

systemair TSFI-T-315-S Ceiling Air Diffuser Instructions

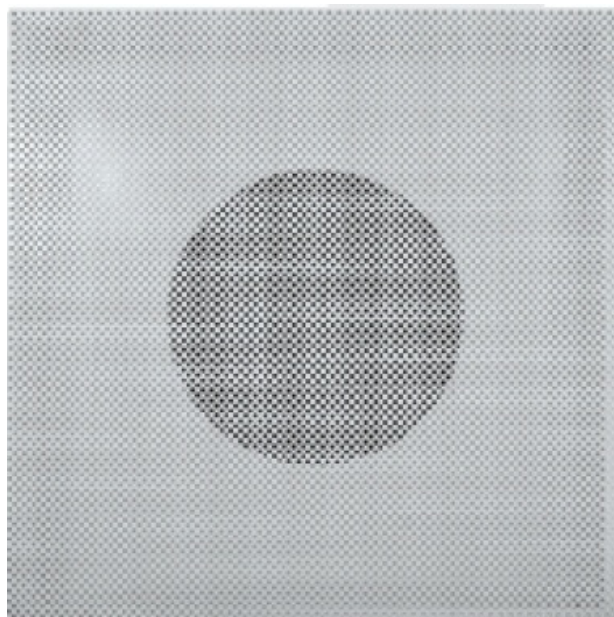
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systemair TSFI-T-315-S Ceiling Air Diffuser



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 Side entry plenum box is non-insulated ideal for the return air application. Diffuser is as standard powder painted to RAL9010.

Product Description

TSFI-T-ØD-S : Side-entry perforated plate return diffuser

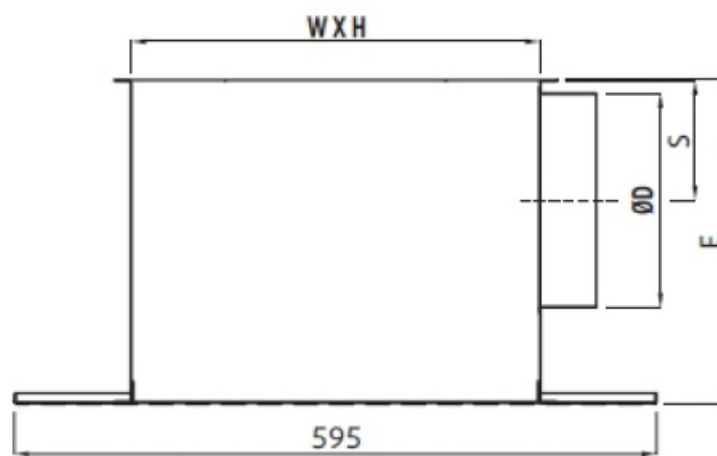
Features

- 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	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

Type 250 en 315 mm hebben ovale aansluitingen

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
m³/h	l/s		125	160	200	250	315	66
50	14	$\Delta P_i(\text{Pa})$						
		L_{RA}						
75	21	$\Delta P_i(\text{Pa})$						
		L_{RA}						
100	28	$\Delta P_i(\text{Pa})$	5					
		L_{RA}	-					
125	35	$\Delta P_i(\text{Pa})$	8					
		L_{RA}	-					
150	42	$\Delta P_i(\text{Pa})$	14	5	2			
		L_{RA}	-	-	-			
200	56	$\Delta P_i(\text{Pa})$	23	9	4			
		L_{RA}	30	-	-			
250	69	$\Delta P_i(\text{Pa})$	36	13	5	2		3
		L_{RA}	37	-	-	-		
300	83	$\Delta P_i(\text{Pa})$	52	19	8	3		5
		L_{RA}	40	-	-	-		-
400	111	$\Delta P_i(\text{Pa})$		34	14	6	2	9
		L_{RA}		35	-	-	-	
500	139	$\Delta P_i(\text{Pa})$		52	21	9	4	44
		L_{RA}		41	27	-	-	
600	167	$\Delta P_i(\text{Pa})$			35	13	5	20
		L_{RA}			34	-	-	36
750	208	$\Delta P_t(\text{Pa})$			54	21	9	31
		L_{RA}			41	-	-	41
1000	278	$\Delta P_i(\text{Pa})$				36	15	56
		L_{RA}				37	-	48
1250	347	$\Delta P_i(\text{Pa})$				60	24	65
		L_{RA}				47	37	55

Get In Touch

- Call: 0845 6880112
- Email: info@adremit.co.uk

Documents / Resources

	systemair TSFI-T-315-S Ceiling Air Diffuser [pdf] Instructions TSFI-T-315-S, Ceiling Air Diffuser, Air Diffuser, Ceiling Diffuser, TSFI-T-315-S, Diffuser
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References

-  [Text.name](#)

Manuals+.