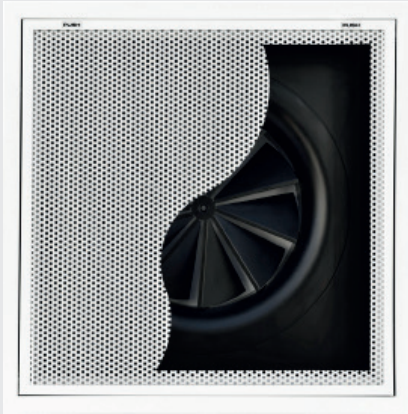




# PPSW

- > 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.

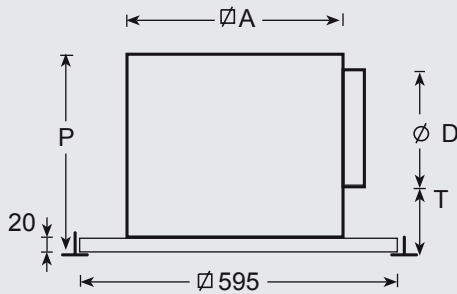
### Finish:

Epoxy powder RAL 9010 (visible parts)

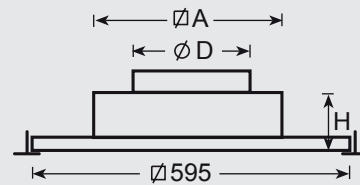
## MODELS

- 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 <sup>3</sup> /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	<b>0.6</b>	<b>0.9</b>	<b>1.1</b>	<b>1.5</b>	<b>1.9</b>	<b>2.3</b>	<b>2.6</b>	<b>3.1</b>					
		Pa	3	6	8	14	22	31	41	55					
		dB(A)	-	-	21	29	35	39	43	45					
	350	T			<b>0.9</b>	<b>1.3</b>	<b>1.4</b>	<b>1.7</b>	<b>2</b>	<b>2.4</b>	<b>2.9</b>	<b>3.5</b>			
		Pa			3	6	8	12	17	21	33	51			
		dB(A)			-	-	21	26	30	34	39	46			
	450	T					<b>1.1</b>	<b>1.3</b>	<b>1.5</b>	<b>1.7</b>	<b>2.2</b>	<b>2.7</b>	<b>3.2</b>	<b>4.4</b>	
		Pa					2	3	5	7	10	18	22	40	
		dB(A)					-	-	18	21	26	33	37	46	
	550	T							<b>1.3</b>	<b>1.5</b>	<b>1.9</b>	<b>2.4</b>	<b>2.8</b>	<b>3.7</b>	<b>4.6</b>
		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