



[®]
JAKKA

Katalog JSWC

JAKKA vrtložni difuzori

Catalog JSWC

JAKKA swirl diffusers



JAK-KA GROUP
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J.2.A

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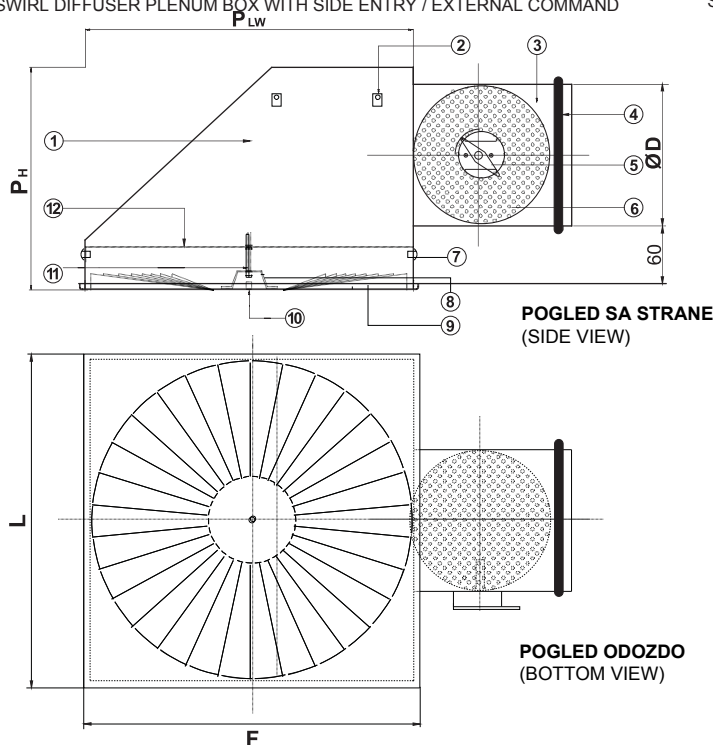
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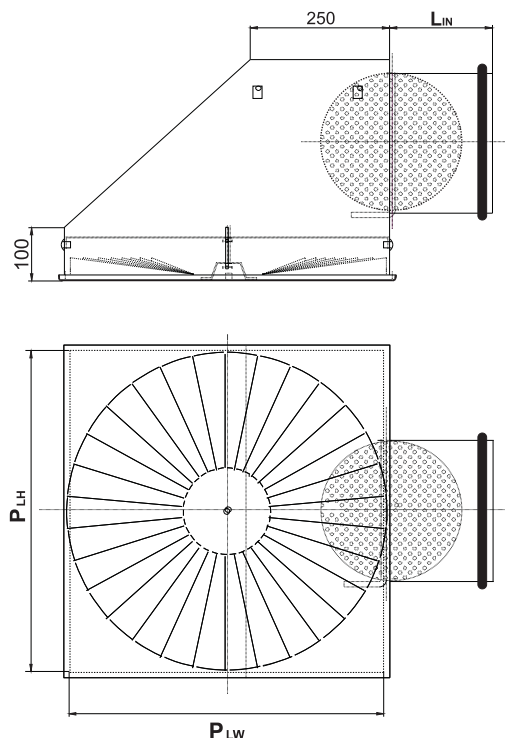
Model:	*JSWC: Vrtložni difuzor imaju nepomične radijalne lamele i četvrtastu ploču.
Materijal:	Ploča difuzora kao i lamele su napravljene od DKP čeličnog lima.
Namena:	JSWC vrtložni difuzori su pogodni za objekte/prostore gde potreban veliki protok vazduha. Pogodni su za korišćenje u prostorima visine tavanice od 2,6 do 4m. Mogu da se koriste za ubacivanje toplog ili ohlađenog vazduha iz vazdušnih kanala u dati prostor, ali i za izvlačenje vazduha iz prostorija. Lice vrtložnog difuzora je četvrtasto. Lamele su nepomične.
Površinska zaštita:	*Elektrostatičko farbanje - plastificiranje (standardna boja je RAL9010) *Na zahtev, farbanje u RAL boje.
Ugradnja:	*Ugradnja na vazдушnu kutiju.
Dodaci:	* Plenum kutija.
Model:	*JSWC : Swirl diffuser that has fixed radial blades and square faceplate.
Material:	Product surface and blades are manufactured from DKP sheet.
Usage:	JSWC model swirl diffusers are ideal for places where high air flow rate is necessary. They are suitable for usage in places that have ceiling heights between 2,6 - 4 mt. They carry out the function of supplying hot or cold conditioned air from ventilation ducts to ambiances and suction of polluted air from these ambiances. Front faceplate is manufactured in square form. Blades are fixed.
Coating:	* Electrostatic powder coating (Standard color is RAL9010) * On request, painting in other RAL colors is possible.
Installation:	* Installation to plenum box with bridge
Accessory:	* Plenum box

