

TSFI

Perforated exhaust diffuser

Description

TSFI perforated exhaust diffuser for T-Bar ceiling installation of 600x600.

Function

TSFI is a perforated exhaust air diffuser designed for ceiling assembly. Plenum box available with Top or Side entry inlet.

Design

TSFI is available with one front face size for T-Bar ceiling of 600 x 600mm and in 5 inlet plenum sizes 125-315. TSFI consists of perforated front plate and a diffuser box, manufactured of sheet metal. TSFI is painted with a white powder coated finish (RAL 9010-80).

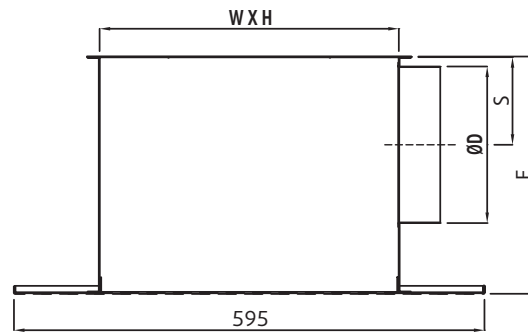
Mounting

The diffuser is easily dropped into to the T-Bar grid ceiling and fastened through the plenum to the rigid ceiling for security Inlet of the plenum allows the rigid or flexible duct to be mounted easily and fastened for air tight connection.

Ordering codes

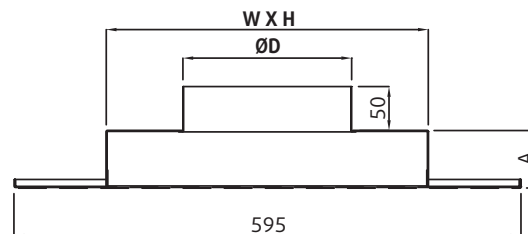
	TSFI	T	Ø	S
Product series				
Plaster ceiling installation		P		
T-Bar ceiling 595x595 installation		T		
Inlet size				125 160 200 250* 315*
Face T-Bar Size				66 126
No Plenum				0
Top entry plenum				T
Side entry plenum				S

TSFI-T-ØD-S



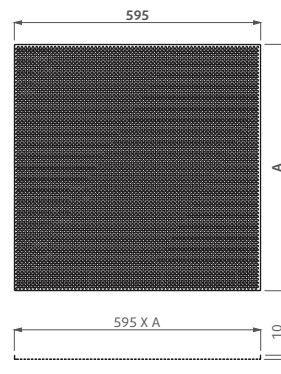
Sizes	WxH	ØD	S	E
125	240X240	123	72	227
160	300X300	158	90	270
200	380X380	198	110	300
250	480X480	292*	102	300
315	560X560	394*	99	295

TSFI-T-ØD-T



Sizes	W x H	ØD	A
125	240X240	123	61
160	300X300	158	61
200	380X380	198	65
250	480X480	248	80
315	560X560	313	86

TSFI-T-0



Code	A
TSFI-T-66-0	595
TSFI-T-126-0	1195

TSFI		Exhaust					TSFI-F	
m ³ /h	l/s		125	160	200	250	315	66
50	14	ΔP_t (Pa)						
		L_{WA}						
75	21	ΔP_t (Pa)						
		L_{WA}						
100	28	ΔP_t (Pa)	5					
		L_{WA}	-					
125	35	ΔP_t (Pa)	8					
		L_{WA}	-					
150	42	ΔP_t (Pa)	14	5	2			
		L_{WA}	-	-	-			
200	56	ΔP_t (Pa)	23	9	4			
		L_{WA}	30	-	-			
250	69	ΔP_t (Pa)	36	13	5	2		3
		L_{WA}	37	-	-	-		
300	83	ΔP_t (Pa)	52	19	8	3		5
		L_{WA}	40	-	-	-		-
400	111	ΔP_t (Pa)		34	14	6	2	9
		L_{WA}		35	-	-	-	
500	139	ΔP_t (Pa)		52	21	9	4	44
		L_{WA}		41	27	-	-	
600	167	ΔP_t (Pa)			35	13	5	20
		L_{WA}			34	-	-	36
750	208	ΔP_t (Pa)			54	21	9	31
		L_{WA}			41	-	-	41
1000	278	ΔP_t (Pa)				36	15	56
		L_{WA}				37	-	48
1250	347	ΔP_t (Pa)				60	24	65
		L_{WA}				47	37	55

L_{WA} = Sound Power level in dB (A)
 ΔP_t = Pressure Drop (Pa)