

DISCHARGE NOZZLE 180° FEDRxxxxx

Description

The nozzles model FEDR for fixed extinguishing systems by IG-541 serves to discharge the extinguishing agent within the protected zone making a proper distribution of the extinguish agent flows.

Are used in systems for the protection by total flood, not being used in local applications.

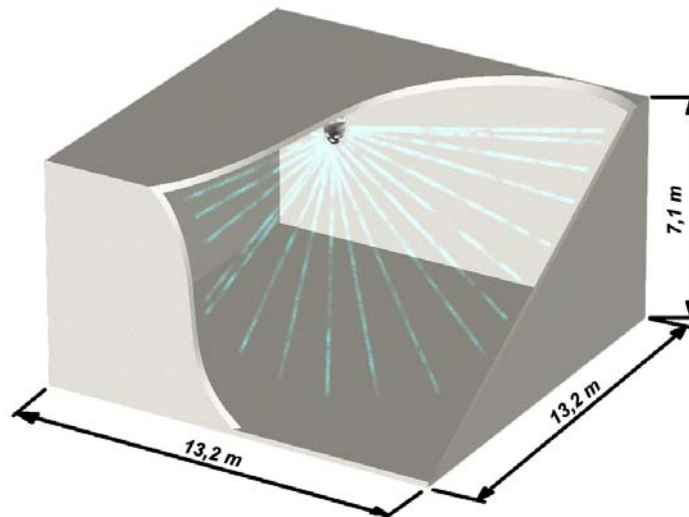
They are threaded to the discharge pipe in a vertical position and they can be 180° with a connection thread from 3/8" BSP to 2 1/2" BSP.

The 180° radial ones do it just in a half of the circle. The 180° nozzles are generally installed on the walls of the hazard.

These discharge nozzles have a limitation of maximum height of 7.1m and a limitation of maximum coverage area of 13.2 x 13.2m.

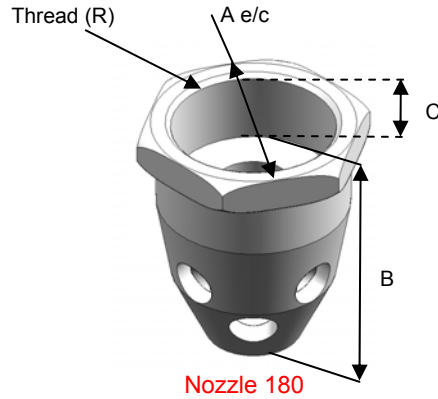


Nozzle 180°



Technical information

NOZZLES MODEL FEDR FOR IG-541	
Material	Carbonated steel / Inox Steel AISI 303 or 316 / Aluminium* / Brass
Inlet and Outlet Finish	Zinc-niquel (Only the manufactured in carbonated steel)
Thread connection to the pipe (Female thread)	From 3/8" BSP to 2 1/2" BSP
Nozzle 180°	7 orifices at 2 levels
Exist restrictor in the installation	YES
The threads connections comply with the International standards ISO 7-1 or ISO 228-1	YES
Approvals	UL-EX26559 FM-3055956



NOZZLES 180° - CARBONATED STEEL						
MODEL	Thread connection (R)	No. of orifices	Orifices Ø (mm)	Length Ex. A e/c (mm)	Length B (mm)	Length C (mm)
FEDR10180	3/8" BSP	8	4	24	35.5	14
FEDR15180	1/2" BSP	8	5.5	30	42.1	16
FEDR20180	3/4" BSP	8	7.5	40	54	18
FEDR25180	1" BSP	8	9	46	59	19
FEDR32180	1 1/4" BSP	8	11.5	55	67	21
FEDR40180	1 1/2" BSP	8	14	60	73	22
FEDR50180	2" BSP	8	18	72	87	27
FEDR65180	2 1/2" BSP	8	18	85	90	30

NOZZLES 180° - ALUMINIUM*						
MODEL	Thread connection (R)	No. of orifices	Orifices Ø (mm)	Length Ex. A e/c (mm)	Length B (mm)	Length C (mm)
FEDR10180A	3/8" BSP	8	4	24	35.5	14
FEDR15180A	1/2" BSP	8	5.5	30	42.1	16
FEDR20180A	3/4" BSP	8	7.5	40	54	18
FEDR25180A	1" BSP	8	9	46	59	19
FEDR32180A	1 1/4" BSP	8	11.5	55	67	21
FEDR40180A	1 1/2" BSP	8	14	60	73	22
FEDR50180A	2" BSP	8	18	72	87	27
FEDR65180A	2 1/2" BSP	8	18	85	90	30

NOZZLES 180° - BRASS						
MODEL	Thread connection (R)	No. of orifices	Orifices Ø (mm)	Length Ex. A e/c (mm)	Length B (mm)	Length C (mm)
FEDR10180B	3/8" BSP	8	4	24	35.5	14
FEDR15180B	1/2" BSP	8	5.5	30	42.1	16
FEDR20180B	3/4" BSP	8	7.5	40	54	18
FEDR25180B	1" BSP	8	9	46	59	19
FEDR32180B	1 1/4" BSP	8	11.5	55	67	21
FEDR40180B	1 1/2" BSP	8	14	60	73	22
FEDR50180B	2" BSP	8	18	72	87	27
FEDR65180B	2 1/2" BSP	8	18	85	90	30

NOZZLES 180° - INOX STEEL AISI 303

MODEL	Thread connection (R)	No. of orifices	Orifices Ø (mm)	Length Ex. A e/c (mm)	Length B (mm)	Length C (mm)
FEDR10180I	3/8" BSP	8	4	24	35.5	14
FEDR15180I	1/2" BSP	8	5.5	30	42.1	16
FEDR20180I	3/4" BSP	8	7.5	40	54	18
FEDR25180I	1" BSP	8	9	46	59	19
FEDR32180I	1 1/4" BSP	8	11.5	55	67	21
FEDR40180I	1 1/2" BSP	8	14	60	73	22
FEDR50180I	2" BSP	8	18	72	87	27
FEDR65180I	2 1/2" BSP	8	18	85	90	30

NOZZLES 180° - INOX STEEL AISI 316

MODEL	Thread connection (R)	No. of orifices	Orifices Ø (mm)	Length Ex. A e/c (mm)	Length B (mm)	Length C (mm)
FEDR10180I316	3/8" BSP	8	4	24	35.5	14
FEDR15180I316	1/2" BSP	8	5.5	30	42.1	16
FEDR20180I316	3/4" BSP	8	7.5	40	54	18
FEDR25180I316	1" BSP	8	9	46	59	19
FEDR32180I316	1 1/4" BSP	8	11.5	55	67	21
FEDR40180I316	1 1/2" BSP	8	14	60	73	22
FEDR50180I316	2" BSP	8	18	72	87	27
FEDR65180I316	2 1/2" BSP	8	18	85	90	30

*Note: In option exists the same aluminium nozzle but with a hard anodized coating in order to be installed in highly corrosive environments. If this option is desired, put an HA after the code when order it (FEDRxxAHA)

* This is not part of the FM Approval.

WARNING: This type of discharge nozzle 180° FEDRxxxxx, is manufactured and approved to be used with IG-541 Gas. These products are 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.

IMPORTANT: SIEX 2001 S.L. reserves the right to change or modify without previous notice any data or specification due to changes or modification in order to improve the products presented.