U plenum kutija sa jednim usisom / Plenum box application with one inlet

PLENUM KUTIJA VRTLOŽNOG DIFUZORA SA BOČNIM ULAZOM I SPOLJAŠNIM UPRAVLJANJEM REGULATORA PROTOKA
SWIRL DIFFUSER PLENUM BOX WITH SIDE ENTRY / EXTERNAL COMMAND

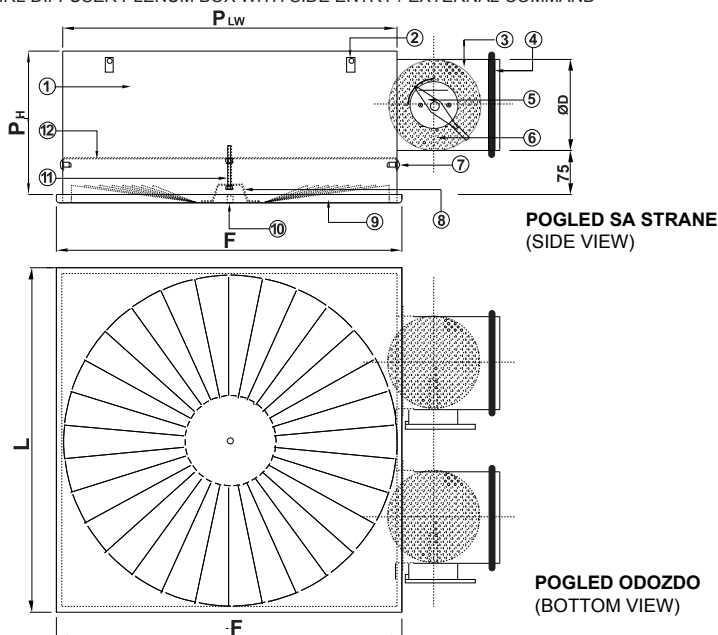


PLENUM KUTIJA VRTLOŽNOG DIFUZORA SA BOČNIM ULAZOM I UNUTRAŠNjim UPRAVLJANJEM REGULATORA PROTOKA
SWIRL DIFFUSER PLENUM BOX WITH SIDE ENTRY / INTERNAL COMMAND

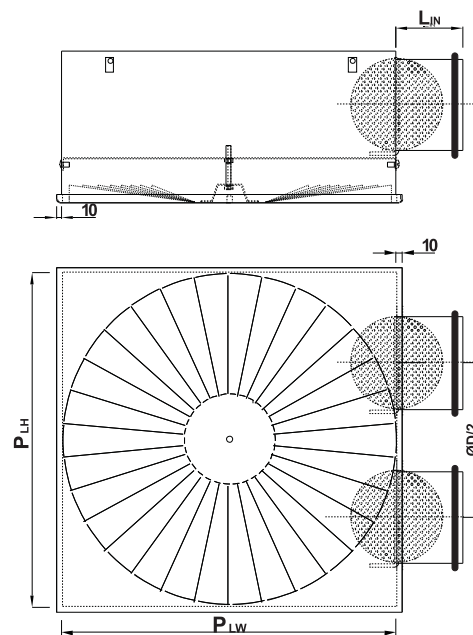


U plenum kutija sa dva usisa / Plenum box application with two inlets

PLENUM KUTIJA VRTLOŽNOG DIFUZORA SA BOČNIM ULAZOM I SPOLJAŠNjim UPRAVLJANJEM REGULATORA PROTOKA
SWIRL DIFFUSER PLENUM BOX WITH SIDE ENTRY / EXTERNAL COMMAND



PLENUM KUTIJA VRTLOŽNOG DIFUZORA SA BOČNIM ULAZOM I UNUTRAŠNjim UPRAVLJANJEM REGULATORA PROTOKA
SWIRL DIFFUSER PLENUM BOX WITH SIDE ENTRY / INTERNAL COMMAND



