

Description

The TROX 'PFS' Diffuser is designed as a swirl diffuser with a perforated square face that fits onto a standard 600mm by 600mm T-bar ceiling, suitable for supply and return air application. It comes in only ONE size. But it can be supplied with blanking plates fitted to the rear of the diffuser face to reduce the air flow rate if required. This diffuser is designed to provide a radial air flow discharge pattern with high induction.



Recommended Mounting Height

2.6 to 4.0 m high

Performance Data

Type	Air Flow (l/s) ²	ΔP (Pa)	NC Level	SPL in dB(A)
PFS – V*	121	15	NC 33	38
	140	20	NC 38	44
	149	25	NC 42	47
PFS – F*	139	15	NC 31	37
	161	20	NC 33	39
	181	25	NC 39	44

Notes:

*1. 'V' with "VDW/600-24" and 'F' with "FD/600" swirl diffuser, both for supply air application. For return air application the product type should read 'PFS – 0'

2. The air flow data given above is 'PFS' diffuser without blanking plate.

Order Code

PFS - V / 0 / Z - H - M - I0 / P1 / RAL 9006

Product Type

Blanking plate

0 – None
1 – Size 1
2 – Size 2
3 – Size 3
4 – Size 4

Data not available at this moment

Application

Z – Supply
A – Extract (i.e., Type 'PFS – 0')

Powder coating finish:

P1 – Non-standard colour
0 – RAL 9010, matt white
(Standard supply)

Internal Lining:

I0 – Without internal lining
(Standard supply)
I1 – 6 mm rubber foam
I2 – 25 mm fibre glass lining

M – With volume control damper

V – Plenum with top inlet spigot
H – Plenum with side inlet spigot

Note: For further details, please refer to TROX Product Information sheet Ref. PI M 2/4.1/EN/--.