

Ceiling swirl diffuser SD9



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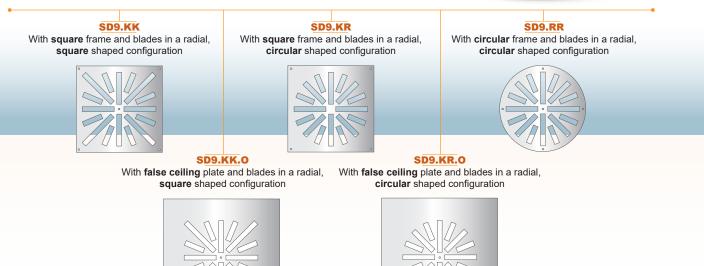
Ceiling swirl diffuser SD9

Ceiling swirl diffusers **SD9** by **AIRTECHNIC** are designed to meet the increased demands of performance and aesthetics, combining modern technology with modern architecture. They are suitable for all types of air conditioning, ventilation and heating or cooling systems. They are used in areas where high air conditioning comfort and large air supply is required as their special design allows the discharge of the air flow in many directions, achieving multiple combinations of supply and exhaust air.

SD9

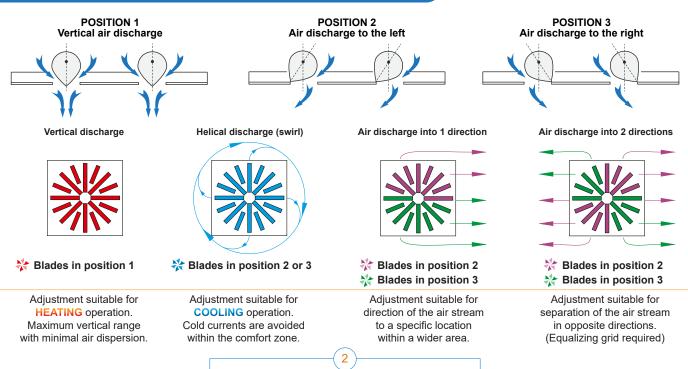
Diffusers **SD9** have square (KK, KR) or circular (RR) frame from galvanized steel, powder painted in RAL9010 and slots with independent, manually adjustable or grouped, automatically adjustable plastic blades in a radial, square shaped (KK) or circular shaped (KR, RR) configuration. The adjustment of the blades can be done manually or automatically (page 5) upon request. Also, upon request, the type **SD9 + PL** is available, which includes a plenum box (square or circular) made of galvanized steel. It is also possible to install a volume damper inside the plenum box.





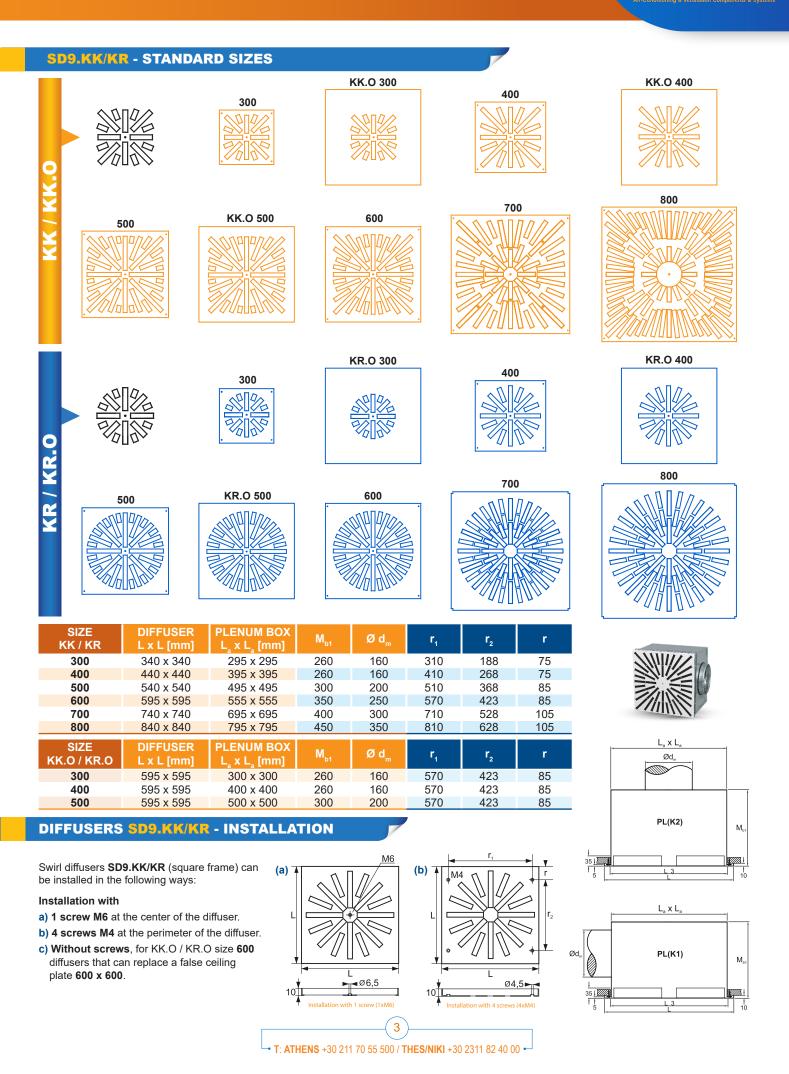
Ceiling swirl diffusers **SD9** maintain a stable stream morphology even at large fluctuations of the air flow and achieve good mixing of the supplied air with the air inside the room. The helical movement of the air stream provides comfort within the air-conditioned space. An important advantage of SD9 diffusers is the maintenance of air pressure drop and noise level, regardless of the position of the blades.

AIR SUPPLY POSSIBILITIES





AIRTECHNIC

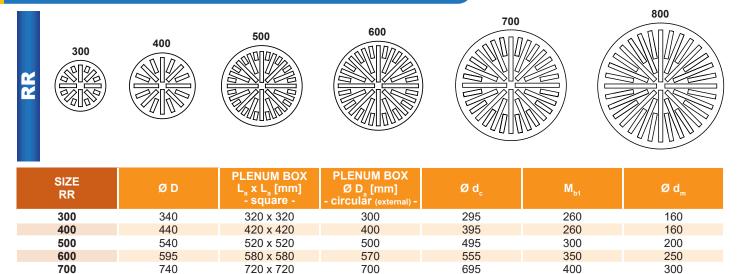




SD9

820 x 820

SD9.RR - STANDARD SIZES



800

DIFUSERS SD9.RR - INSTALLATION

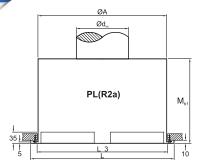
840

Swirl diffusers **SD9.RR** (circular frame) can be installed in the following ways:

Installation with

800

- a) 1 screw M6 at the center of the diffuser.
- b) 4 screws M4 at the perimeter of the diffuser.
- c) Only for size 800 diffusers, 1 screw M6 at the center and 4 screws M4 at the perimeter of the diffuser.



