APRIL 2025

JAKKA REKUPERATOR
JRH72N



JAK-KA®

www.jakkagroup.com

Podaci u katalogu su informativnog karaktera. Jakka Group zadržava pravo promene cena i podataka bez prethodne najave. Za više informacija, pre konačne kupovine, kontaktirajte našu prodajnu službu.

Sadržaj

JRH72N / 800 _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ 2-3

JRH72N / 1000 _ _ _ _ _ _ _ _ _ _ _ _ _ _ 4-5

JRH72N / 1500 _ _ _ _ _ _ _ _ _ _ _ _ _ _ 6-7

JRH72N / 2000 _ _ _ _ _ _ _ _ _ _ _ _ _ _ 8-9

JRH72N / 2500 _ _ _ _ _ _ _ _ _ _ _ _ _ 10-11

JRH72N / 3000 _ _ _ _ _ _ _ _ _ _ _ _ _ 12-13

JRH72N / 4000 _ _ _ _ _ _ _ _ _ _ _ _ _ _ 14-15

JRH72N / 5000 _ _ _ _ _ _ _ _ _ _ _ _ _ 16-17

JRH72N / 6000 _ _ _ _ _ _ _ _ _ _ _ _ _ 18-19

INSTALACIJA
INSTALLATION _ _ _ _ _ _ _ _ _ _ _ _ _ _ 20

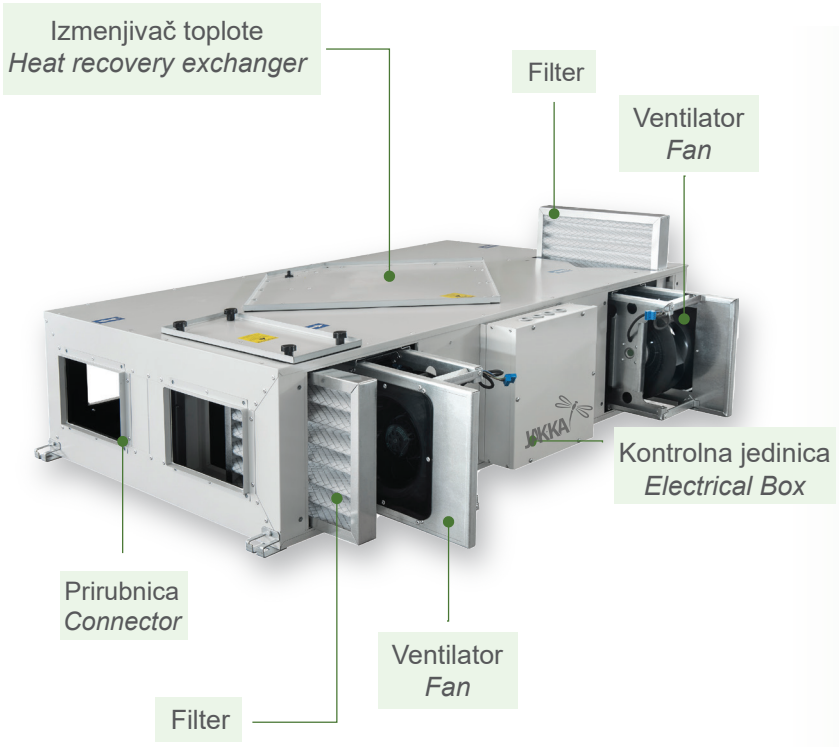
DODATNA OPREMA
ACCESSORIES _ _ _ _ _ _ _ _ _ _ _ _ _ _ 21-23

SENZORI
SENSORS _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ 24-25

DIFERENCIJALNI PRESOSTAT
DIFFERENTIAL PRESSURE SWITCH _ _ _ _ _ _ _ _ 26

KONTROLERI
CONTROLLS _ _ _ _ _ _ _ _ _ _ _ _ _ _ _ 27

JRH 72N



Materijal (kućište) / *Material (housing)*

Pocinkovani lim
Galvanized sheet

Efikasnost / *Efficiency*

do 72%
up to 72%

Opseg temperature / *Temperature range*

-12°C do/to +46°C.

Protok vazduha / Air flow

800-6000 m3/h

Napajanje / Power supply

230V 50Hz

Izolacija / *Insulation*

10mm

Rekuperator toplote efikasnosti do 72% bez by-pass opcije. JRH72N ima u opsegu 9 modela, jačine od 800m3/h do 6000 m3/h. Namenjen za opštu ventilaciju. Poliuretanska pena omogućava toplotnu i zvučnu izolaciju. Pri održavanju može se pristupiti delovima bez demontaže cele jedinice.

Heat exchange unit, up to 72% efficiency, without by-pass. JRH72N Heat Recovery range has 9 models between 800m3/h and 6.000m3/h. Intended for general ventilation. Flame retardant, polyurethane foams are used in JRH72N units to assure thermal and sound isolation. All the components are detachable in case of maintenance needs without demounting of the unit.

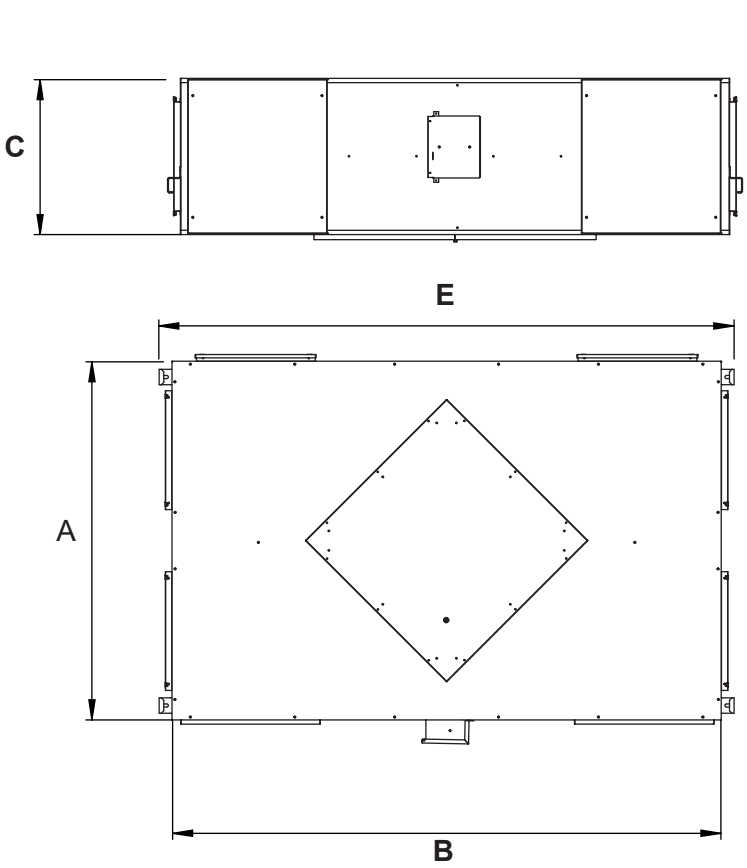
NAPOMENA: Rekuperatori nisu namenjeni za bazensku aplikaciju. Nisu namenjeni za rad u uslovima sa velikom koncentracijom vlage.

