Katalog J4(D)

JAKKA plafonski kvadratni anemostat

Catalog J4(D)

JAKKA square ceiling diffuser



JAK-KA GROUP
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2016
www.jakkagroup.com

J.2.A

Sadržaj

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Jakka Group se trudi da tehničke karakteristike, opisi, fotografije i cene u katalozima i cenovnicima budu što tačniji, ali ne možemo da garantujemo da su sve informacije kompletne i bez grešaka. S toga Vas molimo, u cilju bolje saradnje, da pre konačne odluke proverite podatke sa prodavcem sa kojim sarađujete, kako bismo izbegli moguće greške. Jakka Group zadržava pravo promene svih informacija u katalazima, uputstvima i cenovnicima bez prethodne najave.

Model: **J4 : Kradratni plafonski anemostat sa nepomičnim ili podesivim ravnim lamelama.**

Materijal: **Ram je izrađen od ekstrudiranog aluminijumskog profila, dok su lamele izlivene u kalupu.**

Namena: **Kvadratni plafonski anemostat sa ravnim lamelama može da se koristi i za ubacivanje i za izvlačenje vazduha u datu prostoriju.**

Površinska žaštita:
*** Eloksirani aluminijum (standardno)**
*** Na zahtev, farbanje u RAL boje**

Ugradnja:
*** Zavrtnjima (izbušeni otvori) (standardno)**
*** Klipse**
*** Oprugom**

Dodaci:
*** D: Regulator protoka (damper) sa paralelnim lamelama (standardno)**
*** R: Regulator protoka (damper) sa suprotnosmernim lamelama**
*** PK: Plenum kutija**
*** SB: Montažni ram**

Model: J4 : Square ceiling diffuser, with fixed or adjustable inside body and flat blades.

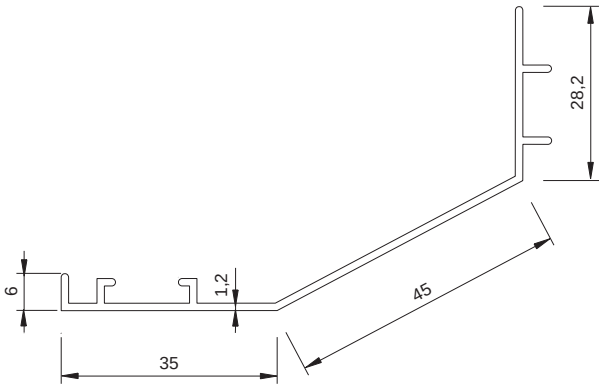
Material: Product frame is manufactured from extruded aluminium profile, its blades are manufactured by forming aluminium sheet in the mold,as for.

Usage: Flat blade square ceiling diffusers carry out the function of supplying the air from ventilation ducts to ambiance and extracting the polluted air from ambiance.

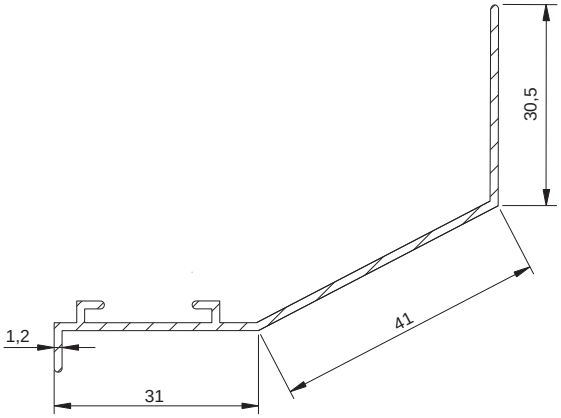
Coating :
*Aluminium anodic oxidation (standard)
*On request, paint in RAL colors

Installation:
*Installation with screw (standard)
*Installation with clips
*Installation with spring

Accessory:
*D : Parallel blade damper (standard)
*R : Opposed blade damper
*PK : Plenum box
*SB : Subframe



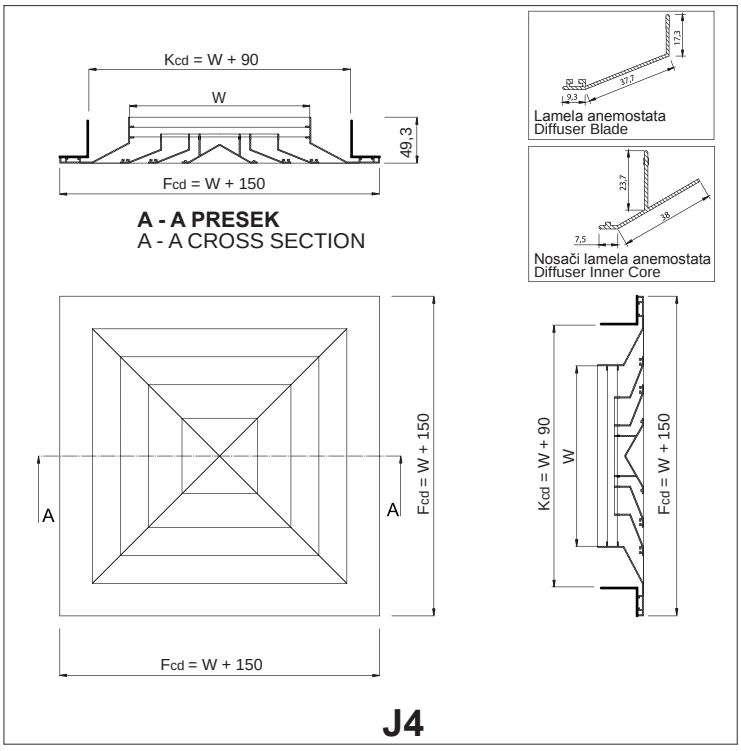
J4F35 (35 mm Ram)
(35 mm Frame)