ØA

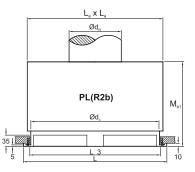
PL(R1a)

L 3

Ød_

35

795



ØA

PL(R1b)

 $Ød_{c}$

L 3

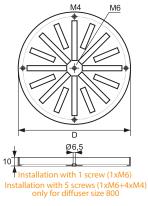
M_{b1}

10

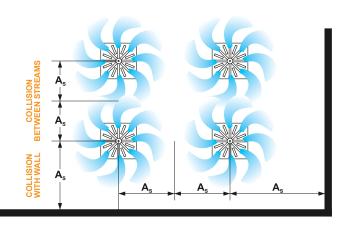
K

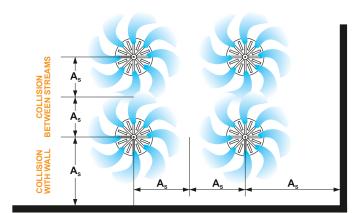
350

450









Ød.

35 | 2

M

3

10



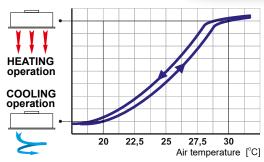
Grey white

Color examples

Changing the stream direction of swirl diffusers SD9 can be achieved: (a) With **independent**, **manual** adjustment of the blades.

(b) With grouped adjustment of the blades, via actuator On / Off 220V (SD9+MO) or analog 24V (SD9+MA) (Siemens or Belimo).

(c) With grouped adjustment of the blades, via **thermodynamical mechanism (SD9+TP)** (Thermodynamic Piston) which does not require power supply or additional automations and automatically adjusts the angle of the blades according the air supply temperature (as shown in the diagram). At temperatures below 20 °C (cooling operation) the angle of the blades remains in position 2 (or 3) for helical discharge (swirl). At temperatures from 20 °C to 30 °C (transitional state) the angle of the blades changes from posotion 2 (or 3) to position 1. At temperatures above 30 °C (heating operation) the angle of the blades remains in position 1 for vertical discharge.



CONSTRUCTION OPTIONS

SD9.KK	Square frame from galvanized steel, powder painted in RAL9010 with black or white, plastic, adjustable blades in a radial, square shaped cofiguration.
SD9.KK+PL(K1)	Square frame from galvanized steel, powder painted in RAL9010 with black or white, plastic, adjustable blades in a radial, square shaped
	cofiguration, installed on a plenum box with spigot on the side.
SD9.KK+PL(K2)	Square frame from galvanized steel, powder painted in RAL9010 with black or white, plastic, adjustable blades in a radial, square shaped
	cofiguration, installed on a plenum box with spigot opposite the diffuser.
SD9.KK.O	Square frame from galvanized steel, powder painted in RAL9010, with external dimensions 595 x 595 mm and black or white, plastic, adjustable blades in a radial, square shaped cofiguration.
SD9.KR	Square frame from galvanized steel, powder painted in RAL9010 with black or white, plastic, adjustable blades in a radial, circular shaped cofiguration.
SD9.KR+PL(K1)	Square frame from galvanized steel, powder painted in RAL9010 with black or white, plastic, adjustable blades in a radial, circular shaped cofiguration, installed on a plenum box with spigot on the side.
SD9.KR+PL(K2)	Square frame from galvanized steel, powder painted in RAL9010 with black or white, plastic, adjustable blades in a radial, circular shaped
	cofiguration, installed on a plenum box with spigot opposite the diffuser.
SD9.KR.O	Square frame from galvanized steel, powder painted in RAL9010, with external dimensions 595 x 595 mm and black or white, plastic, adjustable
	blades in a radial, circular shaped cofiguration.
SD9.RR	Circular frame from galvanized steel, powder painted in RAL9010 with black or white, plastic, adjustable blades in a radial, circular shaped cofiguration.
SD9.RR+PL(R1a)	Circular frame from galvanized steel, powder painted in RAL9010 with black or white, plastic, adjustable blades in a radial, circular shaped
	cofiguration, installed on a circular plenum box with spigot on the side.
SD9.RR+PL(R2a)	Circular frame from galvanized steel, powder painted in RAL9010 with black or white, plastic, adjustable blades in a radial, circular shaped
	cofiguration, installed on a circular plenum box with spigot opposite the diffuser.
SD9.RR+PL(R1b)	Circular frame from galvanized steel, powder painted in RAL9010 with black or white, plastic, adjustable blades in a radial, circular shaped
	cofiguration, installed on a square plenum box with spigot on the side.
SD9.RR+PL(R2b)	Circular frame from galvanized steel, powder painted in RAL9010 with black or white, plastic, adjustable blades in a radial, circular shaped
	cofiguration, installed on a square plenum box with spigot opposite the diffuser.
	ers can be powder painted in any RAL color, upon request. For the full range of RAL colors please contact us.
Air uirus	
RAL 1007	RAL 2002 RAL 3017 RAL 5007 RAL 6003 RAL 6024 RAL 7012 RAL 7044 RAL 8028
	Vermillon Rose Brillant blue Olive green Traffic green Baser Silk grey Terra brown
Dul 4044	
	RAL 2003 RAL 3018 RAL 5008 RAL 6004 RAL 6025 Pastel orange Strawberry red Grey blue Blue green Fern green B
Drown beige	
RAL 1012	RAL 2004 RAL 3020 RAL 5009 RAL 6005 RAL 6026 RAL 7 7046 RAL 9002

Moss green

Opal gree

The blades of the diffusers SD9 are made of black or white plastic.

Traffic red

Azure blue

SWIRL DIFFUSERS SD9 - SELECTION

Pure orange

Lemon yellow

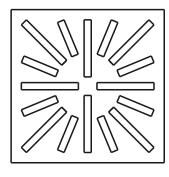
The technical specifications for swirl diffusers SD9 are the following :

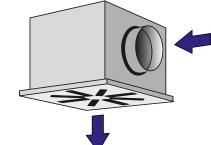
LxL	[mm]
ØD	[mm]
ΔΡ	[Pa]
Θ	dB[A]
Uo	[m/s]
Δ_{T}	°C
X	[m]
V	[m]
U	[m/s]
T	٥C
Ϋ́κ	[m]
Uκ	[m/s]
Τĸ	٥C
As	[m]
X	[mm]
	ΔΡ Θ U _o Δ _τ X _o Υ _o U _τ T _τ Υ _κ U _κ T _κ Α _s



The selection of swirl diffusers **SD9** will be made using the following diagrams and in accordance with the guideline CR 1752:1998 (Ventilation for buildings - Design criteria for the indoor environment).