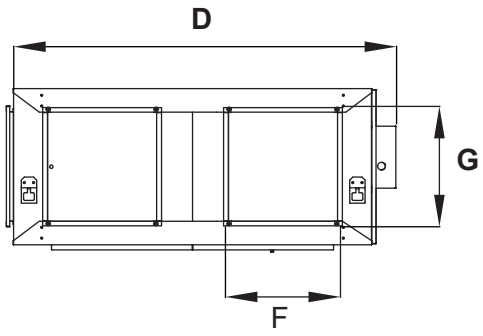
Heat exchange unit are not intended for pool application. They are not intended to work in conditions with a high concentration of moisture.

JR	H	72N	800-6000
Jakka rekuperator	Horizontalna izvedba	Serija rekuperatora	Modeli (nazivni protok [m3/h]

TEHNIČKI CRTEŽI I TABELE
TECHNICAL DRAWING AND TABLES

JRH72N / 800



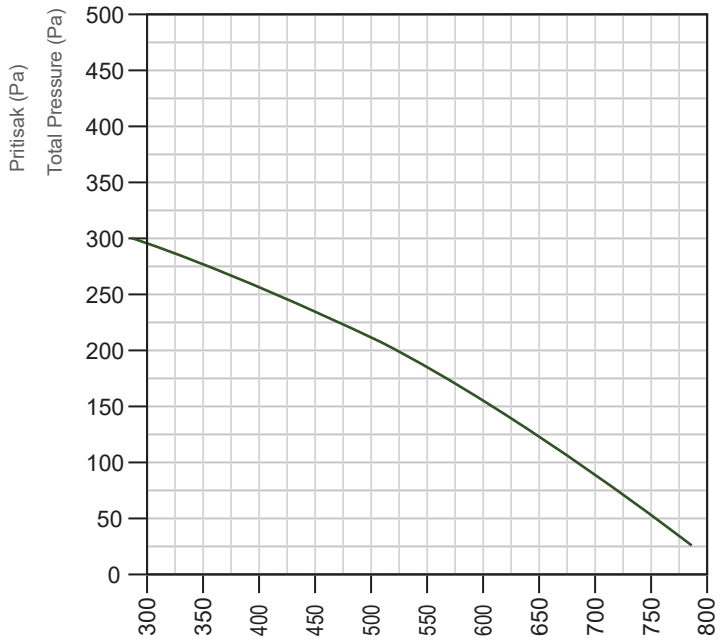


A: Širina (bez poklopca)	[mm]	660
B: Dužina bez prirubnica	[mm]	1230
C: Visina	[mm]	355
D: Ukupna širina	[mm]	795
E: Dužina sa nosačima	[mm]	1312
F: Dužina prirubnice	[mm]	200
G: Visina prirubnice	[mm]	200
Težina	[kg]	51

Tip izmenjivača *Exchanger type*	**Od aluminijum, unakrsnog protoka** ***Aluminium plate cross flow***
Model ventilatora *Fan model*	**EBM Papst R2E220-RB06-01**
Mesto ugradnje *Installation*	**Unutar objekta** ***Indoor***
Orjentacija ugradnje *Installation position*	**Horizontalna** ***Horizontal***
Kućište Case structure	**10mm izolovana ploča** **10mm insulated single walled**

TEHNIČKI PODACI
TECHNICAL DATA

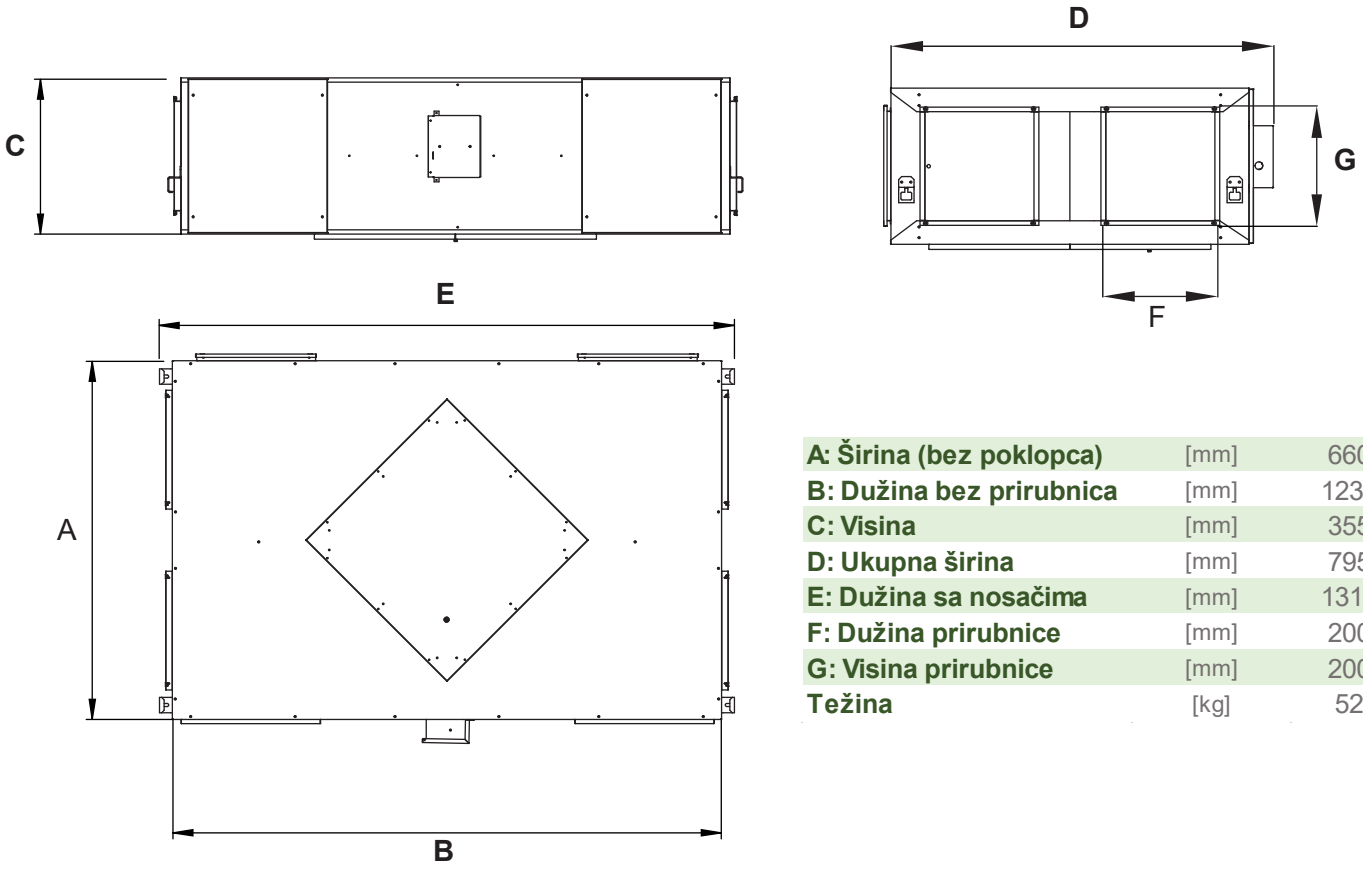
JRH72N / 800



Protok vazduha kada je spoljašnji statički pritisak 0 Pa [m³/h] *Air flow date when the external static pressure is 0 Pa [m³/h]*	**856**
Filter *Filter*	**G4**
Opseg temperature (°C) *Operating temperature (°C)*	**-12 / +46**
Napon *Supply voltage*	**230V 50Hz**
Snaga motor [W] *Fan motor power [W]*	**2x135**
Maksimalna struja [A] *Maximum current [A]*	**2x0,63**
Jačina zvuka merena na razdaljini od 1,5m [dB(A)] *Surrouding sound 1,5 m distance [dB(A)]*	**44**