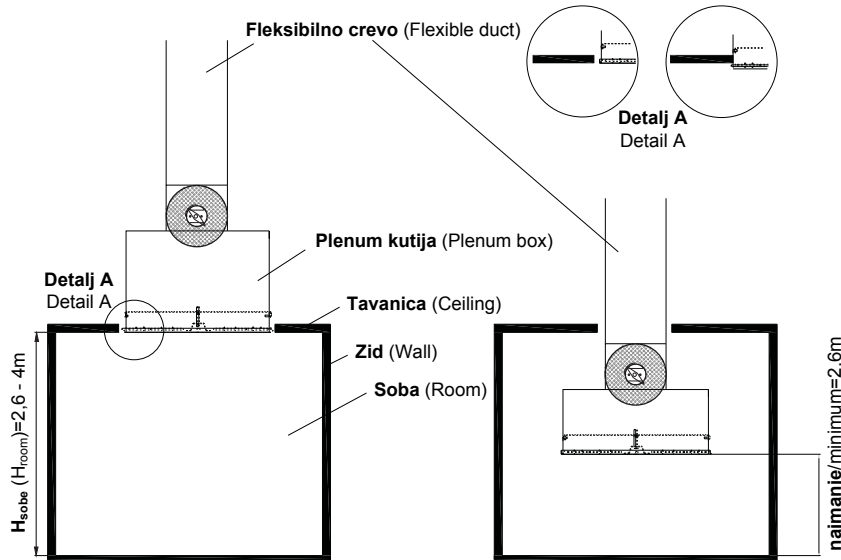
- | | |
|----------------------------------|------------------------------|
| 1. Plenum kutija | 7. Zavrtanj |
| 2. Ušica za kačenje | 8. Nosač za ugradnju |
| 3. Dovod vazduha | 9. Lamele |
| 4. Zaptivka | 10. Ukrasni čep |
| 5. Ručica za podešavanje protoka | 11. Zavrtanj za učvršćenje |
| 6. Regulator protoka | 12. Nosač vrtložnog difuzora |

- | | |
|----------------------|---------------------------------|
| 1 Plenum box | 7 Fixing screw |
| 2 Hanging element | 8 Swirl diffuser fixing element |
| 3 Inlet | 9 Swirl diffuser blade |
| 4 Cordon | 10 Swirl diffuser tap |
| 5 Control handle | 11 Stud bolt |
| 6 Air control damper | 12 Plenum box bridge element |

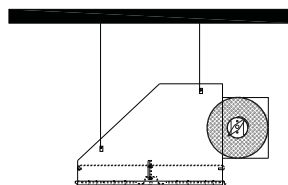
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|----------------------|--|
| F (mm) | : Širina rama (Frame length) |
| L (mm) | : Dužina rama (Frame width) |
| P _{LW} (mm) | : Širina plenum kutije (Plenum box length) |
| P _{LH} (mm) | : Dužina plenum kutije (Plenum box width) |
| P _H (mm) | : Visina plenum kutije (Plenum box height) |
| P _H (mm) | : Visina plenum kutije sa dva ulaza (The height of plenum box with two inlets) |
| ØD (mm) | : Prečnik otvora ulaza na plenum kutiji (Plenum box inlet diameter) |
| L _{IN} (mm) | : Dužina prirubnice na ulazu na plenum kutiji (Plenum box inlet length) |



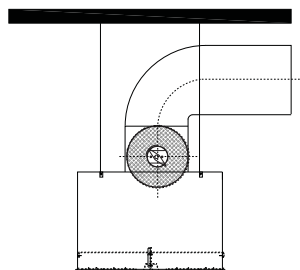
Ugradnja na tavanicu Fixing Types to Ceiling



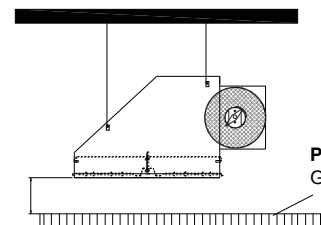
Ugradnja na viseću konstrukciju Fixing Types with Hanging Mechanism



Plenum kutija sa bočnim ulazom
Plenum box with side entry



Povezivanje kružnog vazdušnog kanala sa vazdušnom kutijom sa bočnim ulazom
Fixing of side entry plenum box to round air duct