SD9.KK - PRESSURE DROP & NOISE LEVEL CALCULATION





SD9

Curve 1 Maximum air velocity inside the diffuser U [m/s]

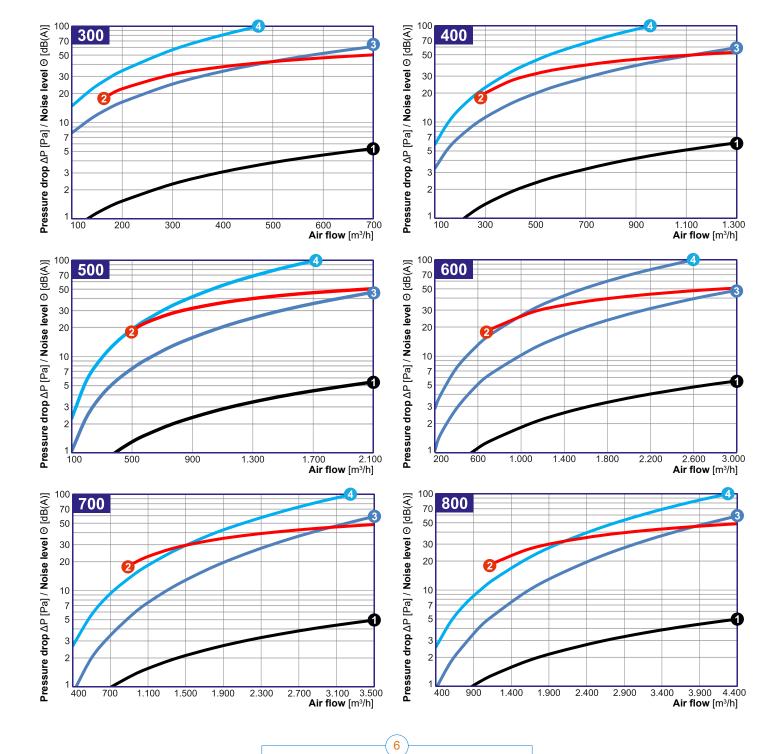
Curve 2

Noise level O [dB(A)]

Curve 3

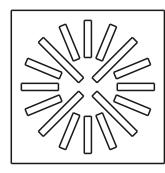
Pressure drop ΔP [Pa] for fully open damper (0°)

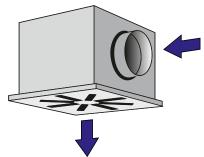
Curve 4 Pressure drop ΔP [Pa] for damper blade angle 45°



SD9

SD9.KR - PRESSURE DROP & NOISE LEVEL CALCULATION





Curve 1 Maximum air velocity inside the diffuser U_o [m/s]

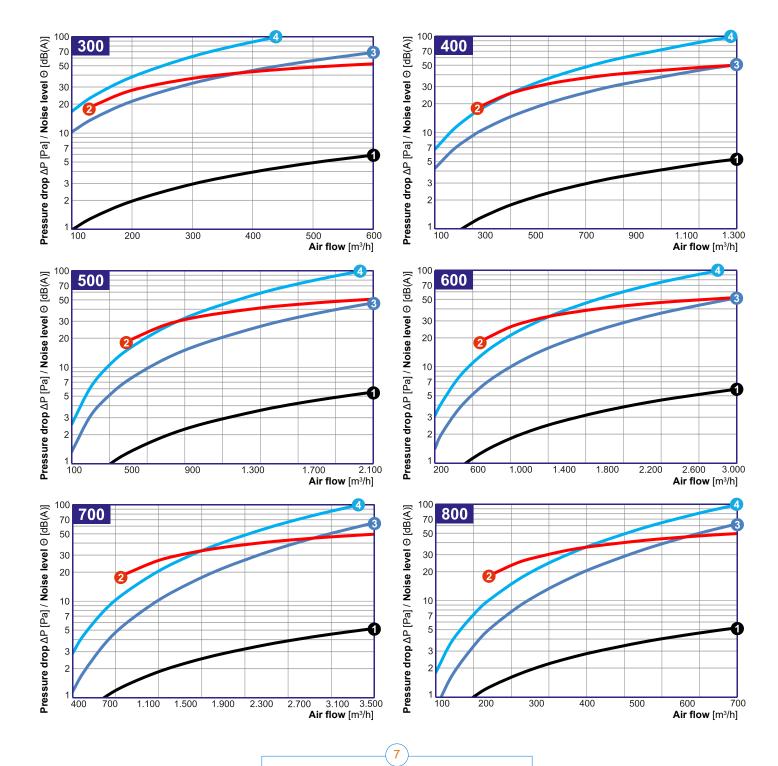
Curve 2 Noise level Ø [dB(A)]

Curve 3

Pressure drop ΔP [Pa] for fully open damper (0°)

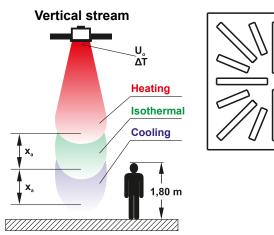
Curve 4

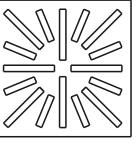
Pressure drop ΔP [Pa] for damper blade angle 45°



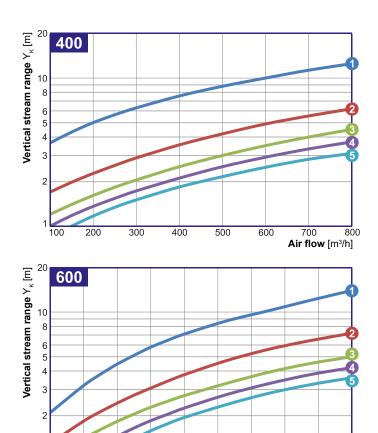
SD9.KK - VERTICAL STREAM RANGE Y_K CALCULATION (U_T = 0,5 m/s)

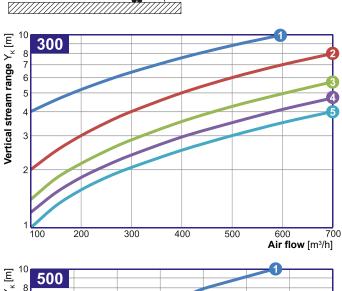
SD9

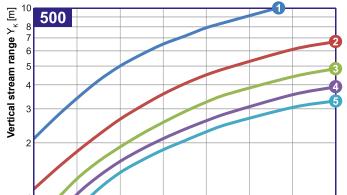


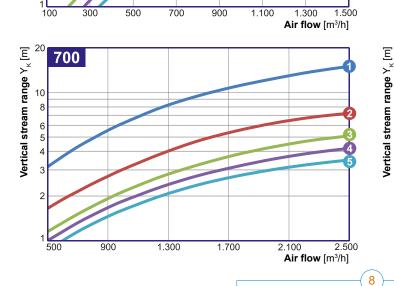


Curve 1 Vertical isothermal stream range Y_{κ} [m] / ΔT = 0°C Curve 2 Vertical non-isothermal stream range Y_{κ} [m] / ΔT = 5°C Curve 3 Vertical non-isothermal stream range Y_κ [m] / ΔT = 10°C Curve 4 Vertical non-isothermal stream range Y_{κ} [m] / ΔT = 15°C Curve 5 Vertical non-isothermal stream range Y_{κ} [m] / ΔT = 20°C