TEHNIČKI CRTEŽI I TABELE
TECHNICAL DRAWING AND TABLES

JRH72N / 1000

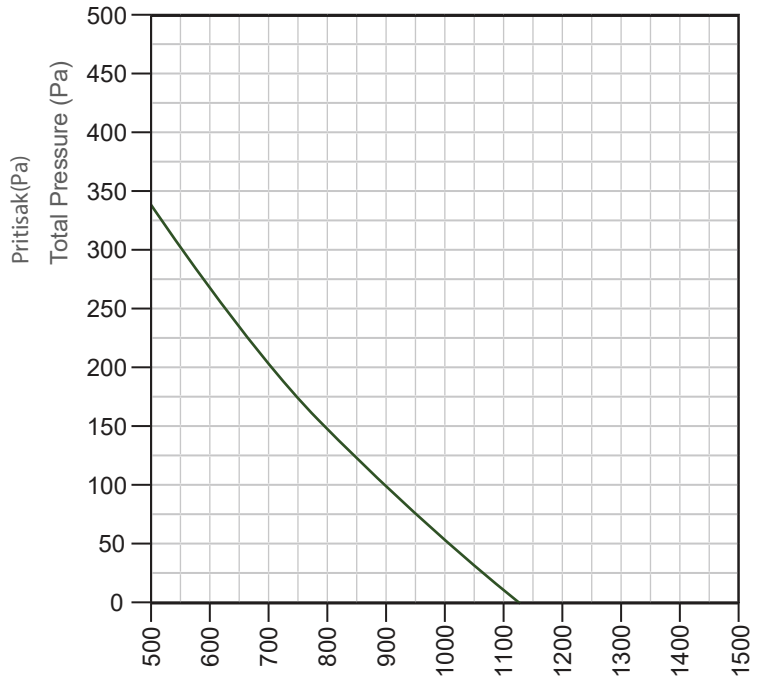


A: Širina (bez poklopca)	[mm]	660
B: Dužina bez prirubnica	[mm]	1230
C: Visina	[mm]	355
D: Ukupna širina	[mm]	795
E: Dužina sa nosačima	[mm]	1312
F: Dužina prirubnice	[mm]	200
G: Visina prirubnice	[mm]	200
Težina	[kg]	52

Tip izmenjivača *Exchanger type*	**Od aluminijum, unakrsnog protoka** ***Aluminium plate cross flow***
Model ventilatora *Fan model*	**EBM Papst R2E225-RA92-09**
Mesto ugradnje *Installation*	**Unutar objekta** ***Indoor***
Orjentacija ugradnje *Installation position*	**Horizontalna** ***Horizontal***
Kućište Case structure	**10mm izolovana ploča** **10mm insulated single walled**

TEHNIČKI PODACI
TECHNICAL DATA

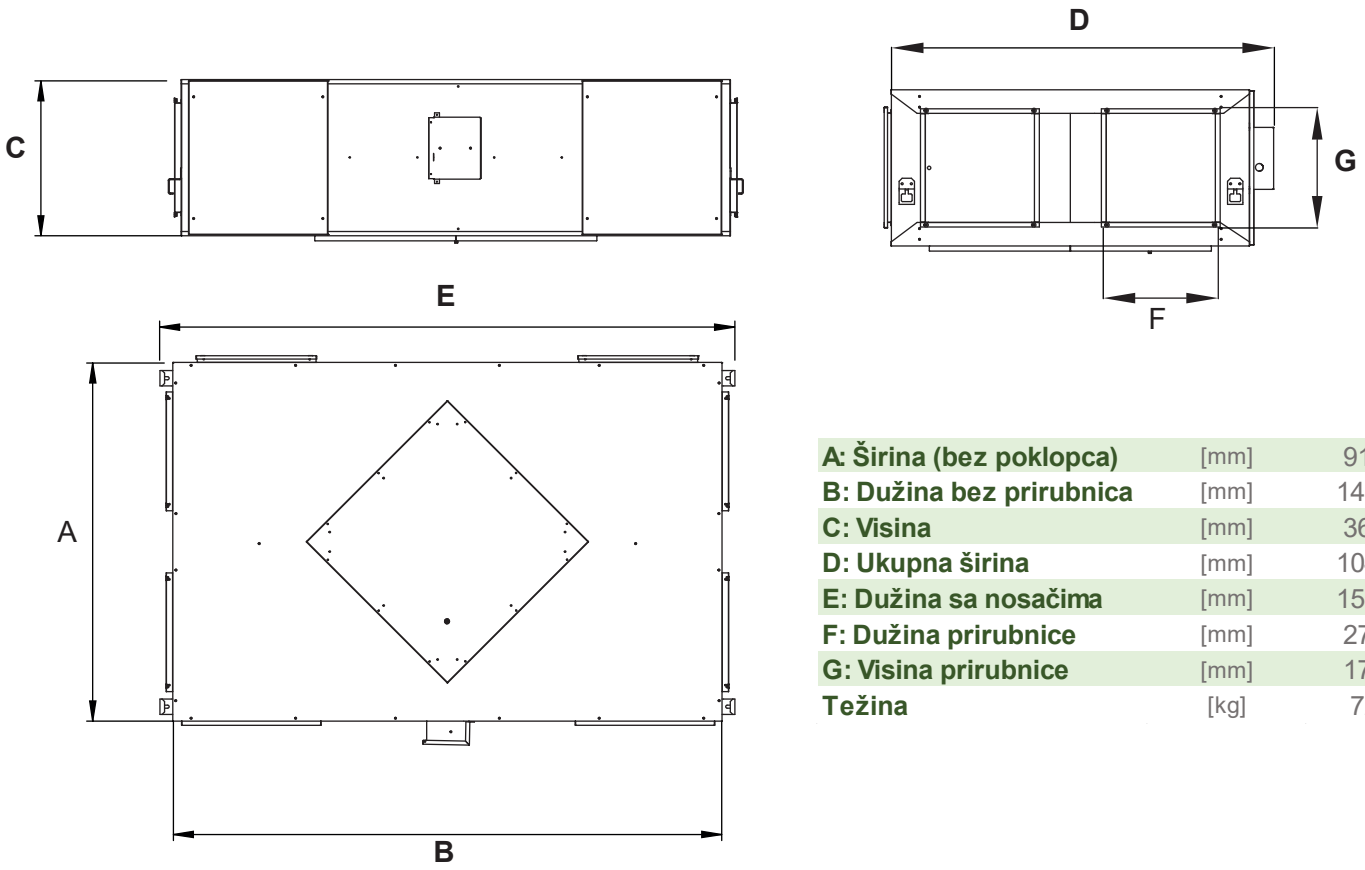
JRH72N / 1000



Protok vazduha kada je spoljašnji statički pritisak 0 Pa [m³/h] *Air flow date when the external static pressure is 0 Pa [m³/h]*	**1112**
Filter *Filter*	**G4**
Opseg temperature (°C) *Operating temperature (°C)*	**-12 / +46**
Napon *Supply voltage*	**230V 50Hz**
Snaga motor [W] *Fan motor power [W]*	**2x220**
Maksimalna struja [A] *Maximum current [A]*	**2x0,90**
Jačina zvuka merena na razdaljini od 1,5m [dB(A)] *Surrouding sound 1,5 m distance [dB(A)]*	**45**

