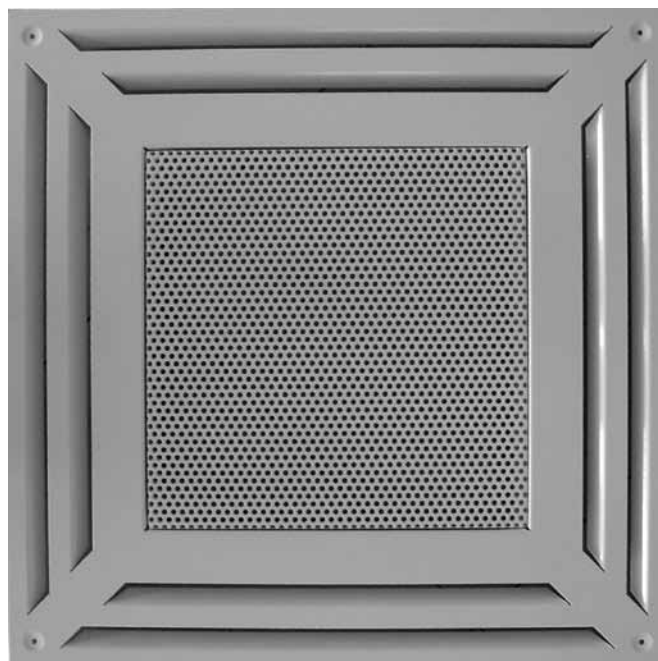


CAS – CEILING VENTILATION DIFFUSERS CASSETTE TYPE



Description

- Designed both for supply and exhaust of the air in ventilation and air-conditioning installations.
- Exhaust air extraction is arranged through the central part of the diffuser and the supply – at angle through the periphery.

Construction

- Constructed of galvanized metal sheets with powder coating.
- Diffusers consist of external frame with lamellas at the periphery and central part – panel of perforated metal sheets with inspection option.
- Incorporation of filter G2 (+F) – possible upon customer's request.

- Standard colour RAL 9010, upon customer's request painting in all RAL colours is possible.

Installation

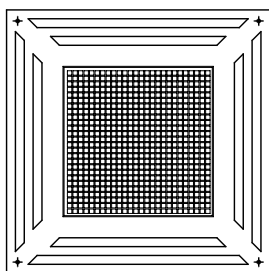
- Mounted to the air duct system with plenum box and flexible duct

Accessories

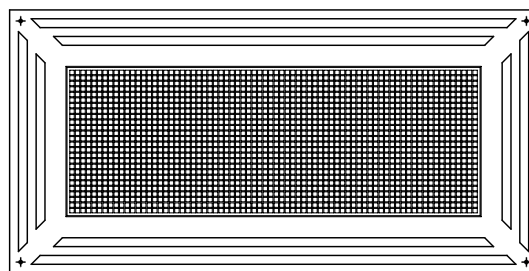
- Plenum box (+K)
- Regulation damper for supply air (+Ds) and/ or regulation damper for exhaust air (+De)
- Internal insulation (+Ii) or external insulation (+Ie) of the plenum box.