• T: ATHENS +30 211 70 55 500 / THES/NIKI +30 2311 82 40 00 •

400

800

200

20

10

8

6 5

4

3

2

600

600

1.000

800

1.400

1.800

1.000

1.200

1.400

2.200

1.600

1.800 2.000

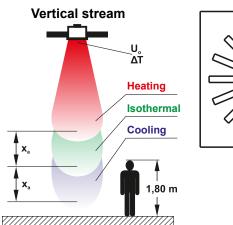
Air flow [m³/h]

2.600 3.00 Air flow [m³/h]

3.000

AIRTECHNIC

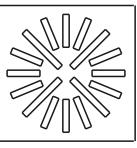
SD9.KR - VERTICAL STREAM RANGE Y_{μ} CALCULATION (U_T = 0,5 m/s)



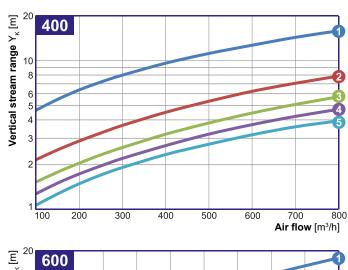
300

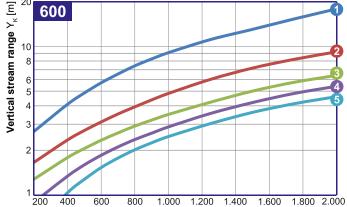
500

900

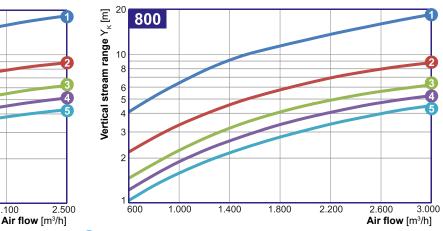


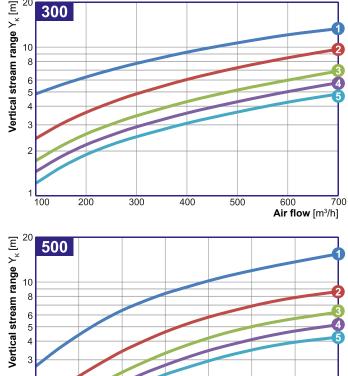
Curve 1 Vertical isothermal stream range Y_{κ} [m] / $\Delta T = 0^{\circ}C$ Curve 2 Vertical non-isothermal stream range Y_{κ} [m] / $\Delta T = 5^{\circ}C$ Curve 3 Vertical non-isothermal stream range Υ_κ [m] / ΔT = 10°C Curve 4 Vertical non-isothermal stream range Y_{κ} [m] / ΔT = 15°C Curve 5 Vertical non-isothermal stream range Y_{κ} [m] / $\Delta T = 20^{\circ}C$

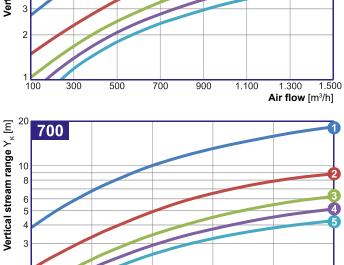




Air flow [m³/h]







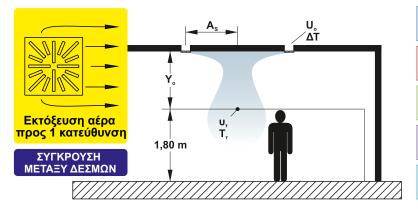
1.300

1.700

2.100

SD9.KK - HORIZONTAL STREAM VERTICAL DROP Y_o CALCULATION (U_T = 0,2 m/s)

SD9



 Καμπύλη 1

 Πτώση οριζόντιας δέσμης αέρα $Y_o[m] / A_s = 1[m]$

 Καμπύλη 2

 Πτώση οριζόντιας δέσμης αέρα $Y_o[m] / A_s = 2[m]$

 Καμπύλη 3

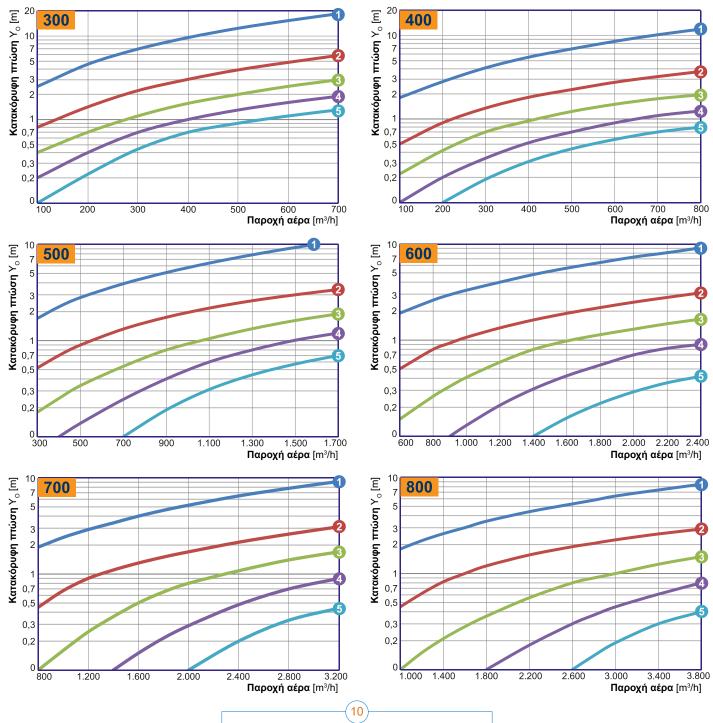
 Πτώση οριζόντιας δέσμης αέρα $Y_o[m] / A_s = 3[m]$

 Καμπύλη 4

 Πτώση οριζόντιας δέσμης αέρα $Y_o[m] / A_s = 4[m]$

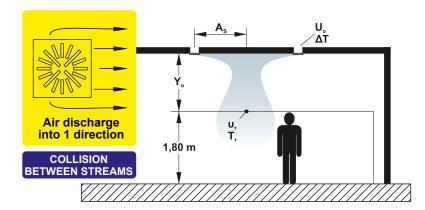
 Καμπύλη 5

 Πτώση οριζόντιας δέσμης αέρα $Y_o[m] / A_s = 5[m]$



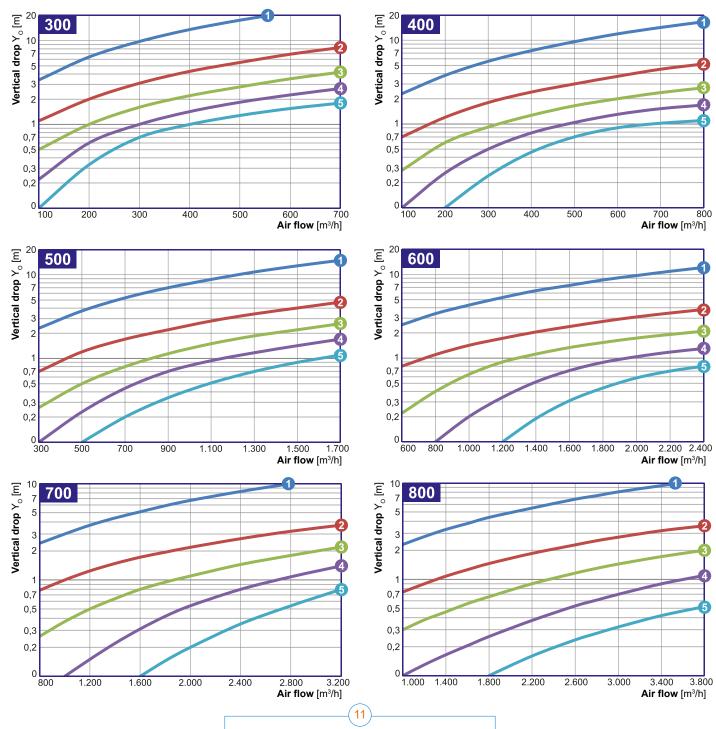


SD9.KR - HORIZONTAL STREAM VERTICAL DROP Y_0 CALCULATION (U₁ = 0,2 m/s)