TEHNIČKI CRTEŽI I TABELE
TECHNICAL DRAWING AND TABLES

JRH72N / 1500

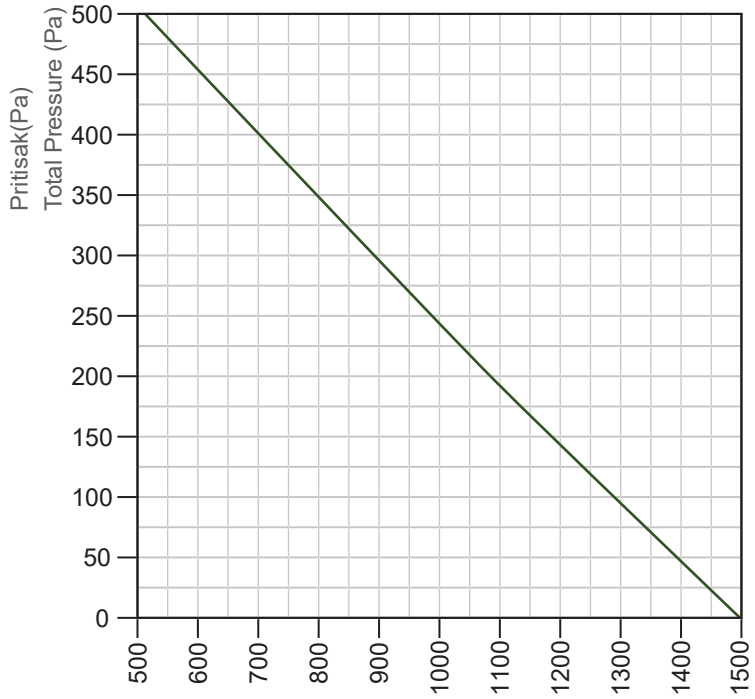


A: Širina (bez poklopca)	[mm]	910
B: Dužina bez prirubnica	[mm]	1430
C: Visina	[mm]	360
D: Ukupna širina	[mm]	1045
E: Dužina sa nosačima	[mm]	1510
F: Dužina prirubnice	[mm]	270
G: Visina prirubnice	[mm]	170
Težina	[kg]	72

Tip izmenjivača *Exchanger type*	**Od aluminijum, unakrsnog protoka** ***Aluminium plate cross flow***
Model ventilatora *Fan model*	**EBM Papst R2E225-RA50-01**
Mesto ugradnje *Installation*	**Unutar objekta** ***Indoor***
Orjentacija ugradnje *Installation position*	**Horizontalna** ***Horizontal***
Kućište Case structure	**10mm izolovana ploča** **10mm insulated single walled**

TEHNIČKI PODACI
TECHNICAL DATA

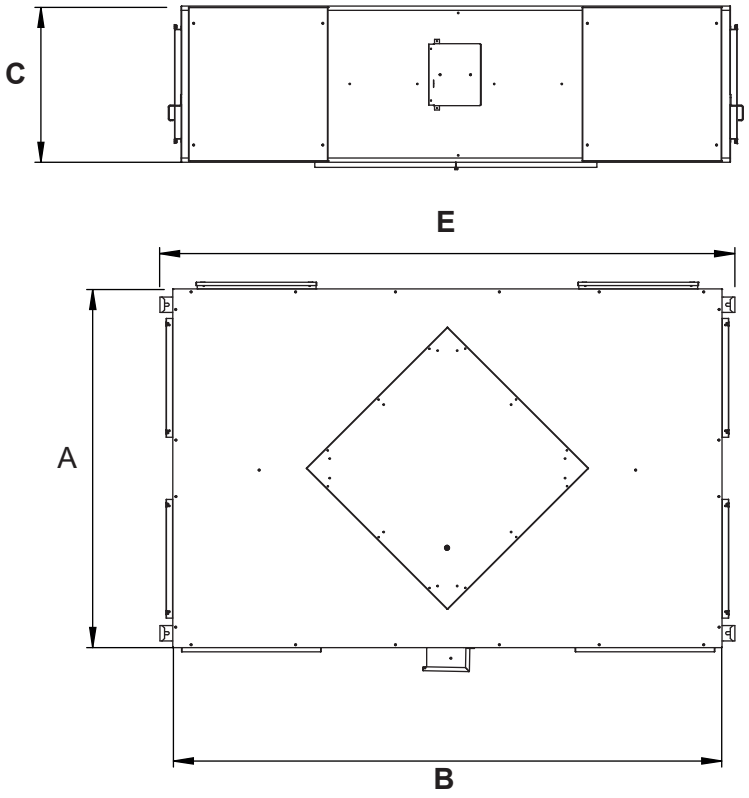
JRH72N / 1500

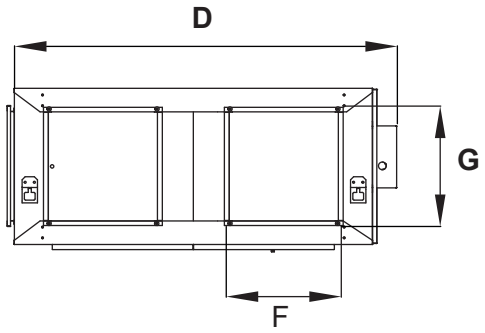


Protok vazduha kada je spoljašnji statički pritisak 0 Pa [m³/h] *Air flow date when the external static pressure is 0 Pa [m³/h]*	**1500**
Filter *Filter*	**G4**
Opseg temperature (°C) *Operating temperature (°C)*	**-12 / +46**
Napon *Supply voltage*	**230V 50Hz**
Snaga motor [W] *Fan motor power [W]*	**2x303**
Maksimalna struja [A] *Maximum current [A]*	**2x1,30**
Jačina zvuka merena na razdaljini od 1,5m [dB(A)] *Surrouding sound 1,5 m distance [dB(A)]*	**46**