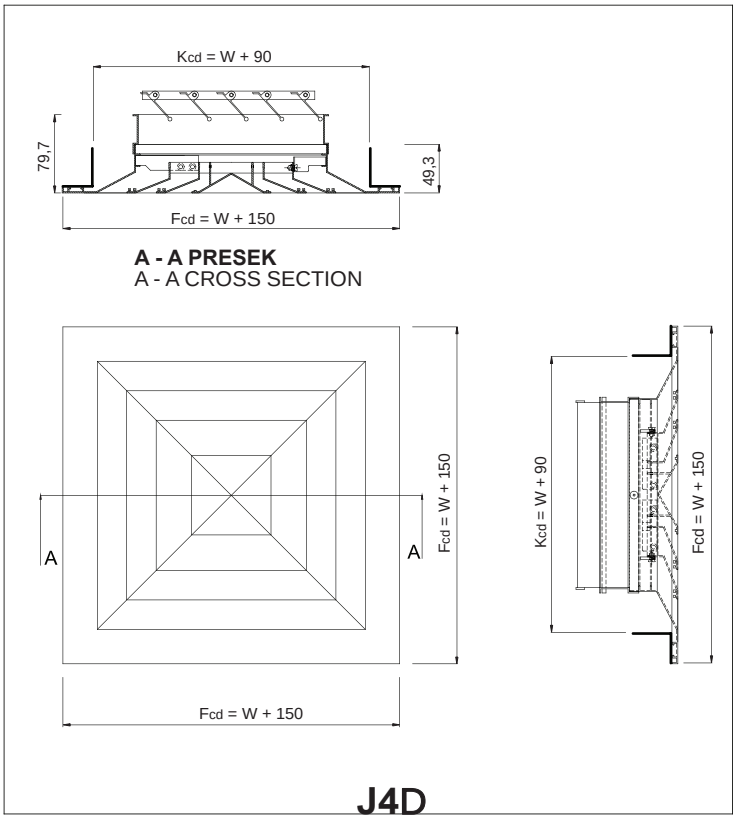


SB31 (31 mm Ram za montažu)
(31 mm Subframe)

J4F (mm) : Ram (Diffuser frame)

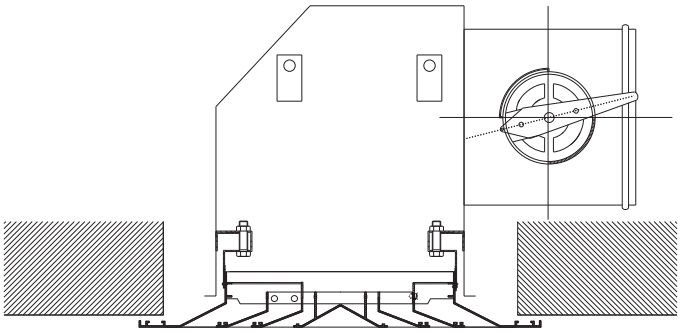
SB (mm) : Ram za montažu (Diffuser subframe)





W (mm) : **Dužna grla** (Neck length)
K_{cd} (mm) : **Nominalna dužina kanala** (Nominal duct width)
F_{cd} (mm) : **Dužina rama** (Frame length)