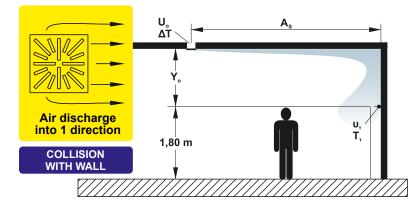
Curve 1
Horizontal stream vertical drop $Y_o[m] / A_s = 1 [m]$ Curve 2
Horizontal stream vertical drop $Y_o[m] / A_s = 2 [m]$ Curve 3
Horizontal stream vertical drop $Y_o[m] / A_s = 3 [m]$ Curve 4
Horizontal stream vertical drop $Y_o[m] / A_s = 4 [m]$ Curve 5
Horizontal stream vertical drop $Y_o[m] / A_s = 5 [m]$

AIRTECHNIC

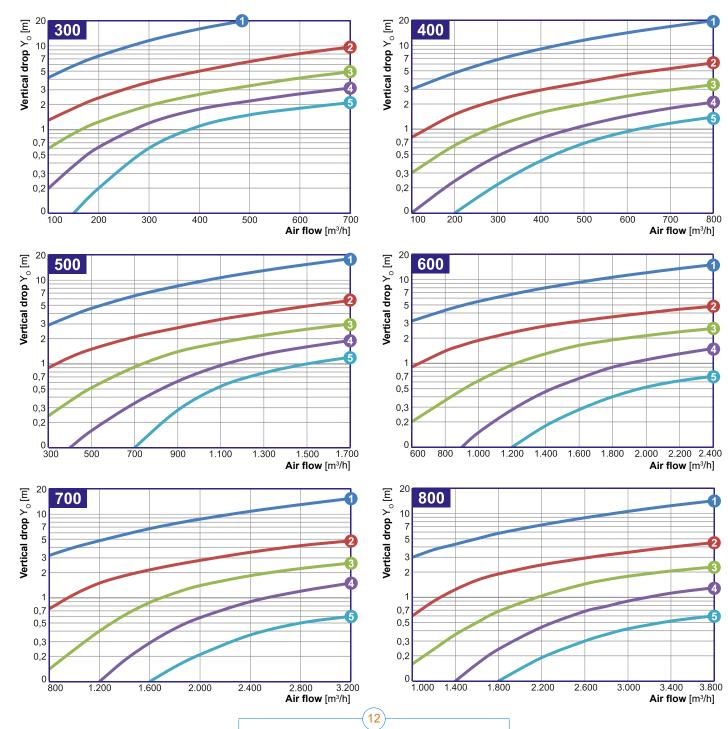


SD9.KK - HORIZONTAL STREAM VERTICAL DROP Y_o CALCULATION (U_T = 0,2 m/s)

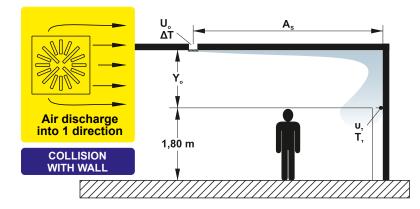
SD9



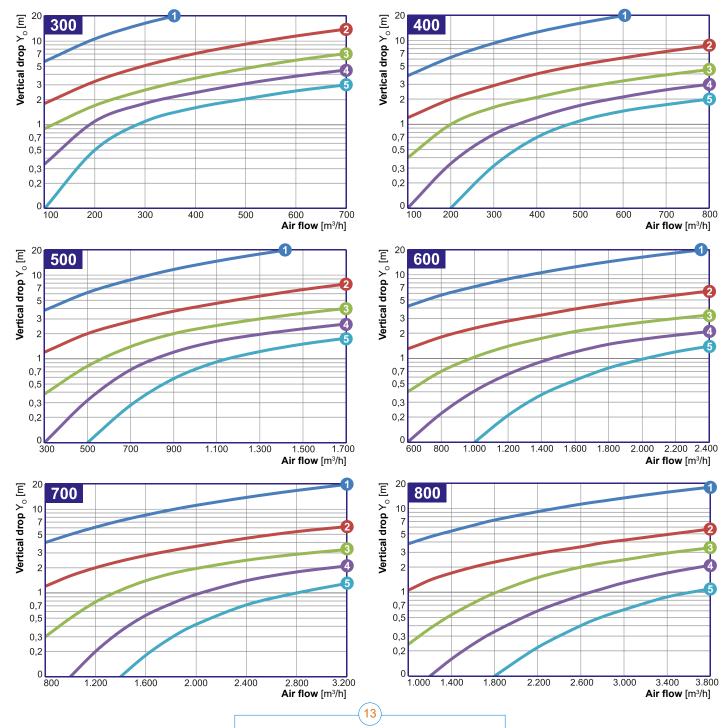
Curve 1 Horizontal stream vertical drop $Y_o[m] / A_s = 1[m]$ Curve 2 Horizontal stream vertical drop $Y_o[m] / A_s = 2[m]$ Curve 3 Horizontal stream vertical drop $Y_o[m] / A_s = 3[m]$ Curve 4 Horizontal stream vertical drop $Y_o[m] / A_s = 4[m]$ Curve 5 Horizontal stream vertical drop $Y_o[m] / A_s = 5[m]$



SD9.KR - HORIZONTAL STREAM VERTICAL DROP Y, CALCULATION (U, = 0,2 m/s)

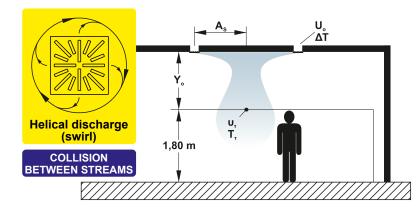


Curve 1 Horizontal stream vertical drop Y _o [m] / A _s = 1 [m]
Curve 2 Horizontal stream vertical drop Y _o [m] / A _s = 2 [m]
Curve 3 Horizontal stream vertical drop Y _o [m] / A _s = 3 [m]
Curve 4 Horizontal stream vertical drop Y _o [m] / A _s = 4 [m]
Curve 5 Horizontal stream vertical drop Y _o [m] / A _s = 5 [m]