TEHNIČKI CRTEŽI I TABELE
TECHNICAL DRAWING AND TABLES

JRH72N / 2000



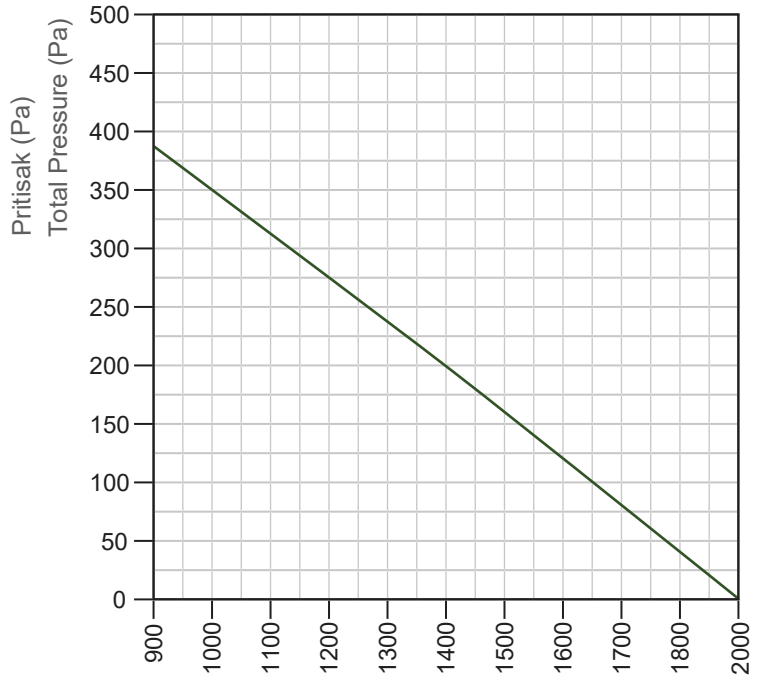


A: Širina (bez poklopca)	[mm]	910
B: Dužina bez prirubnica	[mm]	1430
C: Visina	[mm]	430
D: Ukupna širina	[mm]	1045
E: Dužina sa nosačima	[mm]	1510
F: Dužina prirubnice	[mm]	300
G: Visina prirubnice	[mm]	250
Težina	[kg]	84

Tip izmenjivača *Exchanger type*	**Od aluminijum, unakrsnog protoka** ***Aluminium plate cross flow***
Model ventilatora *Fan model*	**EBM Papst R2E280-RB01-01**
Mesto ugradnje *Installation*	**Unutar objekta** ***Indoor***
Orjentacija ugradnje *Installation position*	**Horizontalna** ***Horizontal***
Kućište Case structure	**10mm izolovana ploča** **10mm insulated single walled**

TEHNIČKI PODACI
TECHNICAL DATA

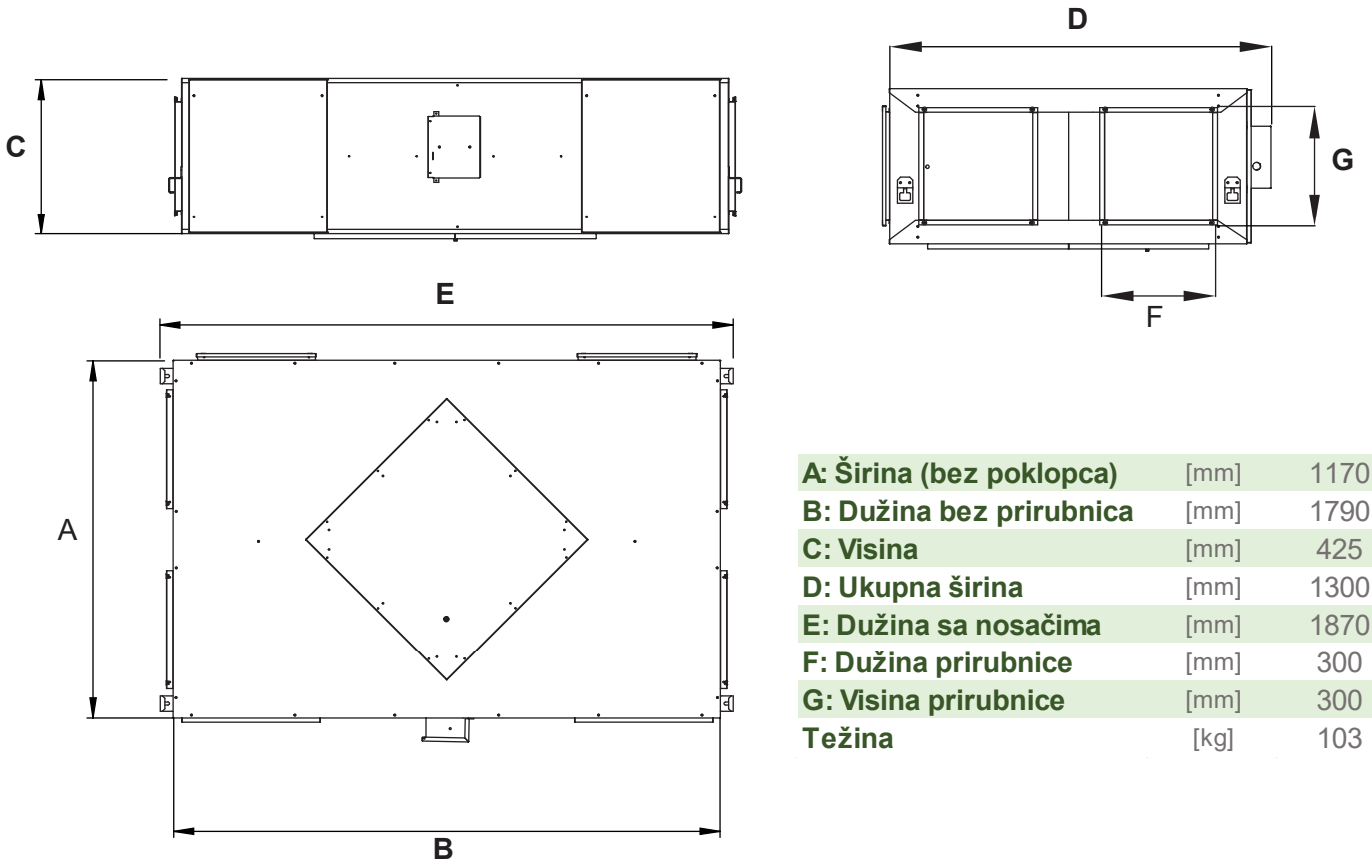
JRH72N / 2000



Protok vazduha kada je spoljašnji statički pritisak 0 Pa [m³/h] *Air flow date when the external static pressure is 0 Pa [m³/h]*	**1900**
Filter *Filter*	**G4**
Opseg temperature (°C) *Operating temperature (°C)*	**-12 / +46**
Napon *Supply voltage*	**230V 50Hz**
Snaga motor [W] *Fan motor power [W]*	**2x515**
Maksimalna struja [A] *Maximum current [A]*	**2x2,25**
Jačina zvuka merena na razdaljini od 1,5m [dB(A)] *Surrouding sound 1,5 m distance [dB(A)]*	**48**

