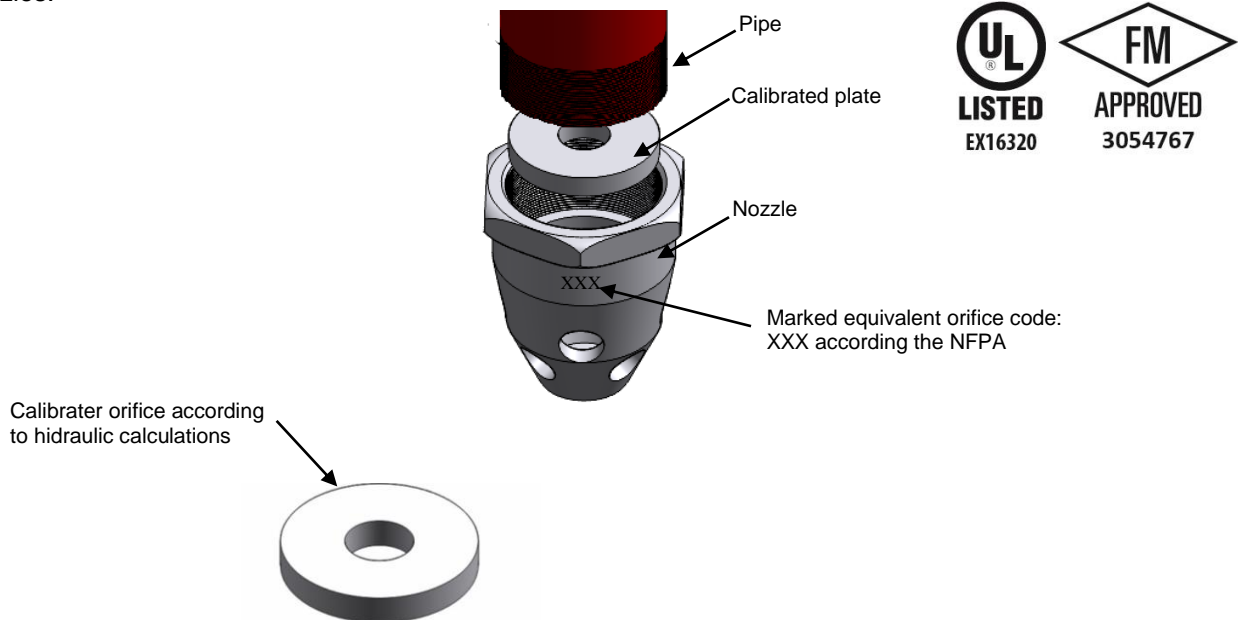
## CALIBRATED PLATE POPCXXX

### Description

The calibrated orifice is located inside the discharge nozzles in order to control the exact amount of gas to be discharged. As its name indicates, it is a circular plate with a central orifice calibrated according to the hydraulic calculations (calculation software). The equivalent orifice code is marked on one side of the nozzle, this equivalent orifice is given by the NFPA and the hydraulic calculations.

Calibrated orifices must be fitted into every nozzle which is connected to cylinders or banks of cylinders with more than one nozzle to protect one or more hazard areas.

In modular cylinders with a single nozzle, it is not necessary to use a calibrated orifice. Nor are they necessary in pre-engineered and balanced systems with 2 or 4 nozzles, provided that the distances and requirements of those systems are complied with. They are supplied from the factory assembled in the nozzles.



### Technical information

CALIBRATED PLATE POPCXXX	
Material	Inox steel AISI 304 and Brass
Types according to the nozzle	From 3/8" BSP to 2 1/2" BSP
Outlet diameter	Adjusted to nozzle size
Calibrated orifice diameter	According to the hydraulic calculations
Exist restrictor in the instalation	NO
Approvals	UL-EX16320 FM-3054767

CALIBRATED PLATE POPCXXX			
BRASS		INOX STEEL AISI 304	
POPC10B	3/8" BSP	POPC10I	3/8" BSP
POPC15B	1/2" BSP	POPC15I	1/2" BSP
POPC20B	3/4" BSP	POPC20I	3/4" BSP
POPC25B	1" BSP	POPC25I	1" BSP
POPC32B	1 1/4" BSP	POPC32I	1 1/4" BSP
POPC40B	1 1/2" BSP	POPC40I	1 1/2" BSP
POPC50B	2" BSP	POPC50I	2" BSP
POPC65B	2 1/2" BSP	POPC65I	2 1/2" BSP

WARNING: This type of Calibrated plate POPCXXX is manufactured and approved to be used in fixed extinguishing installations with CO2 Gas. This product is not designed for other use or purpose. If product user has any doubt regarding the application or product use, please contact +34 947 28 11 08. Every not approved use or application or / and any other not approved modification of the product or its function may cause serious accidents or / and personal damages. SIEX 2001 S.L. is not responsible for any non-approved use of the application.

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