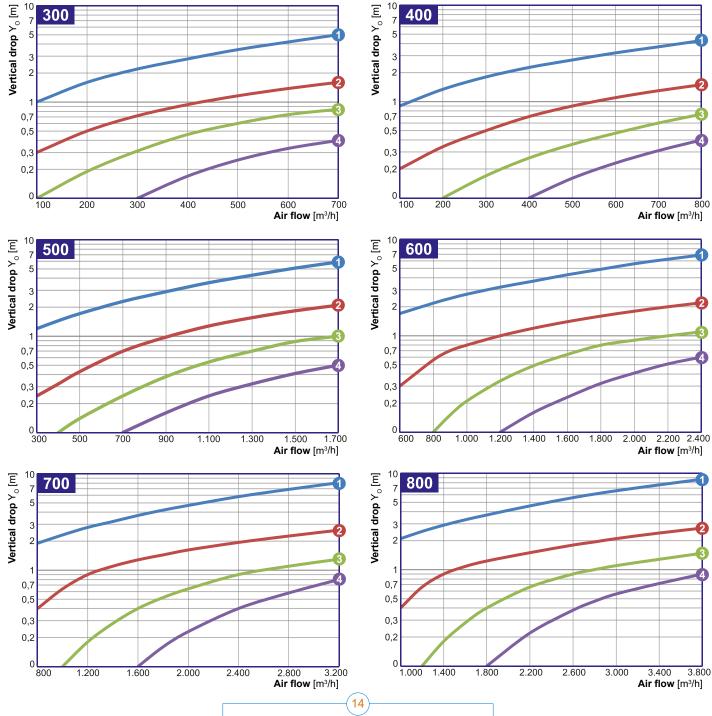


SD9.KK - HELICAL STREAM VERTICAL DROP Y₀ CALCULATION (U_T = 0,2 m/s)

SD9

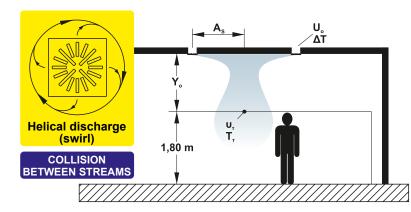


Curve 1
Helical stream vertical drop $Y_o[m] / A_s = 1[m]$ Curve 2
Helical stream vertical drop $Y_o[m] / A_s = 2[m]$ Curve 3
Helical stream vertical drop $Y_o[m] / A_s = 3[m]$ Curve 4
Helical stream vertical drop $Y_o[m] / A_s = 4[m]$

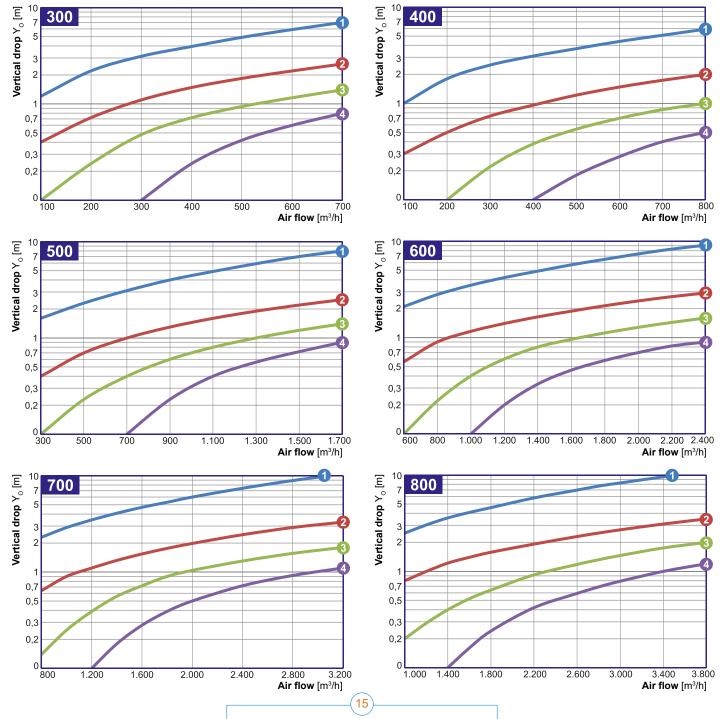




SD9.KR - HELICAL STREAM VERTICAL DROP Y_{0} CALCULATION (U₁ = 0,2 m/s)

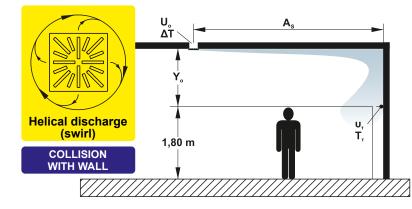


Curve 1 Helical stream vertical drop Y _o [m] / A _s = 1 [m]
Curve 2 Helical stream vertical drop Y _o [m] / A _s = 2 [m]
Curve 3 Helical stream vertical drop Y _o [m] / A _s = 3 [m]
Curve 4 Helical stream vertical drop Y _o [m] / A _s = 4 [m]

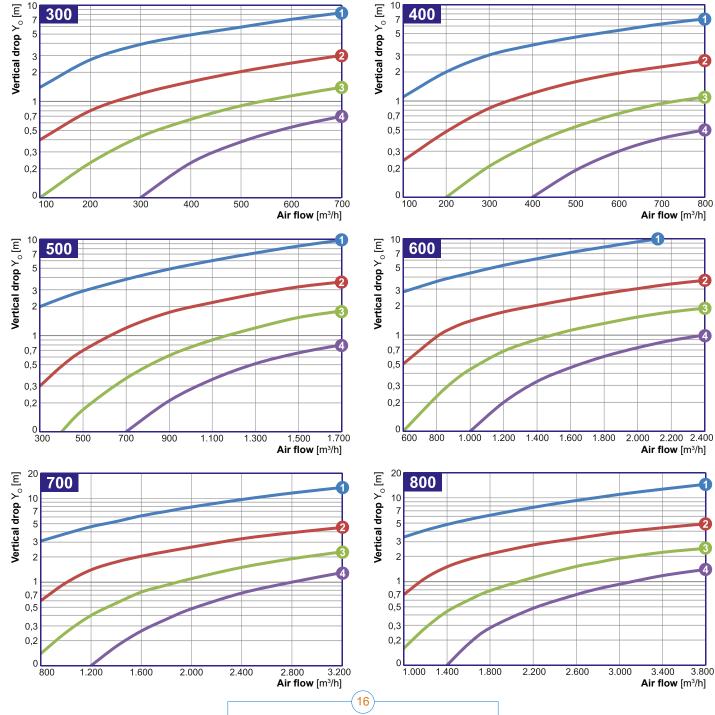


SD9.KK - HELICAL STREAM VERTICAL DROP Y_0 CALCULATION (U₇ = 0,2 m/s)

