

**(PS/) SNC-1A  
(RAL9016)**

- Multinozzle diffusers
- Square
- Steel and plastics
- White, RAL 9016



## Square nozzle diffusers with circular pattern type (PS/) SNC-1A (RAL9016)

Multinozzle ceiling diffusers with high induction rate, consisting of a square plate with individual adjustable nozzles arranged in a circular pattern and to be equipped with galvanized steel plenumbox (PS/SNC-1A = SNC-1A diffuser in plate 596 x 596)

### **Brand**

- Cairox

### **Application**

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

### **Material**

- Steel and plastic composite combination

### **Colour**

- Standard colour white, RAL 9016
- Nozzles and diffuser available in RAL 9016 / 9010 / 9006 / 9005

### **Composition**

- Frontplate made of powder coated steel
- Nozzles made out op plastic composite
- Central screw mounting

### **Mounting**

- Fixing by central screw in the crossbar of the plenum box.

### **Accessories**

- Polystyrene plenum box, type **PPS-P** with duct connection **PPS-APD** and mounting bar **PPS-MB**
- Circular plenum box, type **RER-B**
- Square plenum box, type **REV-B**
- Circular insulated plenum box, type **RER-B ISO**
- Square insulated plenum box, type **REV-B ISO**
- Regulating valve for plenum box, type **CRC**

### **Text for tender**

- The air supply ceiling diffusers are square with a circular arranged nozzlepattern. They are made of a steel powdercoated frontplate in white finish RAL 9016 and nozzles in plastic composite materials. The diffusers are standard delivered with galvanized steel plenumbox equipped with perforated plate and damper in the side entry spigot. The diffuser is centrally screw mounted.
- Cairox type **SNC-1A + RER-A**

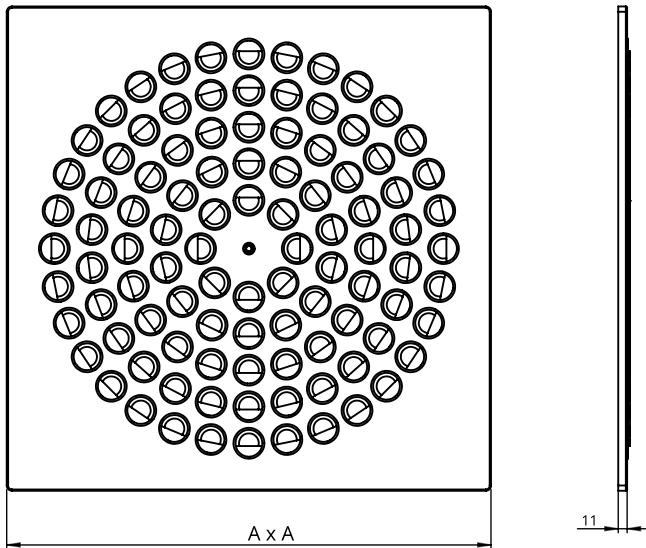
**Order example**

- SNC-1A, 600 + RER-B 600 + CRC 250

Explanation

**SNC-1A** = Diffuser type**600** = Diffuser size

Accessories

**RER-B** = Circular plenum box**600** = Size plenum box**CRC** = Regulating valve for plenum box**250** = Plenum box connection diameter 250

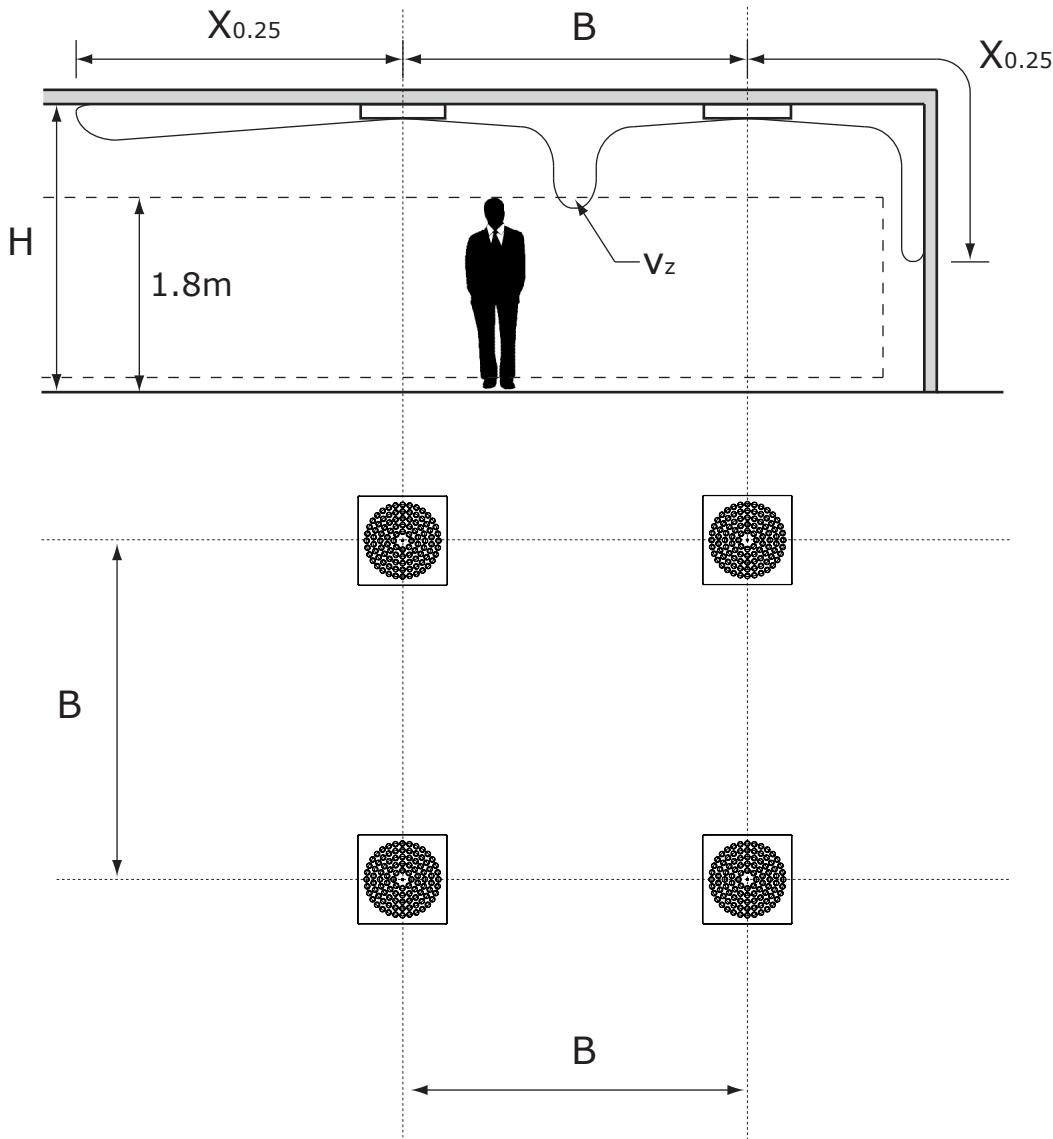
	Dimensions	AxA [mm]	# Nozzles
SNC-1A 300		296x296	22
SNC-1A 400		396x396	42
SNC-1A 500		496x496	68
SNC-1A 600		596x596	100
SNC-1A 625*		621x621	100
PS/SNC-1A 300/596		596x596	22
PS/SNC-1A 400/596		596x596	42
PS/SNC-1A 500/596		596x596	68