TEHNIČKI CRTEŽI I TABELE
TECHNICAL DRAWING AND TABLES

JRH72N / 2500

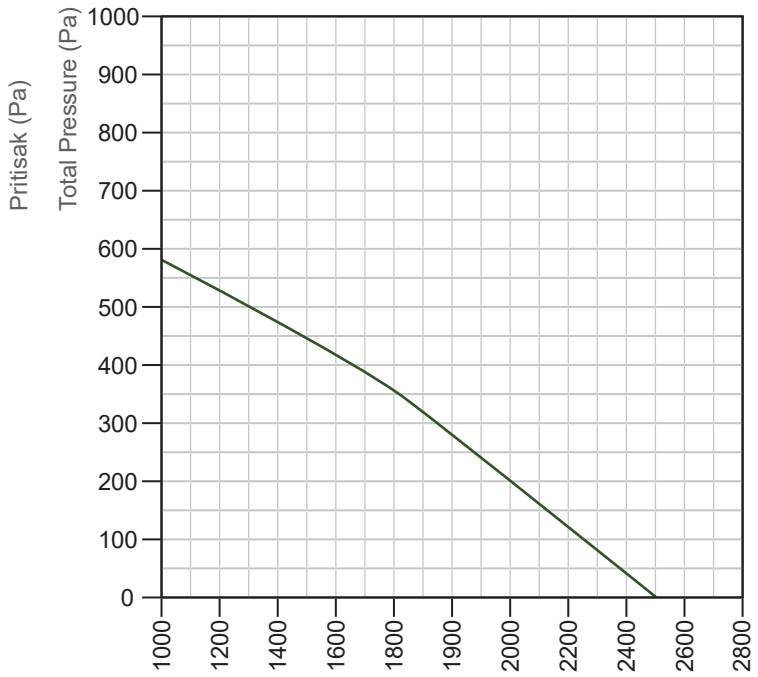


A: Širina (bez poklopca)	[mm]	1170
B: Dužina bez prirubnica	[mm]	1790
C: Visina	[mm]	425
D: Ukupna širina	[mm]	1300
E: Dužina sa nosačima	[mm]	1870
F: Dužina prirubnice	[mm]	300
G: Visina prirubnice	[mm]	300
Težina	[kg]	103

Tip izmenjivača *Exchanger type*	**Od aluminijum, unakrsnog protoka** ***Aluminium plate cross flow***
Model ventilatora *Fan model*	**EBM Papst R2E280-RB01-01**
Mesto ugradnje *Installation*	**Unutar objekta** ***Indoor***
Orjentacija ugradnje *Installation position*	**Horizontalna** ***Horizontal***
Kućište Case structure	**10mm izolovana ploča** **10mm insulated single walled**

TEHNIČKI PODACI
TECHNICAL DATA

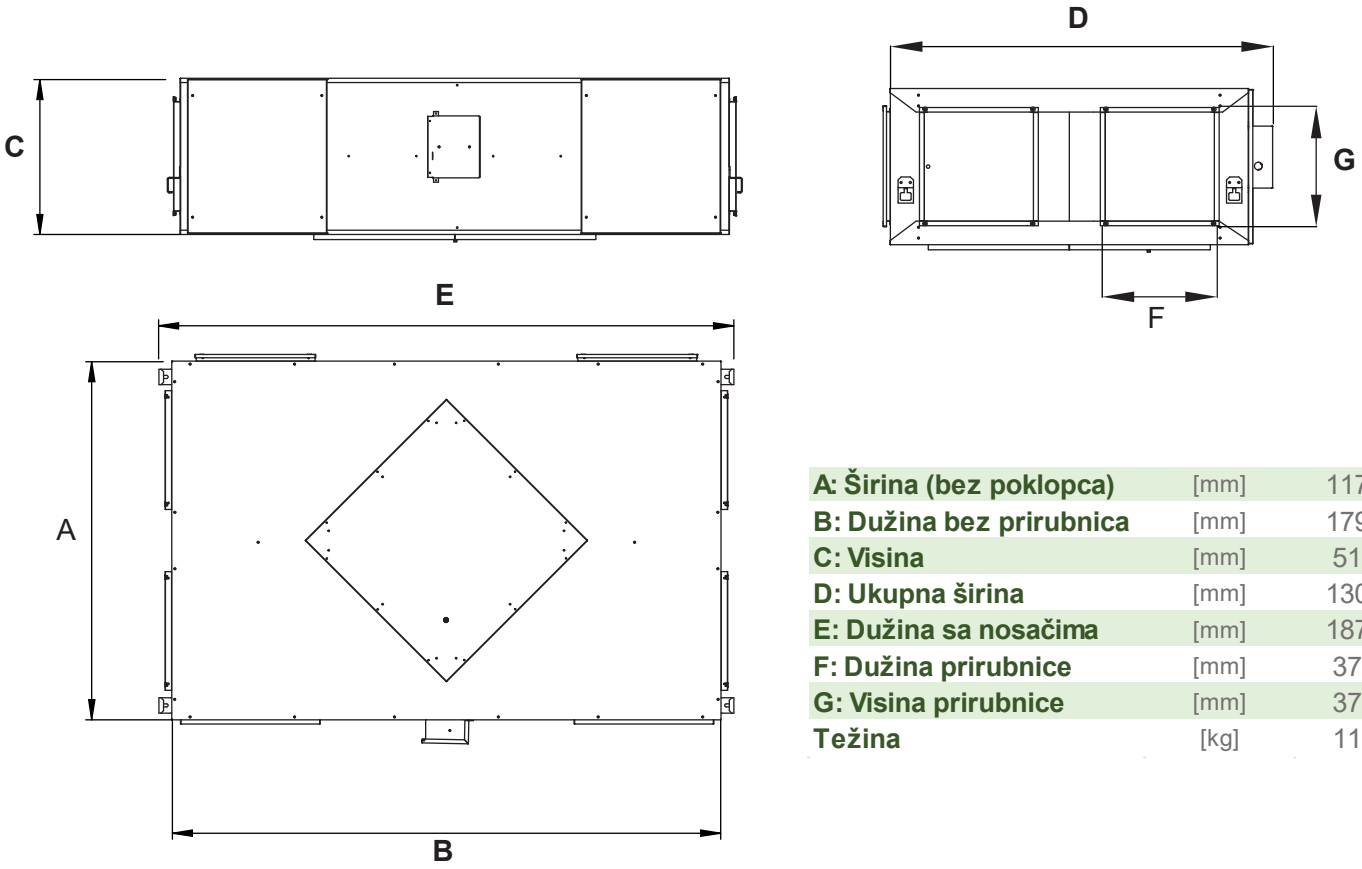
JRH72N / 2500



Protok vazduha kada je spoljašnji statički pritisak 0 Pa [m³/h] *Air flow date when the external static pressure is 0 Pa [m³/h]*	**2500**
Filter *Filter*	**G4**
Opseg temperature (°C) *Operating temperature (°C)*	**-12 / +46**
Napon *Supply voltage*	**230V 50Hz**
Snaga motor [W] *Fan motor power [W]*	**2x515**
Maksimalna struja [A] *Maximum current [A]*	**2x2,25**
Jačina zvuka merena na razdaljini od 1,5m [dB(A)] *Surrouding sound 1,5 m distance [dB(A)]*	**49**

