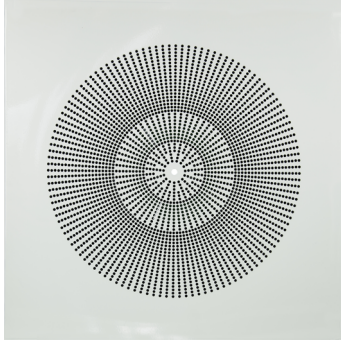


DFIP

Impulse diffuser



Product

DFIP/DFIPC

Application

Ceiling mounted
Installation height: 2.1-4.2 m

Construction

Front plate: perforated steel sheet, powder coated epoxy powder, white RAL 9010
Bell and saucer: aluminium epoxy powder coated black RAL 9005

SPECIFICATION

Impulse diffuser with horizontal air throw and high "Coanda" effect.

Impulse flow that promotes complete and effective air exchange thanks to a high induction coefficient

MOUNTING

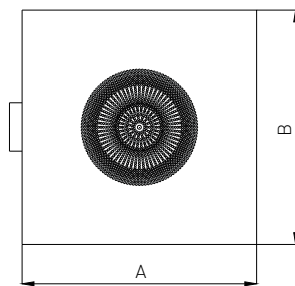
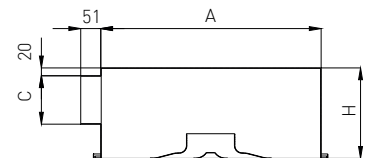
Side screw mounting

ACCESSORIES

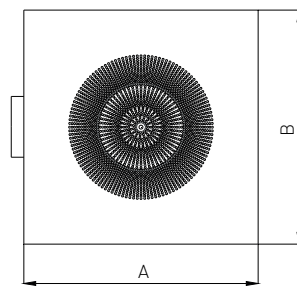
PQOP Polystyrene plenum for panelled 595x595 diffusers only

DIMENSIONS

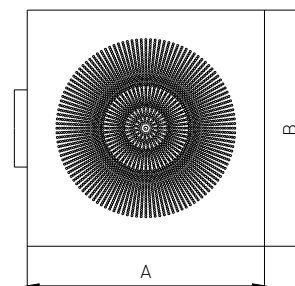
DFI Model	A x B mm	C mm	H mm
125	595x595	123	230
160	595x595	155	260
200	595x595	195	300
250	595x595	245	350



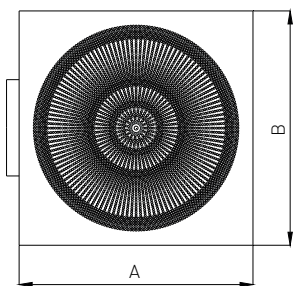
DFIP 125



DFIP 160



DFIP 200



DFIP 250



Diffusion

Components
for perfect air
distribution in HVAC
systems

SELECTION TABLE

DFIP Model	Q [m ³ /h]		L _w [dB(A)]		Throw [m]		D _{pt} [Pa]		Velocity V _k [m/s]	
	min	max	min	max	min	max	min	max	min	max
125	80	200	<26	53	0,2	8,5	14	71	1,0	2,6
160	100	350	<11	49	1,5	3,4	6	70	0,9	3,3
200	300	600	<26	54	2,3	6,2	18	67	1,8	3,6
250	400	800	<26	53	2,2	4,4	22	82	1,4	2,8

Diffuser mounted on plenum with open damper and equalising mesh, terminal velocity VT=0,37 m/s