Yandan Girişli Plenum Kutusunun Izgara Tipi Tavan Üzerinde Montajı
Fixing of Side Entry Plenum Box Over The Grille Type Ceiling

Povezivanje kružnog vazdušnog kanala iznad plafonskog anemostata
Fixing of side entry plenum box over the grille type ceiling

Izborna tabela

Selection Tables

F x L (mm)	A _{eff} (m ²)	Broj lamela (Blade number)	V [m ³ /h (L/s)]	u _L (m/s)	0,10	0,15	0,20	0,25
300 x 300	0,031	30	140 (38,9)	Dt (m) ΔP _{tot} (Pa) SPL (dBA)	3,10 17,0 31,0	2,54 17,0 31,0	1,97 17,0 31,0	1,40 17,0 31,0
			160 (44,4)		3,50 22,0 34,0	2,86 22,0 34,0	2,22 22,0 34,0	1,58 22,0 34,0
			180 (50,0)		3,90 27,0 37,0	3,19 27,0 37,0	2,47 27,0 37,0	1,75 27,0 37,0
			200 (55,6)		4,40 32,5 39,5	3,59 32,5 39,5	2,77 32,5 39,5	1,95 32,5 39,5
			220 (61,1)		4,90 38,0 42,0	3,99 38,0 42,0	3,07 38,0 42,0	2,15 38,0 42,0
			260 (72,2)		5,60 52,0 47,0	4,56 52,0 47,0	3,53 52,0 47,0	2,50 52,0 47,0
			300 (83,3)		6,60 70,0 50,0	5,40 70,0 50,0	4,20 70,0 50,0	3,00 70,0 50,0
400 x 400	0,078	30	170 (47,2)	Dt (m) ΔP _{tot} (Pa) SPL (dBA)	2,90 7,0 <20,0	2,31 7,0 <20,0	1,73 7,0 <20,0	1,15 7,0 <20,0
			205 (56,9)		3,60 10,5 21,0	2,87 10,5 21,0	2,15 10,5 21,0	1,43 10,5 21,0
			240 (66,7)		4,30 14,0 24,0	3,44 14,0 24,0	2,57 14,0 24,0	1,70 14,0 24,0
			275 (76,4)		4,90 19,0 28,5	3,91 19,0 28,5	2,92 19,0 28,5	1,93 19,0 28,5
			310 (86,1)		5,50 24,0 33,0	4,39 24,0 33,0	3,27 24,0 33,0	2,15 24,0 33,0
			380 (105,6)		6,70 35,0 38,0	5,34 35,0 38,0	3,97 35,0 38,0	2,60 35,0 38,0
			450 (125)		8,00 52,0 44,0	6,40 52,0 44,0	4,80 52,0 44,0	3,20 52,0 44,0

F (mm) : Širina rama (Frame lenght)
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P_{LW} (mm) : Širina plenum kutije (Plenum box lenght)
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P_H (mm) : Visina plenum kutije (Plenum box height)
P_H (mm) : Visina plenum kutije sa dva ulaza (The height of plenum box with two inlets)
ØD (mm) : Prečnik otvora ulaza na plenum kutiji (Plenum box inlet diameter)
L_{IN} (mm) : Dužina prirubnice na ulazu na plenum kutiji (Plenum box inlet lenght)



