



PPSW

- > Perforated Swirl Diffuser
- > Fixed Supply
- > T-Bar Mounted

DESCRIPTION

The PPSW provides a horizontal air pattern, the swirling supply air rapidly induces room air, decreasing velocity and temperature difference with a perforated face.

CONSTRUCTION

Steel face plate.

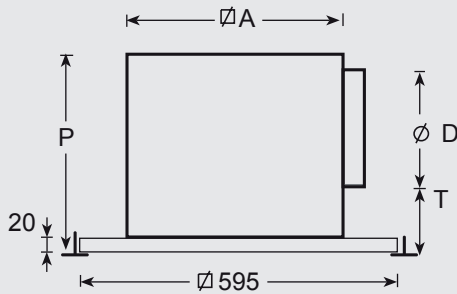
Finish:

Epoxy powder RAL 9010 (visible parts)

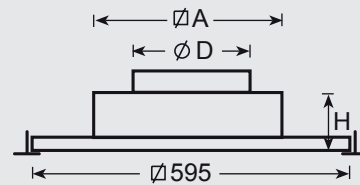
MODELS

- PPSW-PT:** Top connection
- PPSW-OB-PT:** Top conn/damper
- PPSW-PS:** Side connection
- PPSW-OB-PS:** Side conn/damper
- PPSW-PSL:** Lined side connection
- PPSW-OB-PSL:** Lined side conn/damper

PPSW-OB-PSL



PPSW-PT



DIMENSIONS (mm)

Swirl size	A	D	T	P	H
250	273	123	60	220	115
350	373	158	70	265	130
450	473	198	80	315	145
550	573	248	80	365	165

WEIGHT (kg)

Size	Round top Connection	Lined Plenum	Ø Damper
250	5.3	6.0	0.1
350	6.5	7.7	0.2
450	8.0	9.9	0.3
550	9.8	12.5	0.4

PPSW – SELECTION DATA

SUPPLY SELECTION DATA																
Air Volume (m ³ /s)		0.020	0.025	0.030	0.040	0.050	0.060	0.070	0.080	0.100	0.125	0.150	0.200	0.250		
Size	250	T	0.6	0.9	1.1	1.5	1.9	2.3	2.6	3.1						
		Pa	3	6	8	14	22	31	41	55						
		dB(A)	-	-	21	29	35	39	43	45						
	350	T			0.9	1.3	1.4	1.7	2	2.4	2.9	3.5				
		Pa			3	6	8	12	17	21	33	51				
		dB(A)			-	-	21	26	30	34	39	46				
	450	T					1.1	1.3	1.5	1.7	2.2	2.7	3.2	4.4		
		Pa					2	3	5	7	10	18	22	40		
		dB(A)					-	-	18	21	26	33	37	46		
	550	T							1.3	1.5	1.9	2.4	2.8	3.7	4.6	
		Pa							2	4	6	8	12	20	33	
		dB(A)							-	-	18	25	30	37	42	

KEY INFORMATION

Throw based on diffuser installed in a standard suspended ceiling.

T = Throw in metres (m)

Pa = Static Pressure Drop

dB(A) = Sound Pressure Level