SD9

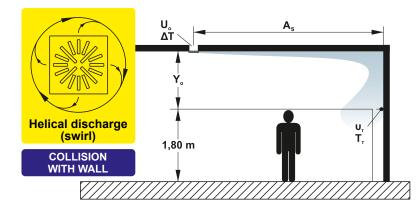


Curve 1
Helical stream vertical drop $Y_o[m] / A_s = 1 [m]$ Curve 2
Helical stream vertical drop $Y_o[m] / A_s = 2 [m]$ Curve 3
Helical stream vertical drop $Y_o[m] / A_s = 3 [m]$ Curve 4
Helical stream vertical drop $Y_o[m] / A_s = 4 [m]$

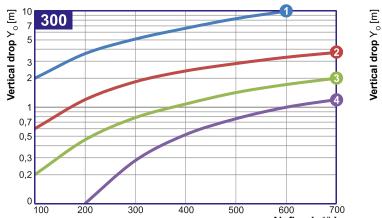


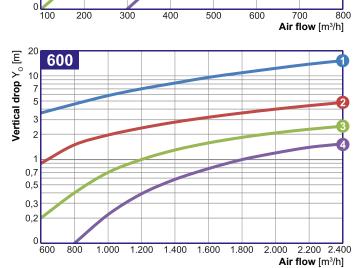


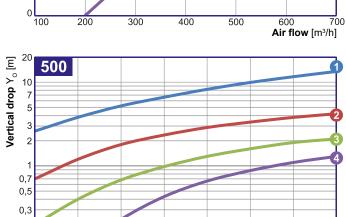
SD9.KR - HELICAL STREAM VERTICAL DROP Y_{a} CALCULATION (U₁ = 0,2 m/s)



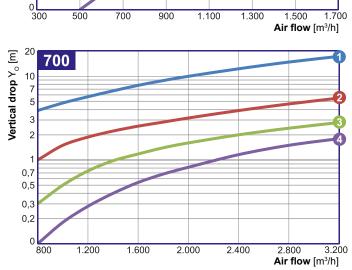
Curve 1 Helical stream vertical drop Y _o [m] / A _s = 1 [m]
Curve 2 Helical stream vertical drop Y _o [m] / A _s = 2 [m]
Curve 3 Helical stream vertical drop Y _o [m] / A _s = 3 [m]
Curve 4 Helical stream vertical drop Y _o [m] / A _s = 4 [m]

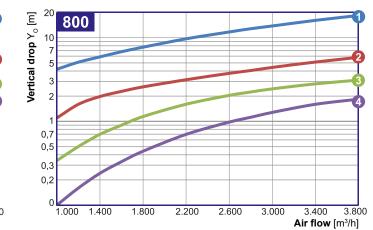






0,2





10

7

5 3

2

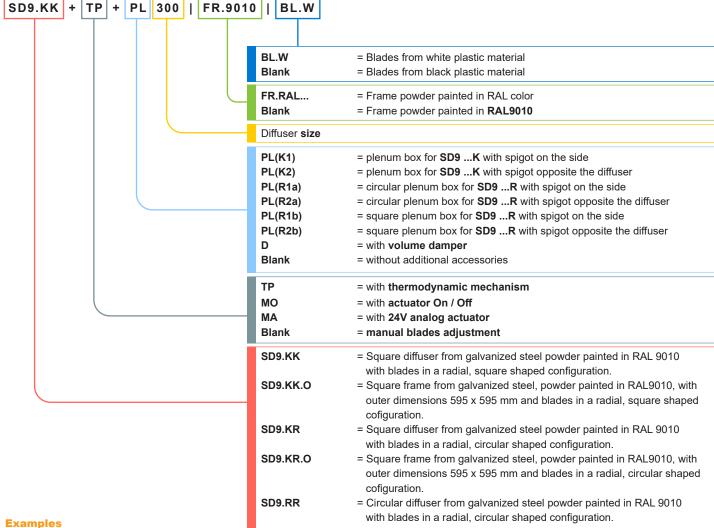
0,7

0,5

0,3 0,2 400

SD9 - ORDER

For the proper order of ceiling swirl diffusers SD9 please use the following code :



SD9.KR 400 + PL(K1) | FR.7040 =

Square diffuser SD9, size 400, made from galvanized steel, powder painted in RAL 7040, with black plastic blades in a radial, circular shaped configuration and plenum box with spigot on the side. Adjustment of the blades is done manually.

SD9.RR 600 + MA | BL.W =

Radial diffuser SD9, size 600, made from galvanized steel, powder painted in RAL 9010, with white plastic blades in a radial, circular shaped configuration. Blades adjustment is done automatically via 24V analog actuator.

SPECIFICATIONS

Ceiling swirl diffuser, with adjustable blades, SD9.KK

Ceiling swirl diffuser, indicative type SD9.KK by AIRTECHNIC, with square frame manufactured of aluminium powder painted in RAL 9010 color and slots with independent, manually adjustable or grouped, automatically adjustable plastic blades [in black or white color] in a radial, square shaped configuration. The blade angle adjustment will be achieved manually [SD9.KK] / automatically via thermodynamic piston [SD9.KK+TP] / automatically via actuator On / Off 230V [SD9.KK+MO] / automatically via analog actuator 24V [SD9.KK+MA]. The manufacturer will have performed measurements of the technical characteristics of the diffuser, in an independent laboratory according to the standard ELOT CR 1752:1998. It will have a volume damper [D] / plenum box with spigot on the side [PL(K1)] / plenum box with spigot opposite the diffuser [PL(K2)]. It will be suitable for ceiling placement for air supply and visible installation with 4 screws on the diffuser's perimeter / with 1 screw on the diffuser's center. The factory will be certified according to ISO 9001:2015 (Quality Management Systems) and according to ISO 14001:2015 (Environmental Management Systems). It will be manufactured by AIRTECHNIC type SD9.KK

It will be manufactured by AIRTECHNIC type SD9.KK +PL(K1), +PL(K2) / SD9.KK +PL(K1), +PL(K2), +D

It will be manufactured by AIRTECHNIC type SD9.KK +TP / SD9.KK +TP, +PL(K1), +PL(K2) +D

It will be manufactured by AIRTECHNIC type SD9.KK +MO / SD9.KK +MO, +PL(K1), +PL(K2) +D

It will be manufactured by AIRTECHNIC type SD9.KK +MA / SD9.KK +MA, +PL(K1), +PL(K2) +D



Ceiling swirl diffuser, with adjustable blades, SD9.KR

Ceiling swirl diffuser, indicative type **SD9.KR** by **AIRTECHNIC**, with square frame manufactured of aluminium powder painted in RAL 9010 color and slots with independent, manually adjustable or grouped, automatically adjustable plastic blades [in black or white color] in a radial, circular shaped configuration. The blade angle adjustment will be achieved manually [**SD9.KR**] / automatically via thermodynamic piston [**SD9.KR+TP**] / automatically via actuator On / Off 230V [**SD9.KR+MO**] / automatically via analog actuator 24V [**SD9.KR+MA**]. The manufacturer will have performed measurements of the technical characteristics of the diffuser, in an independent laboratory according to the standard ELOT CR 1752:1998. It will have a volume damper [**D**] / plenum box with spigot on the side [**PL(K1**)] / plenum box with spigot opposite the diffuser [**PL(K2**)]. It will be suitable for ceiling placement for air supply and visible installation with 4 screws on the diffuser's perimeter / with 1 screw on the diffuser's center. The factory will be certified according to ISO 9001:2015 (Quality Management Systems) and according to ISO 14001:2015 (Environmental Management Systems). Περιβαλλοντικής Διαχείρισης).