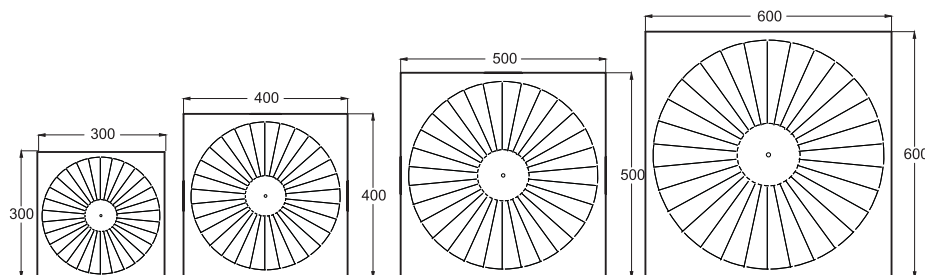
F x L (mm)	A _{eff.} (m ²)	Broj lamela (Blade number)	V [$\frac{m^3}{h}$] (L/s)	u _L (m/s)	0,10	0,15	0,20	0,25
500 x 500	0,140	30	220 (61,1)	Dt (m) ΔP _{tot.} (Pa) SPL (dBA)	3,30 7,0 <20,0	2,64 7,0 <20,0	1,97 7,0 <20,0	1,30 7,0 <20,0
			260 (72,2)		3,90 9,0 21,5	3,11 9,0 21,5	2,33 9,0 21,5	1,55 9,0 21,5
			300 (83,3)		4,50 11,0 25,0	3,60 11,0 25,0	2,70 11,0 25,0	1,80 11,0 25,0
			320 (88,9)		5,70 17,0 31,0	4,54 17,0 31,0	3,37 17,0 31,0	2,20 17,0 31,0
			390 (108,3)		6,35 21,0 34,0	5,05 21,0 34,0	3,75 21,0 34,0	2,45 21,0 34,0
			460 (127,6)		7,00 25,0 37,0	5,56 25,0 37,0	4,13 25,0 37,0	2,70 25,0 37,0
			540 (150)		8,20 38,0 42,0	6,54 38,0 42,0	4,87 38,0 42,0	3,20 38,0 42,0
600 x 600	0,218	30	290 (80,6)	Dt (m) ΔP _{tot.} (Pa) SPL (dBA)	3,75 6,0 20,0	3,00 6,0 20,0	2,25 6,0 20,0	1,50 6,0 20,0
			330 (91,7)		4,40 8,5 24,0	3,52 8,5 24,0	2,65 8,5 24,0	1,78 8,5 24,0
			375 (104,2)		5,05 11,0 28,0	4,05 11,0 28,0	3,05 11,0 28,0	2,05 11,0 28,0
			460 (127,8)		6,25 14,0 32,0	5,00 14,0 32,0	3,75 14,0 32,0	2,50 14,0 32,0
			500 (138,9)		6,88 17,0 34,5	5,51 17,0 34,5	4,13 17,0 34,5	2,75 17,0 34,5
			545 (151,4)		7,50 20,0 37,0	6,00 20,0 37,0	4,50 20,0 37,0	3,00 20,0 37,0
			630 (175)		8,70 28,0 42,0	6,96 28,0 42,0	5,23 28,0 42,0	3,50 28,0 42,0

F (mm) : Širina rama (Frame lenght)
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Tabela standardnih dimenzija Standard Dimension Table

Veličina Size	F x L (mm)	P_{LW} x P_{LH} (mm)	P_H (mm)	ØD (mm)	P'_H (mm)	L_{IN} (mm)
300	298 x 298	278 x 278	300	198	290	40
400	398 x 398	378 x 378	300	198	290	40
500	498 x 498	478 x 478	300	198	290	40
600	598 x 598	578 x 578	350	248	340	60



	Model Model	Dimenzije Dimensions	Broj lamela Blade Number	Dodatna oprema Accessory	Površinska zaštita Coating Type
	JSWC	F x L (mm)	30		RAL 9010
JSWC	VRTLOŽNI DIFUZOR SA NEPOMIČNIM RADIJALNIM LAMELAMA I KVADRATNOM PLOČOM SWIRL DIFFUSER THAT HAS FIXED RADIAL BLADES AND SQUARE FACEPLATE				
30	BROJ LAMELA BLADE NUMBER				
	PLENUM KUTIJA PLENUM BOX				
RAL	ELEKTROSTATIČKO FARBANJE - PLASTIFICIRANJE ELECTROSTATIC POWDER COATING			* Molimo napomenite kod RAL boje. * Please mention RAL color code.	

Primer:
Sample Ordering Code:

Model Model	Dimenzije Dimensions	Broj lamela Blade Number	Dodatna oprema Accessory	Površinska zaštita Coating Type
JSWC	F x L (mm) [300 x 300 (mm)]	30		RAL9010



JAK-KA GROUP - SRBIJA

adresa: Bulevar Zorana Đinđića 80
11070 Novi Beograd, Srbija

telefon: +381 (0)11 2 600 901

faks: +381 (0)11 2 600 906

web: www.jakkagroup.com

e-mail: jakkagroup@jakkagroup.com

JAK-KA GROUP - CRNA GORA

adresa: V Crnogorske brigade 3
85347 Igalo, Crna Gora

telefon: +382 (0)31 330 285

faks: +382 (0)31 330 285

mobilni: +382 (0)69 517 008

web: www.jakkagroup.com

e-mail: technoclima-mare@t-com.me