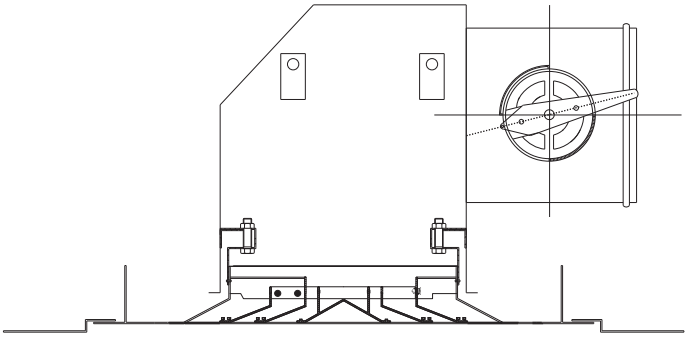
UGRADNJA NA PLAFON OD GIPSANIH PLOČA
PLASTERBOARD CEILING FIXING



Plenum kutija
Plenum Box

Plafon od gipsanih ploča
Plasterboard Ceiling

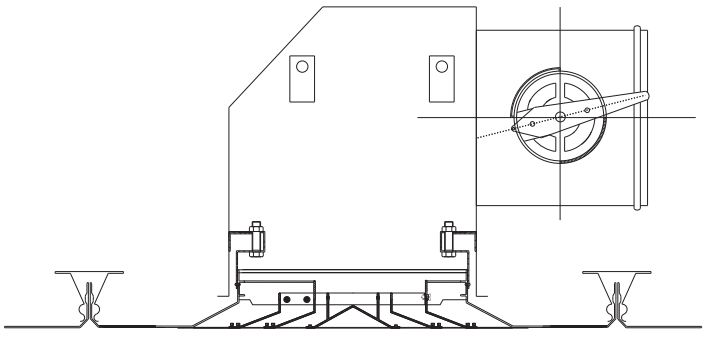
UGRADNJA NA VISEĆI PLAFON
HANGING CEILING FIXING



Plenum kutija
Plenum Box

Viseći plafon
Hanging Ceiling

UGRADNJA NA PLAFONE SA ŠTIPALJKA NOSAČIMA (CLIP-IN)
CLIP - IN CEILING FIXING

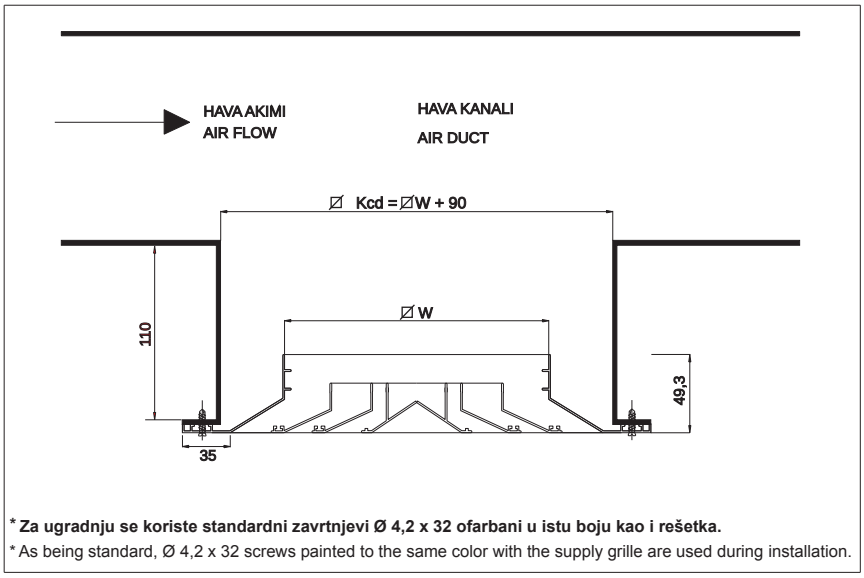


Plenum kutija
Plenum Box

Plafon sa štiopaljkama
Clip - in Ceiling

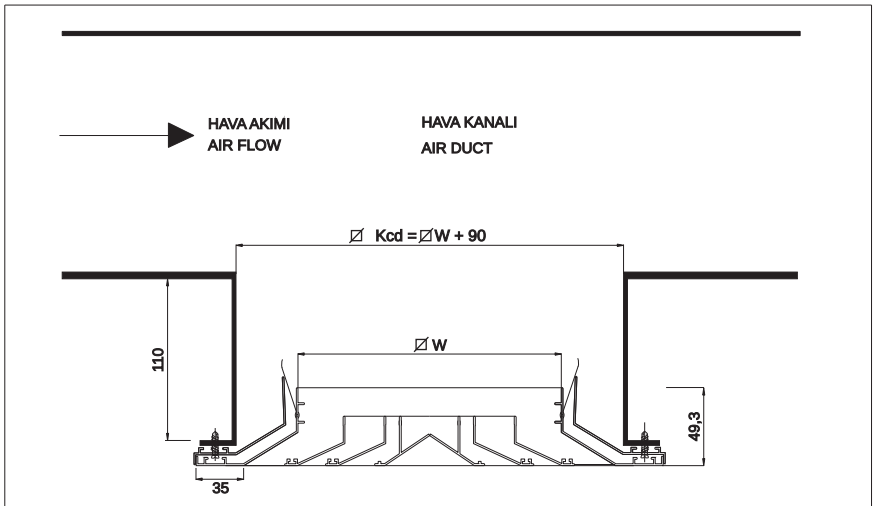
I. Ugradnja u kanal
Fixing to Duct

I.A. Zavrtnjima
Fixing with Screw



* **Za ugradnju se koriste standardni zavrtnjevi Ø 4,2 x 32 ofarbani u istu boju kao i rešetka.**
* As being standard, Ø 4,2 x 32 screws painted to the same color with the supply grille are used during installation.

I.B. Klipsama
Fixing with Plate Spring



* **Za ugradnju se koriste standardni zavrtnjevi Ø 4,2 x 32 ofarbani u istu boju kao i rešetka.**
* As being standard, Ø 4,2 x 32 screws painted to the same color with the supply grille are used during installation.

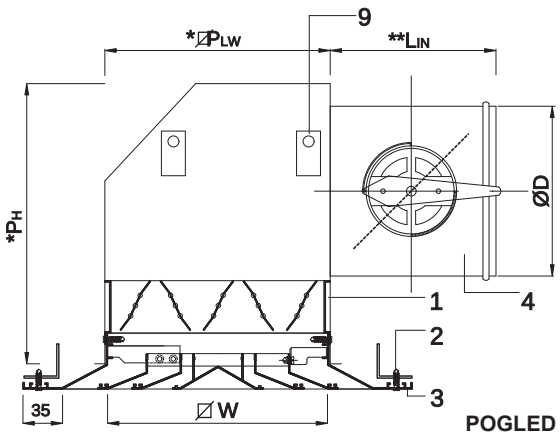
W (mm) : **Dužina grla** (Neck length)
K_{cd} (mm) : **Nominalna dužina kanala** (Nominal duct width)

II. Ugradnja na plenum kutiju
Fixing to Plenum Box

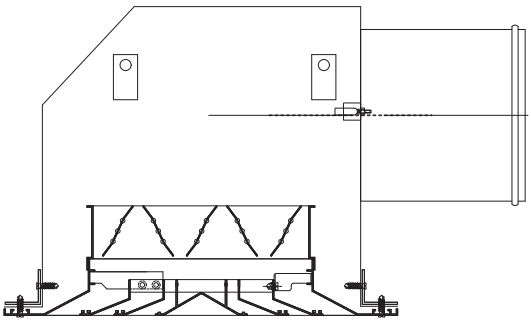
II.A. Zavrtnjima (bez izolacije)
Fixing with Screw (without Isolation)

II.A.a. Dovod vazduha s boka
Side Entry Fixing

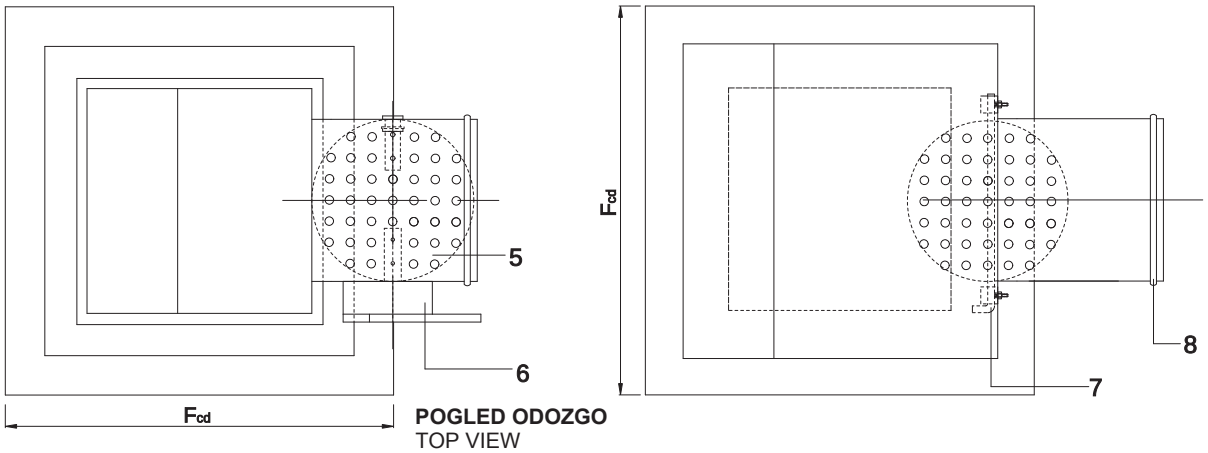
REGULATOR PROTOKA SA SPOLJAŠNJIM PODEŠAVANJEM
EXTERNALLY COMMANDED VOLUME CONTROL DAMPER