TEHNIČKI CRTEŽI I TABELE
TECHNICAL DRAWING AND TABLES

JRH72N / 3000

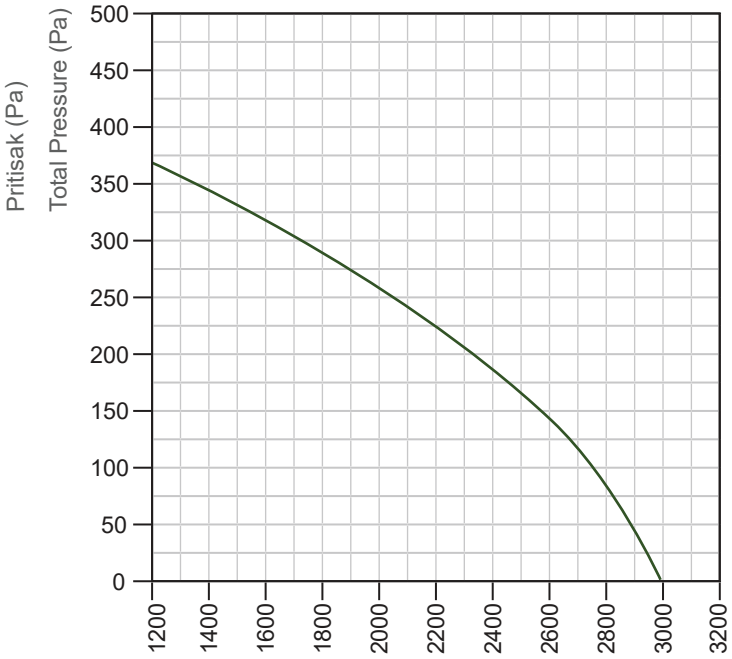


A: Širina (bez poklopca)	[mm]	1170
B: Dužina bez prirubnica	[mm]	1790
C: Visina	[mm]	515
D: Ukupna širina	[mm]	1300
E: Dužina sa nosačima	[mm]	1870
F: Dužina prirubnice	[mm]	370
G: Visina prirubnice	[mm]	370
Težina	[kg]	116

Tip izmenjivača *Exchanger type*	**Od aluminijum, unakrsnog protoka** ***Aluminium plate cross flow***
Model ventilatora *Fan model*	**EBM Papst R4E400-RO09-01**
Mesto ugradnje *Installation*	**Unutar objekta** ***Indoor***
Orjentacija ugradnje *Installation position*	**Horizontalna** ***Horizontal***
Kućište Case structure	**10mm izolovana ploča** **10mm insulated single walled**

TEHNIČKI PODACI
TECHNICAL DATA

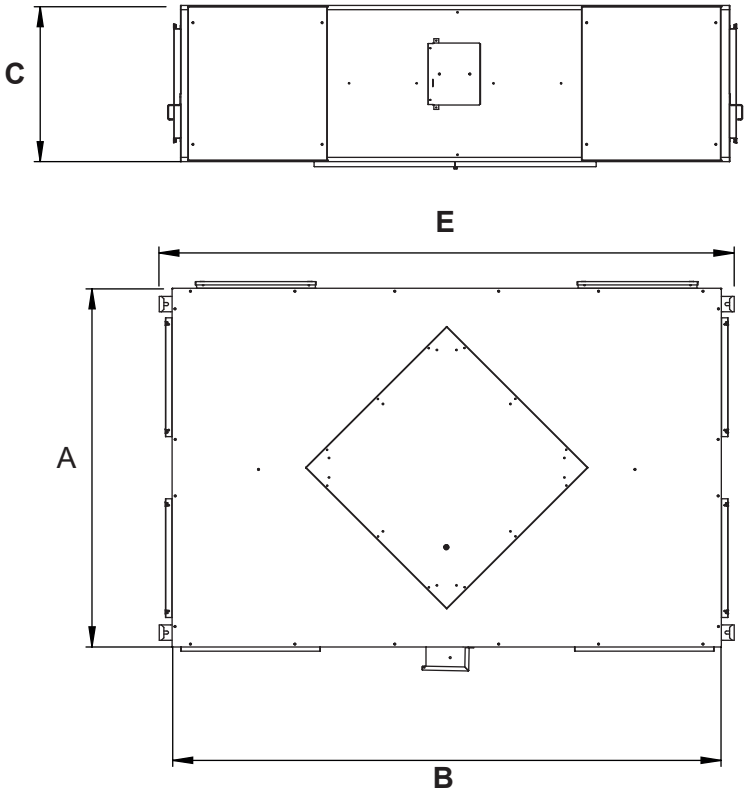
JRH72N / 3000

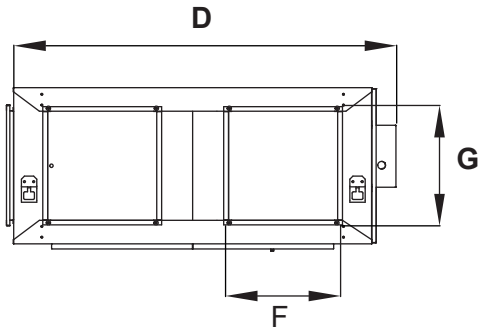


Protok vazduha kada je spoljašnji statički pritisak 0 Pa [m³/h] *Air flow date when the external static pressure is 0 Pa [m³/h]*	**2970**
Filter *Filter*	**G4**
Opseg temperature (°C) *Operating temperature (°C)*	**-12 / +46**
Napon *Supply voltage*	**230V 50Hz**
Snaga motor [W] *Fan motor power [W]*	**2x540**
Maksimalna struja [A] *Maximum current [A]*	**2x2,30**
Jačina zvuka merena na razdaljini od 1,5m [dB(A)] *Surrouding sound 1,5 m distance [dB(A)]*	**50**

TEHNIČKI CRTEŽI I TABELE
TECHNICAL DRAWING AND TABLES

JRH72N / 4000



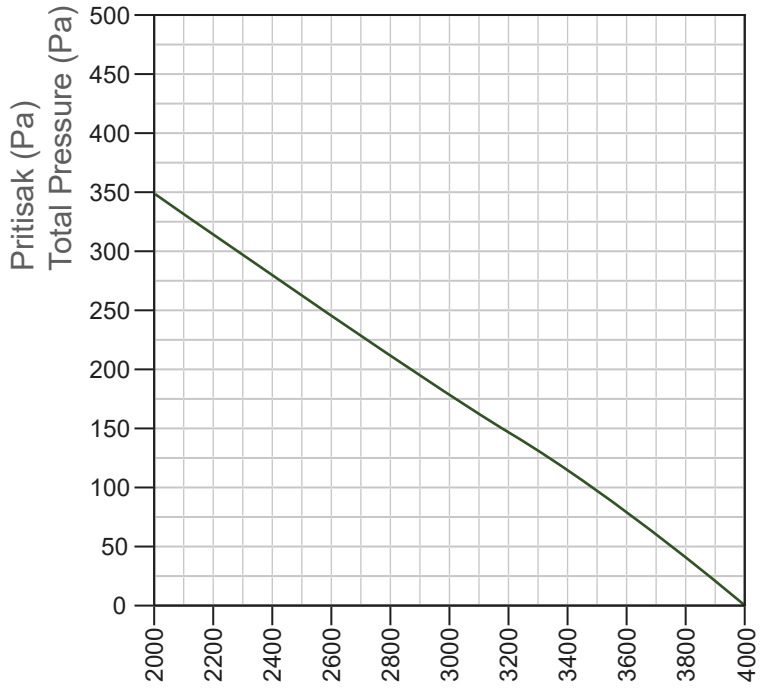


A: Širina (bez poklopca)	[mm]	1170
B: Dužina bez prirubnica	[mm]	1890
C: Visina	[mm]	515
D: Ukupna širina	[mm]	1300
E: Dužina sa nosačima	[mm]	1970
F: Dužina prirubnice	[mm]	370
G: Visina prirubnice	[mm]	370
Težina	[kg]	125