\* niet meer verkrijgbaar / n'est plus disponible / no longer available



- The acoustic power values  $L_w(A)$  are given for diffusers without damper or with fully opened damper without room attenuation. Acoustic powers below 20dB(A) are mentioned as "<20" in the tables.
- For all special requirements, please contact our engineering office.

### Placement instruction



**REV-B**

- Plenum boxes
- Square
- Steel



## Square plenum boxes type REV-B

Universal plenum boxes with perforated plate in galvanized steel

### **Brand**

- Cairox

### **Material**

- Galvanized steel

### **Composition**

- Rectangular body in plain galvanized steel plate
- Crossbar for central mounting with M6 screw of diffuser
- Perforated equalizing plate for equal air diffusion inside the box
- Seal for airtight connection with the diffuser

### **Accessories**

- Circular regulating valve, tye **CRC**

### **Order example**

- **REV-B 600 + CRC 250**

Explanation

**REV-B** = Plenum box type

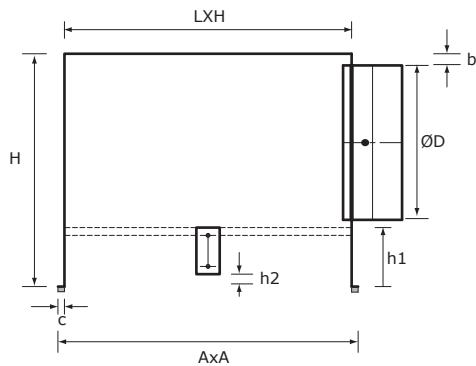
**600** = Size type

Accessory

**CRC 250** = Regulating valve for plenum box connection Ø250

### **Other available products**

- Insulated plenumbox type **REV-B ISO**



Dimensions								
REV-B	L X H [mm]	A X A [mm]	ØD [mm]	H [mm]	b [mm]	c [mm]	h1 [mm]	h2 [mm]
300	270 X 270	288 X 288	160	250	15	9	65	10
400	370 X 370	388 X 388	200	300	15	9	65	10
500	470 X 470	488 X 488	200	300	15	9	65	10
600	570 X 570	588 X 588	250	350	15	9	65	10

**RER-B**

- Plenum boxes
- Circular
- Steel

**Circular plenum box type RER-B**

Universal circular plenum boxes with perforated plate in galvanized steel

**Brand**

- Cairox

**Composition**

- Circular body in plain steel plate
- Crossbar for central mounting with M6 screw of diffuser
- Perforated equalizing plate for equal air diffusion inside the box
- Circular connection spigot
- Seal for airtight connection with the diffuser

**Accessoires**

- Circular value control damper , type **CRC**

**Order example**

- **RER-B 600 + CRC 250**

Explanation

**RER-B** = Plenum box type

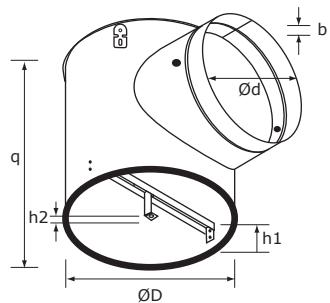
**600** = Size type

Accessory

**CRC 250** = Regulating valve for plenum box connection Ø250

**Other available products**

- Insulated plenumboxes type **RER-B ISO**



Dimensions						
RER-B	$\varnothing D$ [mm]	$q$ [mm]	$\varnothing d$ [mm]	$b$ [mm]	$h_1$ [mm]	$h_2$ [mm]
300	275	230	160	15	65	10
400	375	270	200	15	65	10
500	476	270	200	15	65	10
600	576	320	250	15	65	10