REGULATOR PROTOKA SA UNUTRAŠNJIM PODEŠAVANJEM
INTERNALLY COMMANDED VOLUME CONTROL DAMPER



POGLED S BOKA
SIDE VIEW



POGLED ODOZGO
TOP VIEW

*PH' = 250 (mm)
*⍁PLW =⍁W + 15 (mm) ili (or) *⍁PLW =⍁W + 90 (mm)
**LIN = ØD/2 + 150 (mm)

1	**Plenum kutija**
2	**Zavrtanj**
3	**Anemostat**
4	**Usis**
5	**Regulator protoka (Damper)**
6	**Reg. protoka spoljašnje podešavanje**
7	**Reg. protoka unutrašnje podešavanje**
8	**Priključak**
9	**Nosači**

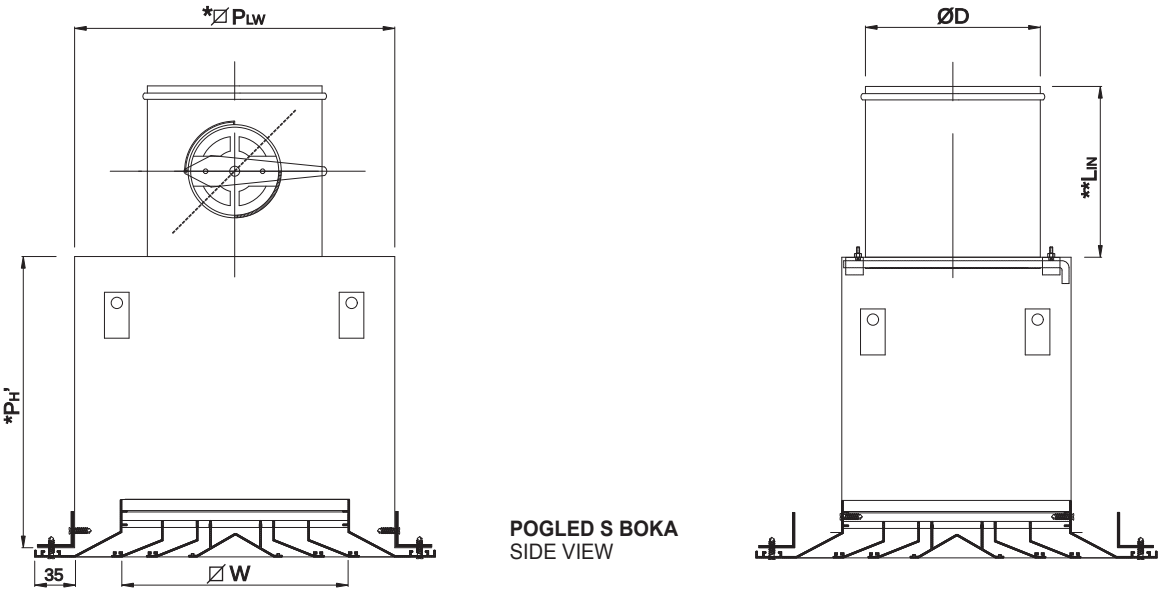
1	Plenum box
2	Installation screw
3	Diffuser
4	Inlet
5	Volume control damper
6	Damper external command
7	Damper internal command
8	Cordon
9	Hangers

W (mm) : Dužina vrata (Neck length)
LIN (mm) : Dužina dovodnog priključka (Inlet length)
PH' (mm) : Visina plenum kutije (Plenum box height)
PLW (mm): Dužina plenum kutije (Plenum box length)
ØD(mm) : Prečnik dovodnog priključka (Inlet diameter)
Fcd (mm) : Dužina rama (Frame length)

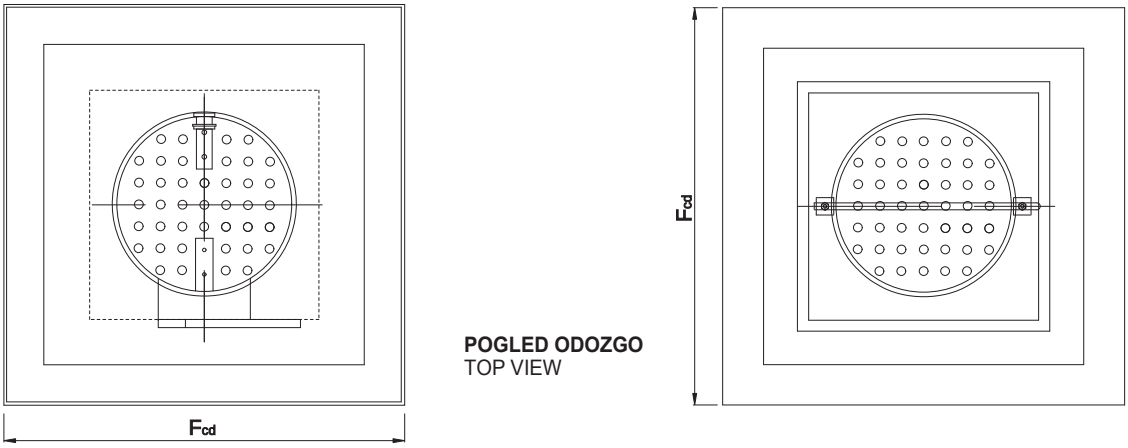
II.A.b. Dovod vazduha odozgo
Top Entry Fixing

REGULATOR PROTOKA SA SPOLJAŠNJIM PODEŠAVANJEM
EXTERNALLY COMMANDED VOLUME CONTROL DAMPER

REGULATOR PROTOKA SA UNUTRAŠNJIM PODEŠAVANJEM
INTERNALLY COMMANDED VOLUME CONTROL DAMPER



POGLED S BOKA
SIDE VIEW



POGLED ODOZGO
TOP VIEW

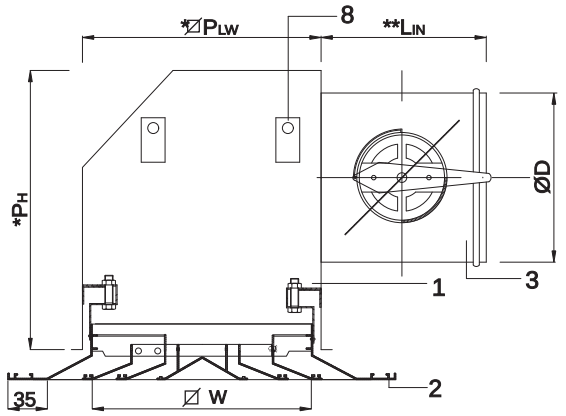
*PH' = 250 (mm)
*⍁PLW =⍁W + 15 (mm) ili (or) *⍁PLW =⍁W + 90 (mm)
**LIN = ØD/2 + 150 (mm)