It will be manufactured by AIRTECHNIC type SD9.KR

It will be manufactured by AIRTECHNIC type SD9.KR +PL(K1), +PL(K2) / SD9.KR +PL(K1), +PL(K2), +D

It will be manufactured by AIRTECHNIC type SD9.KR +TP / SD9.KR +TP, +PL(K1), +PL(K2) +D

It will be manufactured by AIRTECHNIC type SD9.KR +MO / SD9.KR +MO, +PL(K1), +PL(K2) +D

It will be manufactured by AIRTECHNIC type SD9.KR +MA / SD9.KR +MA, +PL(K1), +PL(K2) +D

Ceiling swirl diffuser, with adjustable blades, SD9.RR

Ceiling swirl diffuser, indicative type **SD9.RR** by **AIRTECHNIC**, with circular frame manufactured of aluminum powder painted in RAL 9010 color and slots with independent, manually adjustable or grouped, automatically adjustable plastic blades [in black or white color] in a radial, circular shaped configuration. The blade angle adjustment will be achieved manually [**SD9.RR**] / automatically via thermodynamic piston [**SD9.RR+TP**] / automatically via actuator On / Off 230V [**SD9.RR+MO**] / automatically via analog actuator 24V [**SD9.RR+MA**]. The manufacturer will have performed measurements of the technical characteristics of the diffuser, in an independent laboratory according to the standard ELOT CR 1752:1998. It will have a volume damper [**D**] / circular plenum box with spigot on the side [**PL(R1a**)] / circular plenum box with spigot opposite the diffuser [**PL(R2a**)] / square plenum box with spigot on the side [**PL(R1b**)] / square plenum box with spigot opposite the diffuser [**PL(R2b**)]. It will be suitable for ceiling placement for air supply and visible installation with 4 screws on the diffuser's perimeter / with 1 screw on the diffuser's center. The factory will be certified according to ISO 14001:2015 (Environmental Management Systems).

It will be manufactured by AIRTECHNIC type SD9.RR

It will be manufactured by AIRTECHNIC type SD9.RR +PL(R1a), +PL(R2a) / SD9.RR +PL(R1a),+PL(R2a),+D It will be manufactured by AIRTECHNIC type SD9.RR +PL(R1b), +PL(R2b) / SD9.RR +PL(R1b),+PL(R2b),+D It will be manufactured by AIRTECHNIC type SD9.RR +TP / SD9.RR +TP, +PL(K1), +PL(K2) +D It will be manufactured by AIRTECHNIC type SD9.RR +MO / SD9.RR +MO, +PL(K1), +PL(K2) +D

It will be manufactured by AIRTECHNIC type SD9.RR +MA / SD9.RR +MA, +PL(K1), +PL(K2) +D

Ceiling swirl diffuser, with adjustable blades, SD9.KK.O

Ceiling swirl diffuser, indicative type **SD9.KK.O** by **AIRTECHNIC**, with square frame 595 x 595 mm (external dimensions) manufactured of galvanized steel powder painted in RAL 9010 color and slots with independent, manually adjustable or grouped, automatically adjustable plastic blades [in black or white color] in a radial, square shaped configuration. The blade angle adjustment will be achieved manually [**SD9.KK.O**] / automatically via thermodynamic piston [**SD9.KK.O** +**TP**] / automatically via actuator On / Off 230V [**SD9.KK.O** +**MO**] / automatically via analog actuator 24V [**SD9.KK.O** +**MA**]. The manufacturer will have performed measurements of the technical characteristics of the diffuser, in an independent laboratory according to the standard ELOT CR 1752:1998. It will have a volume damper [**D**] / plenum box with spigot on the side [**PL(K1**)] / plenum box with spigot opposite the diffuser [**PL(K2**]]. It will be suitable for false ceiling placement for air supply and visible installation without screws (by replacing a false ceiling plate 600 x 600). The factory will be certified according to **ISO 9001:2015** (Quality Management Systems) and according to **ISO 14001:2015** (Environmental Management Systems).

It will be manufactured by AIRTECHNIC type SD9.KK.O

It will be manufactured by AIRTECHNIC type SD9.KK.O +PL(K1), +PL(K2) / SD9.KK.O +PL(K1), +PL(K2), +D It will be manufactured by AIRTECHNIC type SD9.KK.O +TP / SD9.KK.O +TP, +PL(K1), +PL(K2) +D It will be manufactured by AIRTECHNIC type SD9.KK.O +MO / SD9.KK.O +MO, +PL(K1), +PL(K2) +D It will be manufactured by AIRTECHNIC type SD9.KK.O +MA / SD9.KK.O +MA, +PL(K1), +PL(K2) +D

Ceiling swirl diffuser, with adjustable blades, SD9.KR.O

Ceiling swirl diffuser, indicative type **SD9.KR.O** by **AIRTECHNIC**, with square frame 595 x 595 mm (external dimensions) manufactured of galvanized steel powder painted in RAL 9010 color and slots with independent, manually adjustable or grouped, automatically adjustable plastic blades [in black or white color] in a radial, circular shaped configuration. The blade angle adjustment will be achieved manually [**SD9.KR.O**] / automatically via thermodynamic piston [**SD9.KR.O** +**TP**] / automatically via actuator On / Off 230V [**SD9.KR.O** +**MO**] / automatically via analog actuator 24V [**SD9.KR.O** +**MA**]. The manufacturer will have performed measurements of the technical characteristics of the diffuser, in an independent laboratory according to the standard ELOT CR 1752:1998. It will have a volume damper [**D**] / plenum box with spigot on the side [**PL(K1**)] / plenum box with spigot opposite the diffuser [**PL(K2**]]. It will be suitable for false ceiling placement for air supply and visible installation without screws (by replacing a false ceiling plate 600 x 600). The factory will be certified according to **ISO 9001:2015** (Quality Management Systems) and according to **ISO 14001:2015** (Environmental Management Systems).

It will be manufactured by AIRTECHNIC type SD9.KR.O

It will be manufactured by AIRTECHNIC type SD9.KR.O +PL(K1), +PL(K2) / SD9.KR.O +PL(K1), +PL(K2), +D

It will be manufactured by AIRTECHNIC type SD9.KR.O +TP / SD9.KR.O +TP, +PL(K1), +PL(K2) +D

It will be manufactured by AIRTECHNIC type SD9.KR.O +MO / SD9.KR.O +MO, +PL(K1), +PL(K2) +D

It will be manufactured by AIRTECHNIC type SD9.KR.O +MA / SD9.KR.O +MA, +PL(K1), +PL(K2) +D







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