

systemair TSFI-T-200-T Perforated Face Ceiling Diffuser Instructions

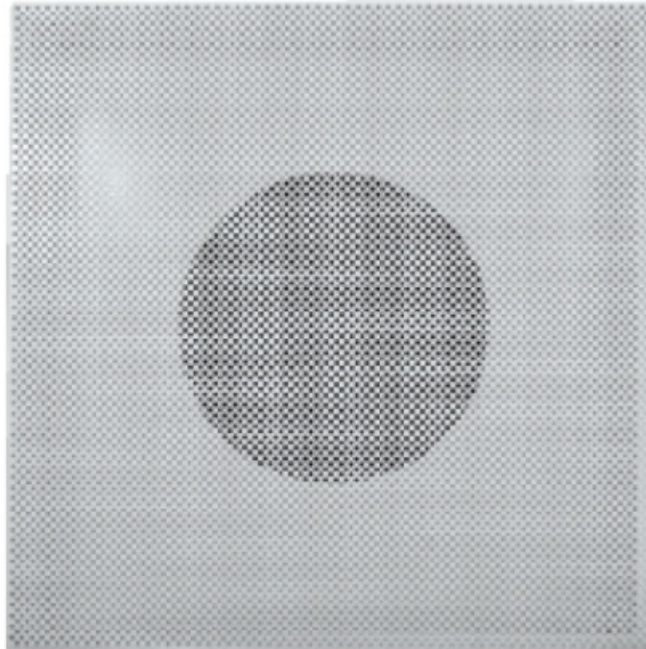
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systemair TSFI-T-200-T Perforated Face Ceiling Diffuser



Description

Function

The TSFI-T is a perforated face ceiling diffuser. The diffuser is suitable to be used with TSOI-T supply series diffuser, but for extract applications.

The Top entry plenum box is non-insulated ideal for the returner application.

Diffuser is as standard powder painted to RAL9010.

Product Description

TSFI-T-ØD-T : Top-entry perforated plate return diffuser

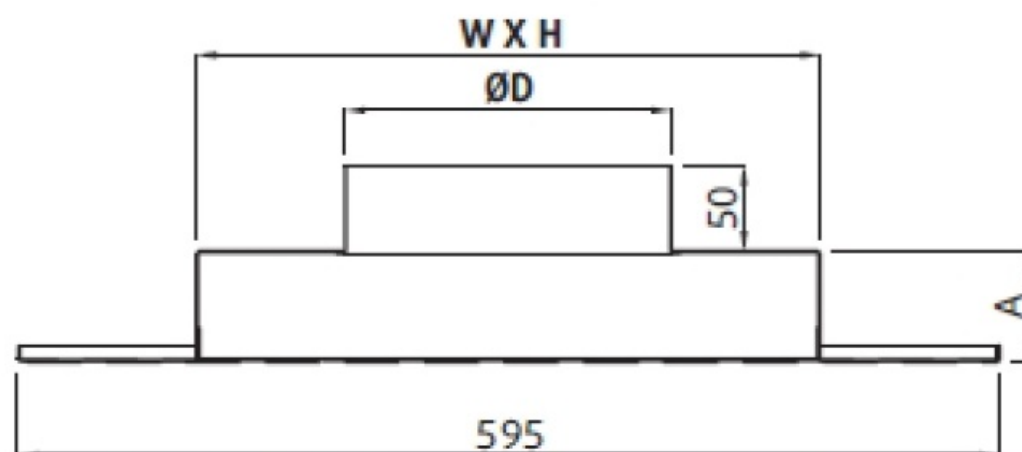
Features

- Extract functionality
- Ideal for modular ceiling tile replacement
- Side Entry plenum non-insulated for return air

Selection Criteria

- Ceiling Height 2.7m
- Maintain air volume equivalent to 2.5m/s neck velocity for low turbulence and quiet diffuser performance

Dimensions



Type	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

Ordering Codes

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

Documentation

TSFI-T GB.pdf (753,80kB)

Diagram

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

Get In Touch

Call: 0845 6880112

Email: info@adremiit.co.uk

Our Address

Puravent, Adremiit Limited, Unit 5a, Commercial Yard, Settle, North Yorkshire, BD24 9RH

Documents / Resources

	systemair TSFI-T-200-T Perforated Face Ceiling Diffuser [pdf] Instructions TSFI-T-200-T, Perforated Face Ceiling Diffuser, Face Ceiling Diffuser, Ceiling Diffuser, TSFI-T-200-T, Diffuser
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References

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