W (mm) : Dužina vrata (Neck length)
LIN (mm) : Dužina dovodnog priključka (Inlet length)
PH' (mm) : Visina plenum kutije (Plenum box height)
PLW (mm): Dužina plenum kutije (Plenum box length)
ØD(mm) : Prečnik dovodnog priključka (Inlet diameter)
Fcd (mm) : Dužina rama (Frame length)

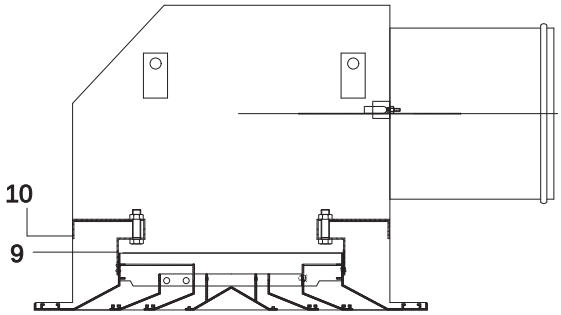
II.B.a. Klipsama (bez izolacije)
Fixing with Plate Spring (without Isolation)

II.B.a.I. Dovod vazduha s boka
Side Entry Fixing

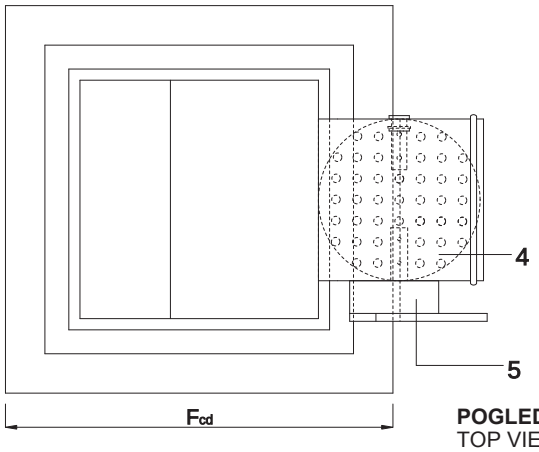
REGULATOR PROTOKA SA SPOLJAŠNJIM PODEŠAVANJEM
EXTERNALLY COMMANDED VOLUME CONTROL DAMPER

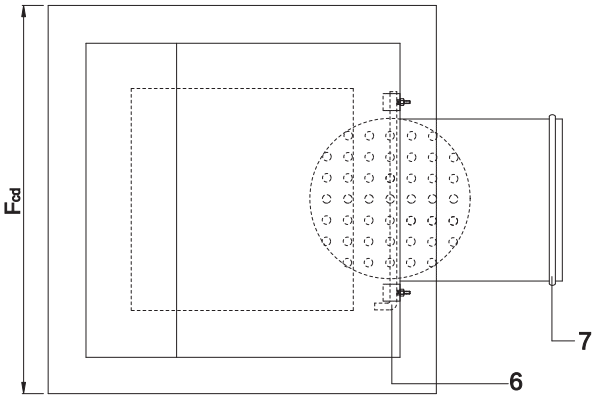


REGULATOR PROTOKA SA UNUTRAŠNJIM PODEŠAVANJEM
INTERNALLY COMMANDED VOLUME CONTROL DAMPER



POGLED S BOKA
SIDE VIEW





POGLED ODOZGO
TOP VIEW

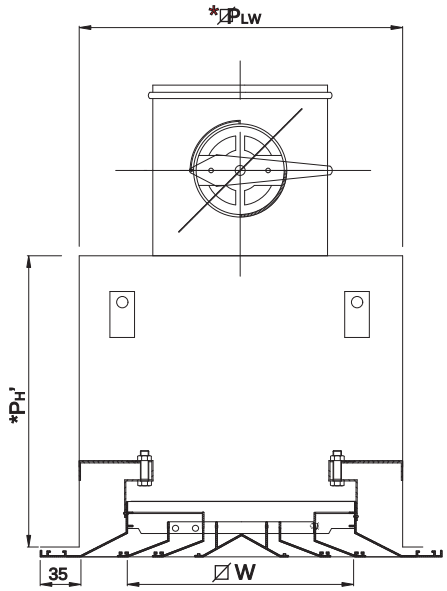
*PH' = 250 (mm)
*⍁PLW =⍁W + 30 (mm) ili (or) *⍁PLW =⍁W + 90 (mm)
**LIN = ØD/2 + 150 (mm)

1	**Plenum kutija**	1	Plenum box
2	**Anemostat**	2	Diffuser
3	**Usis**	3	Inlet
4	**Regulator protoka (Damper)**	4	Volume control damper
5	**Reg. protoka spoljašnje podešavanje**	5	Damper external command
6	**Reg. protoka unutrašnje podešavanje**	6	Damper internal command
7	**Priključak**	7	Cordon
8	**Nosači**	8	Hangers
9	**Klipse**	9	Concealed screw
10	**Nosači klipsi**	10	Concealed holding bar

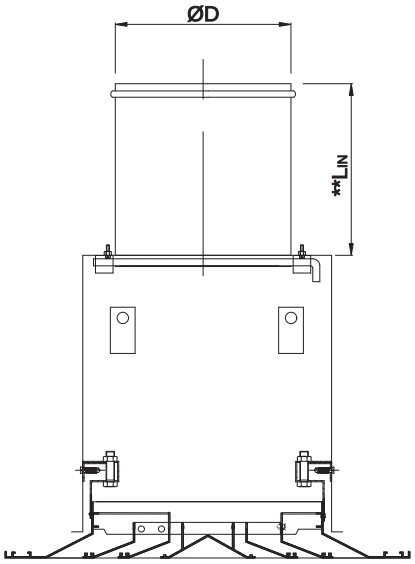
W (mm) : Dužina vrata (Neck length)
LIN (mm) : Dužina dovodnog priključka (Inlet length)
PH' (mm) : Visina plenum kutije (Plenum box height)
PLW (mm): Dužina plenum kutije (Plenum box length)
ØD(mm) : Prečnik dovodnog priključka (Inlet diameter)
Fcd (mm) : Dužina rama (Frame length)

