

**PS/APGW-4
RAL9016**

- 4-way pattern diffusers
- Square
- Aluminium
- White, RAL 9016



Diffusers for system ceilings type PS/APGW-4 RAL9016

4-way diffusers with removable core for system ceiling

Application

- For air supply and exhaust in ventilation and air conditioning systems.

Material

- Aluminium and steel combination

Colour

- White, RAL 9016

Composition

- Frame made of aluminum and a steel plate
- Removable inner core made of aluminum
- Fixed blades

Mounting

- Fixing by the collar of the diffuser in the plenum box

Accessories

- Opposite blade volume control damper type **DSG**

Text for tender

- The air supply system ceiling diffusers are square with a fixed 4-way pattern and a removable core. They are made of aluminium, white finish RAL 9016 and are supplied with a volume control damper.
- **SIG** Type **PS/APGW-4+DSG**

Order example

- **PS/APGW-4, 375 + DSG**

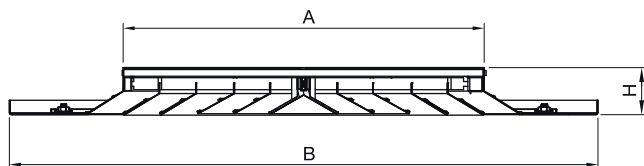
Explanation

PS/APGW-4 = Diffuser type

375 = Diffuser size

Accessories (Optional)

DSG = Volume control damper



	Dimensions		
	A x A [mm]	B x B [mm]	H [mm]
PS/APGW-4 595/300	295 x 295	595 x 595	48.50
PS/APGW-4 595/375	370 x 370	595 x 595	48.50

Qv		Quick selection	
		300x300	375x375
100	Lt		
	Ps		
	Lp		
160	Lt		
	Ps		
	Lp		
200	Lt		
	Ps		
	Lp		
300	Lt	1,20	
	Ps	3	
	Lp	-	
400	Lt	1,60	1,30
	Ps	5	2
	Lp	24	-
500	Lt	2	1,60
	Ps	7	3
	Lp	29	20
600	Lt	2,30	1,90
	Ps	10	4
	Lp	34	25
700	Lt		2,20
	Ps		6
	Lp		29
800	Lt		2,50
	Ps		7
	Lp		32
900	Lt		
	Ps		
	Lp		
1000	Lt		
	Ps		
	Lp		

Symbols and specifications

- Values at ceiling height of 2.7m
- Temperature difference $Dt = -10K$
- $Lt\ 0.25$ = Horizontal throw in m at $vt = 0.25m/s$
- Ps = Static pressure loss in Pa
- Lp = Acoustic pressure incl. 5dB of room attenuation in dB(A)
- Qv = Air Volume in m^3/h
- LXH = neck size diffuser