Modifications

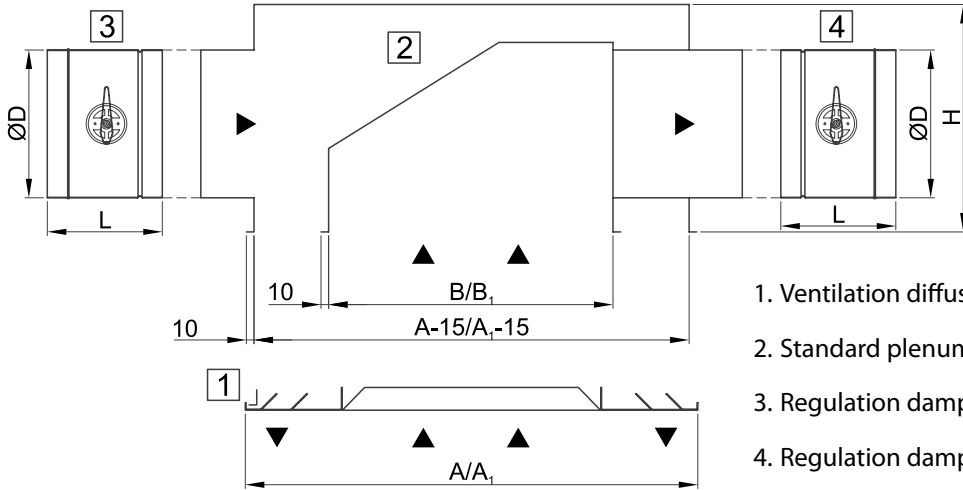
CAS 600 - Square diffuser



CAS 1200 - Rectangular diffuser



Overall and joined dimensions



Note:

Plenum box for diffuser 1200/600 – is with two supply and two exhaust connectors.

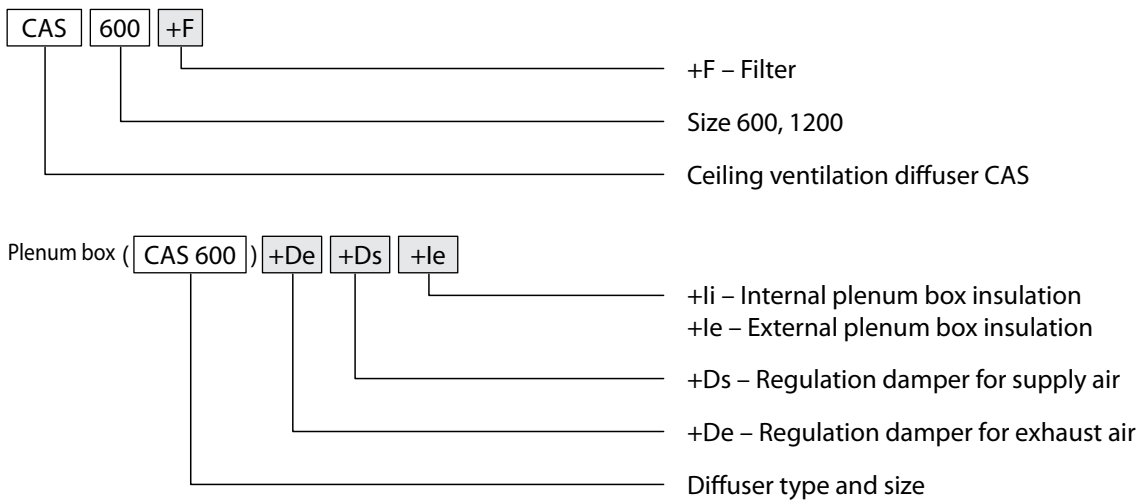
- 1. Ventilation diffuser
- 2. Standard plenum box
- 3. Regulation damper for supply air
- 4. Regulation damper for exhaust air

Model	A [mm]	A ₁ [mm]	B [mm]	B ₁ [mm]	H [mm]	L [mm]	ØD [mm]
CAS 600	595	595	372	372	300	230	195
CAS 1200	595	1195	372	972	300	230	195

Pressure drop ΔP [Pa] and acoustic data [dB(A)]

Model	V [m ³ /h]	200		300		400		500		600		800		1000	
		ΔP [Pa]	[dB] (A)	ΔP [Pa]	[dB] (A)	ΔP [Pa]	[dB] (A)	ΔP [Pa]	[dB] (A)	ΔP [Pa]	[dB] (A)	ΔP [Pa]	[dB] (A)	ΔP [Pa]	[dB] (A)
CAS 600	Supply	9	-	18	15	33	25	48	30	-	-	-	-	-	-
	Exhaust	8	-	32	18	47	20	60	23	-	-	-	-	-	-
CAS 1200	Supply	-	-	-	-	10	-	14	15	18	20	28	25	42	30
	Exhaust	-	-	-	-	20	-	18	-	34	-	50	15	62	20

Order designation



- Main parameters
- Optional parameters