II.B.a.II. Dovod vazduha odozgo
Top Entry Fixing

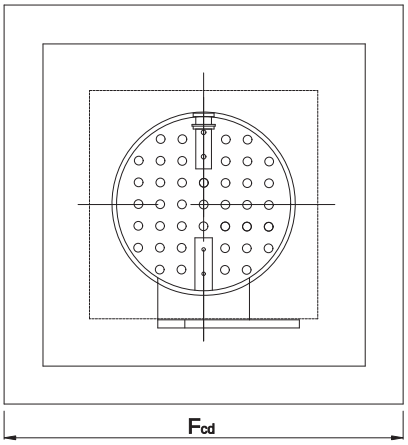
REGULATOR PROTOKA SA SPOLJAŠNJIM PODEŠAVANJEM
EXTERNALLY COMMANDED VOLUME CONTROL DAMPER



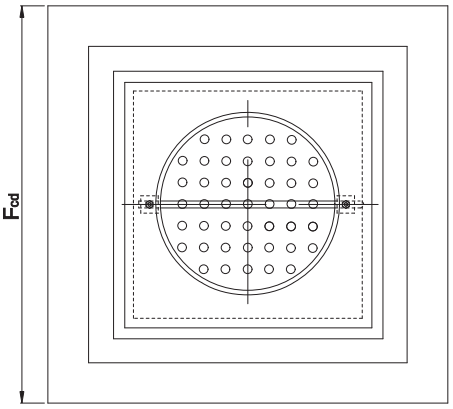
REGULATOR PROTOKA SA UNUTRAŠNJIM PODEŠAVANJEM
INTERNALLY COMMANDED VOLUME CONTROL DAMPER



POGLED S BOKA
SIDE VIEW



POGLED ODOZGO
TOP VIEW



*PH' = 250 (mm)
*⌀PLW =⌀W + 30 (mm) ili (or) *⌀PLW =⌀W + 90 (mm)
**LIN = ØD/2 + 150 (mm)

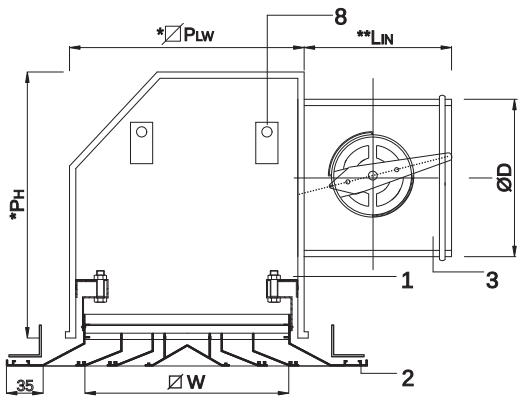
W (mm) : Dužina vrata (Neck length)
LIN (mm) : Dužina dovodnog priključka (Inlet length)

PH' (mm) : Visina plenum kutije (Plenum box height)
PLW (mm): Dužina plenum kutije (Plenum box length)

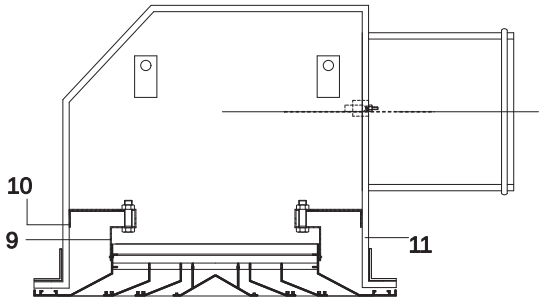
ØD(mm) : Prečnik dovodnog priključka (Inlet diameter)
Fcd (mm) : Dužina rama (Frame length)

II.B.b. Dovod vazduha s boka (sa izolacijom)
Side Entry Fixing (with Isolation)

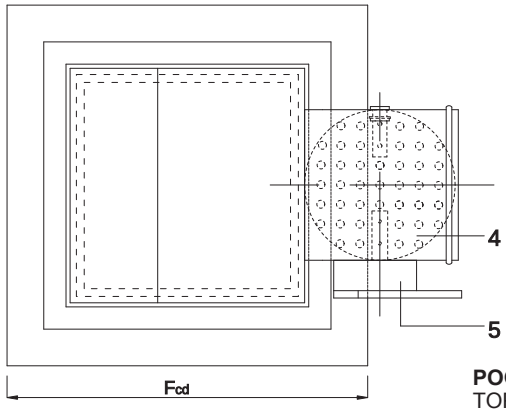
REGULATOR PROTOKA SA SPOLJAŠNJIM PODEŠAVANJEM
EXTERNALLY COMMANDED VOLUME CONTROL DAMPER

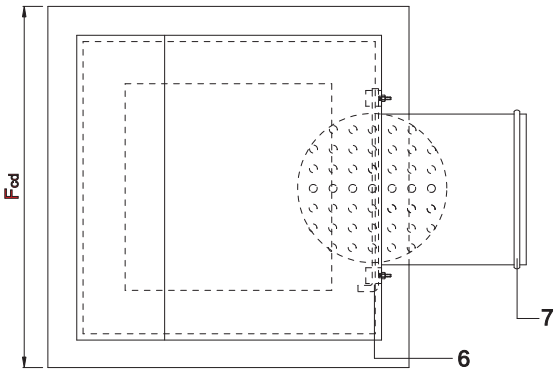


REGULATOR PROTOKA SA UNUTRAŠNJIM PODEŠAVANJEM
INTERNALLY COMMANDED VOLUME CONTROL DAMPER



POGLED S BOKA
SIDE VIEW





POGLED ODOZGO
TOP VIEW

*PH' = 250 (mm)
*⍁PLW =⍁W + 30 (mm) ili (or) *⍁PLW =⍁W + 90 (mm)
**LIN = ØD/2 + 150 (mm)

1	**Plenum kutija**	1	Plenum box
2	**Anemostat**	2	Diffuser
3	**Usis**	3	Inlet
4	**Regulator protoka (Damper)**	4	Volume control damper
5	**Reg. protoka spoljašnje podešavanje**	5	Damper external command
6	**Reg. protoka unutrašnje podešavanje**	6	Damper internal command
7	**Priključak**	7	Cordon
8	**Nosači**	8	Hangers
9	**Klipse**	9	Concealed screw
10	**Nosači klipsi**	10	Concealed holding bar
11	**Izolacija**	11	Isolation

W (mm) : Dužina vrata (Neck length)
LIN (mm) : Dužina dovodnog priključka (Inlet length)
PH' (mm) : Visina plenum kutije (Plenum box height)
PLW (mm): Dužina plenum kutije (Plenum box length)
ØD(mm) : Prečnik dovodnog priključka (Inlet diameter)
Fcd (mm) : Dužina rama (Frame length)

V [m³/h] [l / s]		⍁W (mm) $A_{eff.}$ (m²)						
		150 x 150 0,015	225 x 225 0,026	300 x 300 0,040	375 x 375 0,058	450 x 450 0,078	525 x 525 0,081	600 x 600 0,115
150 (41,7)	ueff. (m/s)	2,8						
	Dt (m)	0,8						
	ΔPtot. (Pa)	4,7						
	SPL (dBA)	22						
200 (55,6)	ueff. (m/s)	3,9	2,4					
	Dt (m)	1,1	0,9					
	ΔPtot. (Pa)	9,1	3,5					
	SPL (dBA)	28	20					
250 (69,4)	ueff. (m/s)	4,8	3	2,4				
	Dt (m)	1,4	1,1	0,9				
	ΔPtot. (Pa)	13,7	5,4	3,5				
	SPL (dBA)	33	25	22				
300 (83,3)	ueff. (m/s)	5,7	3,7	2,9	2,3			
	Dt (m)	1,7	1,3	1,2	1			
	ΔPtot. (Pa)	19,4	8	5	3,1			
	SPL (dBA)	37	29	25	21			
350 (97,2)	ueff. (m/s)	6,8	4,2	3,4	2,7			
	Dt (m)	2	1,6	1,3	1,2			
	ΔPtot. (Pa)	28	11	6,5	4,2			
	SPL (dBA)	40	33	28	24			
400 (111,1)	ueff. (m/s)	7,7	4,8	3,8	3			
	Dt (m)	2,3	1,8	1,6	1,4			
	ΔPtot. (Pa)	36	13,7	8,6	5,4			
	SPL (dBA)	42	35	31	27			
500 (138,9)	ueff. (m/s)		6	4,8	3,7			
	Dt (m)		2,3	2	1,8			
	ΔPtot. (Pa)		22	14	8,5			
	SPL (dBA)		39	36	32			
600 (166,7)	ueff. (m/s)		7,2	5,8	4,4	2,4	2,2	
	Dt (m)		2,7	2,4	2,1	1,5	1,4	
	ΔPtot. (Pa)		31,3	20,3	12	3,5	2,8	
	SPL (dBA)		43	39	35	24	23	
800 (222,2)	ueff. (m/s)			7,6	5,8	3,1	2,8	2
	Dt (m)			3,2	2,8	2	1,9	1,6
	ΔPtot. (Pa)			34	20,4	5,7	5	2,4
	SPL (dBA)			45	41	30	29	23
1000 (277,8)	ueff. (m/s)				7,4	3,8	3,5	2,4
	Dt (m)				3,6	2,5	2,4	1,9
	ΔPtot. (Pa)				31,3	8,5	7,4	3,5
	SPL (dBA)				45	34	33	27
1500 (416,7)	ueff. (m/s)					5,7	5,2	3,6
	Dt (m)					3,8	3,6	3
	ΔPtot. (Pa)					20,3	16,8	8
	SPL (dBA)					43	42	35
2000 (555,6)	ueff. (m/s)					7,5	7	4,8
	Dt (m)					5,2	5	4,1
	ΔPtot. (Pa)					34	29	13,7
	SPL (dBA)					49	47	42
3000 (833,3)	ueff. (m/s)							7,5
	Dt (m)							6,4
	ΔPtot. (Pa)							34
	SPL (dBA)							50

Tabela standardnih dimenzija
Standard Dimension Table

Samo za / Only for
J4 EL VD
J4D EL VD

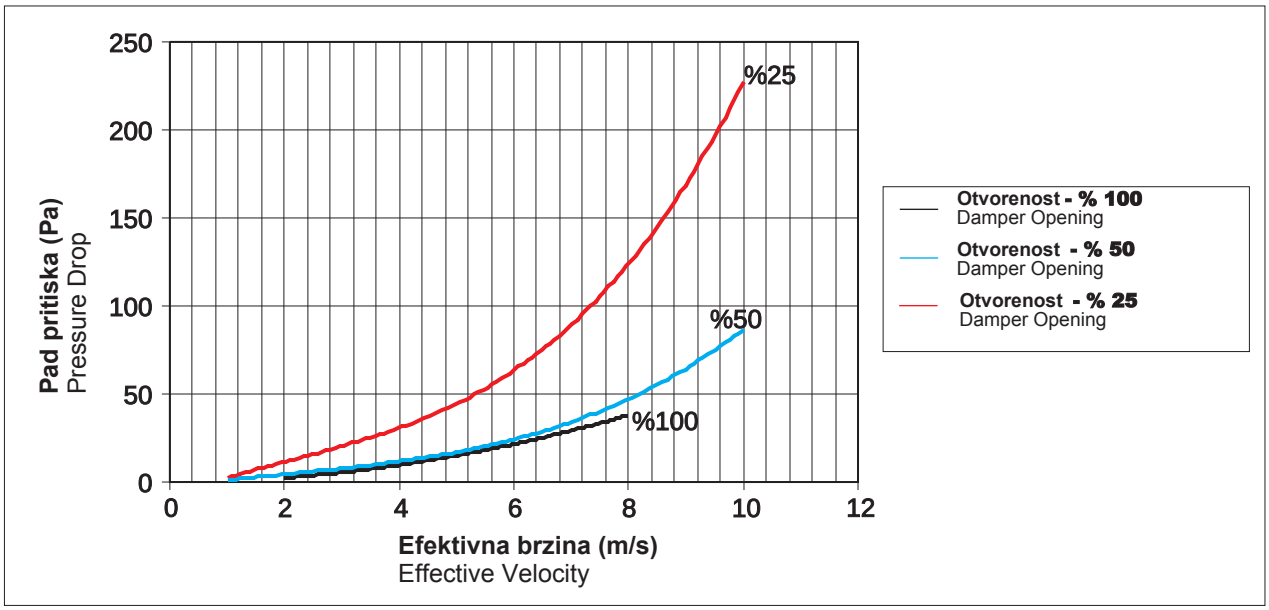
⍁W	150	225	300	375	445
⍁ K_{cd}	240	315	390	465	535
⍁ F_{cd}	300	375	450	525	595

Tabela efektivnih površina
Effective Areas Table

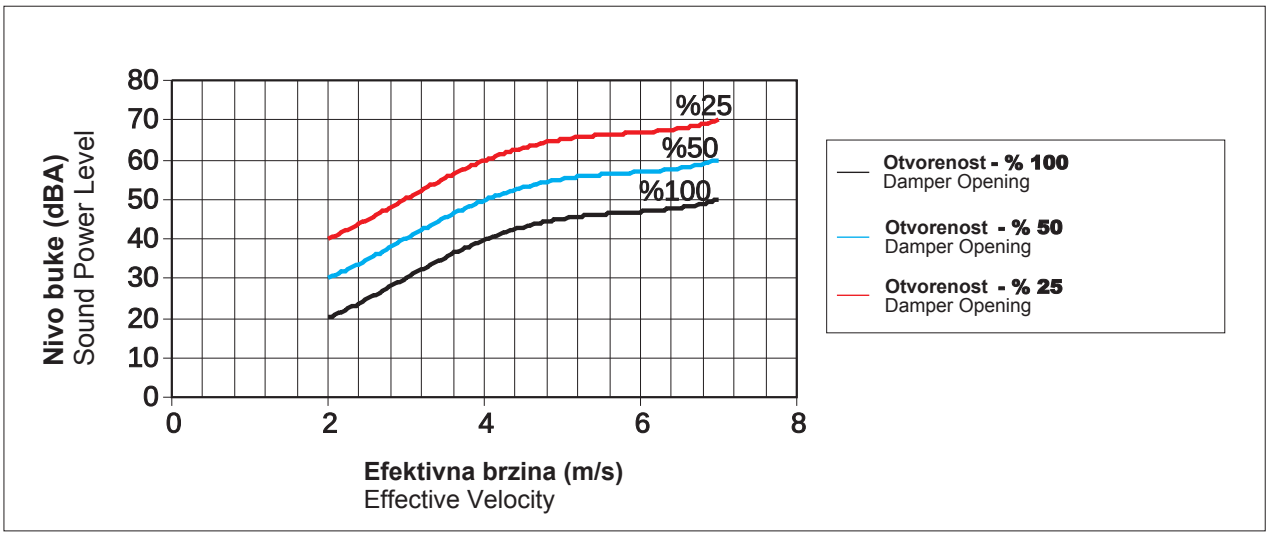
	⍁ W (mm)				
	150 x150	**225 x225**	**300x 300**	**375x 375**	**445 x 445**
$A_{eff.}$(m²)	0,015	0,026	0,040	0,058	0,075

V [m^3/h (L/s)] : **Protok** (Air flow rate)
SPL (dBA) : **Nivo buke** (Sound power level)
$u_{eff.}$ (m/s) : **Efektivna brzina** (Effective velocity)
$A_{eff.}$ (m^2) : **Efektivna površina** (Effective area)
D_t(m) : **Domet mlaza** (Throw distance)
$\Delta p_{tot.}$ (Pa) : **Ukupan pad pritiska** (Total pressure drop)
W (mm) : **Dužina grla** (Neck length)
K_{cd} (mm) : **Nominalna dužina kanala** (Nominal duct width)
F_{cd} (mm) : **Dužina rama** (Frame length)

Korekcioni dijagram pada pritiska (Regulator protoka na %100, %50 i %25 otvorenosti)
Pressure Drop Correction Diagram (Damper is %100, %50 and %25 open)



Korekcioni dijagram nivoa buke (Regulator protoka na %100, %50 i %25 otvorenosti)
Sound Power Level Correction Diagram (Damper is %100, %50 and %25 open)



ueff. (m/s) : **Efektivna brzina** (Effective velocity)
ΔP_{tot} (Pa) : **Ukupan pad pritiska** (Total pressure drop)
SPL (dBA) : **Nivo buke** (Sound power level)

Kod za poručivanje
Ordering Code

	Model Model	Dodatak Accessory	Ugradnja Installation Type	Dimenzije Dimensions	Površinska zaštita Coating Type
	J4	**D**	**VD**	**⍁ W (mm)**	

J4	**KARE TAVAN ANEMOSTAD, SABİT İÇ GÖVDELİ ve DÜZ KANATLI** SQUARE CEILING DIFFUSER ,WITH FIXED INTERNAL BODY and FLAT BLADES
D	**REGULATOR PROTOKA (DAMPER) SA PARALELNIM LAMELAMA (STANDARDNO)** PARALLEL BLADE DAMPER (STANDARD)
R	**REGULATOR PROTOKA (DAMPER) SA SUPROTNOSMERNIM LAMELAMA** OPPOSED BLADE DAMPER
PK	**PLENUM KUTIJA** PLENUM BOX
SB	**RAM ZA MONTAŽU** SUBFRAME
VD	**ZAVRTNJIMA (IZBUŠENI OTVORI) (STANDARDNO)** FIXING WITH SCREW (STANDARD)
KL	**KLIPSE** FIXING WITH CLIPS
SP	**OPRUGOM** FIXING WITH PLATE SPRING
RAL	**ELEKTROSTATIČKO FARBANJE - PLASTIFICIRANJE** ELECTRO STATIC POWDER COATING
EL	**ELOKSIRANJE (STANDARDNO)** NATURAL ANODIZED (STANDARD)

*** Molimo napomenite kod RAL boje.**
* Please mention RAL color code.

Primer:
Sample Order Code:

Model Model	**Dodatak** Accessory	**Ugradnja** Fixing	**Dimenzije** Dimensions	**Površinska zaštita** Coating Type
J4	**D**	**VD**	**⍁W (mm)** **[225 x 225 (mm)]**	**RAL 9010**

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