Tip izmenjivača *Exchanger type*	**Od aluminijum, unakrsnog protoka** ***Aluminium plate cross flow***
Model ventilatora *Fan model*	**EBM Papst R4E400-RO09-01**
Mesto ugradnje *Installation*	**Unutar objekta** ***Indoor***
Orjentacija ugradnje *Installation position*	**Horizontalna** ***Horizontal***
Kućište Case structure	**10mm izolovana ploča** **10mm insulated single walled**

TEHNIČKI PODACI
TECHNICAL DATA

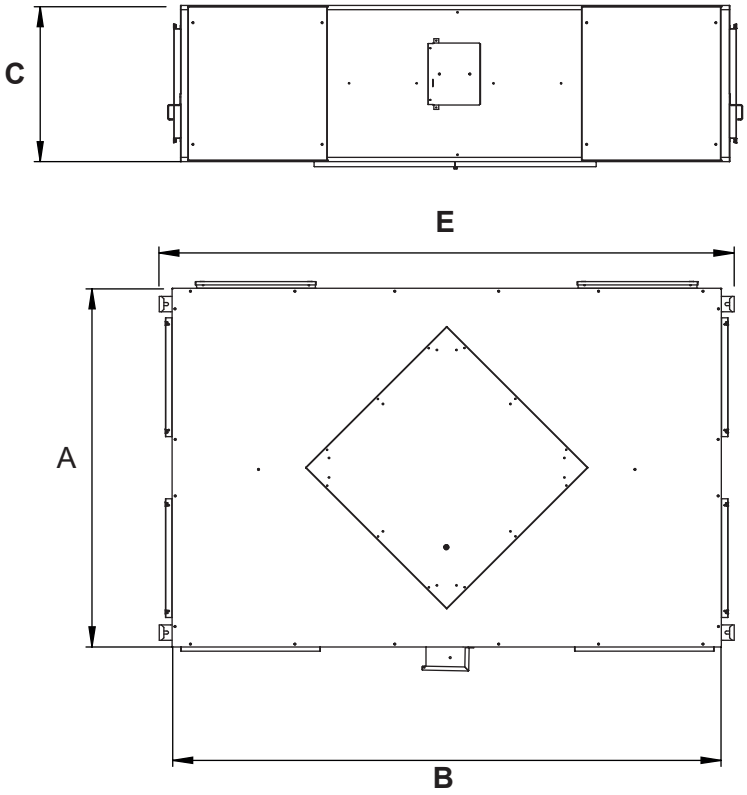
JRH72N / 4000

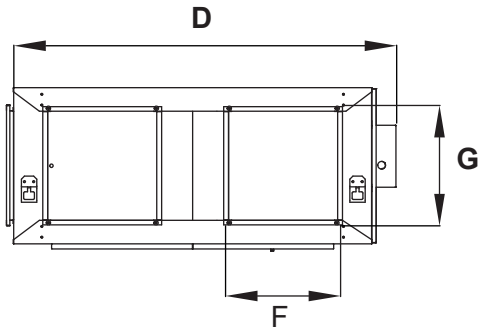


Protok vazduha kada je spoljašnji statički pritisak 0 Pa [m³/h] *Air flow date when the external static pressure is 0 Pa [m³/h]*	**3830**
Filter *Filter*	**G4**
Opseg temperature (°C) *Operating temperature (°C)*	**-12 / +46**
Napon *Supply voltage*	**230V 50Hz**
Snaga motor [W] *Fan motor power [W]*	**2x650**
Maksimalna struja [A] *Maximum current [A]*	**2x2,70**
Jačina zvuka merena na razdaljini od 1,5m [dB(A)] *Surrouding sound 1,5 m distance [dB(A)]*	**52**

TEHNIČKI CRTEŽI I TABELE
TECHNICAL DRAWING AND TABLES

JRH72N / 4000 EC



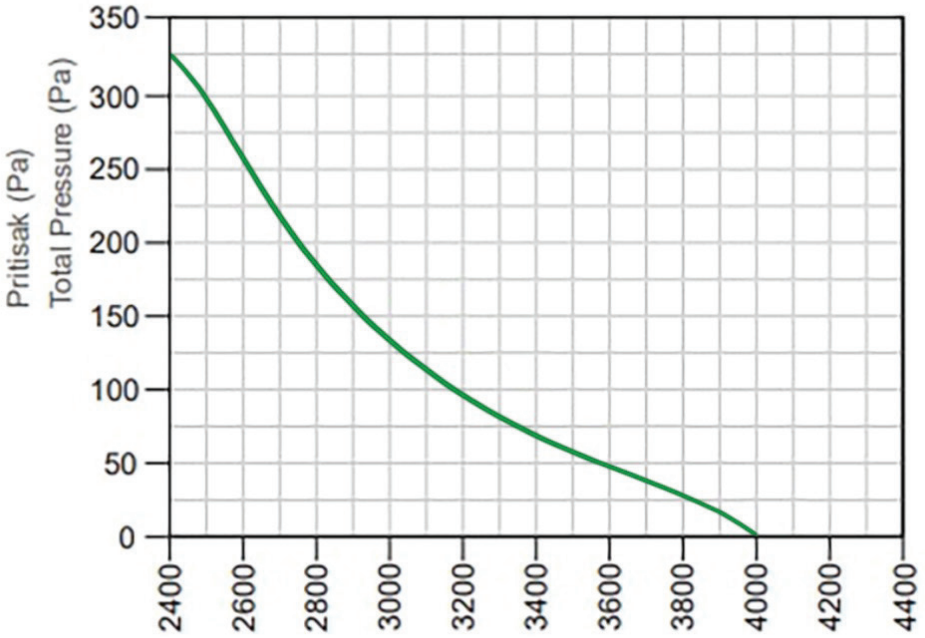


A: Širina (bez poklopca)	[mm]	1170
B: Dužina bez prirubnica	[mm]	1890
C: Visina	[mm]	515
D: Ukupna širina	[mm]	1300
E: Dužina sa nosačima	[mm]	1970
F: Dužina prirubnice	[mm]	370
G: Visina prirubnice	[mm]	370
Težina	[kg]	125

Tip izmenjivača *Exchanger type*	**Od aluminijum, unakrsnog protoka** ***Aluminium plate cross flow***
Model EC ventilatora *EC Fan model*	**EBM Papst VBS0355CSPHS**
Mesto ugradnje *Installation*	**Unutar objekta** ***Indoor***
Orjentacija ugradnje *Installation position*	**Horizontalna** ***Horizontal***
Kućište Case structure	**10mm izolovana ploča** **10mm insulated single walled**

TEHNIČKI PODACI
TECHNICAL DATA

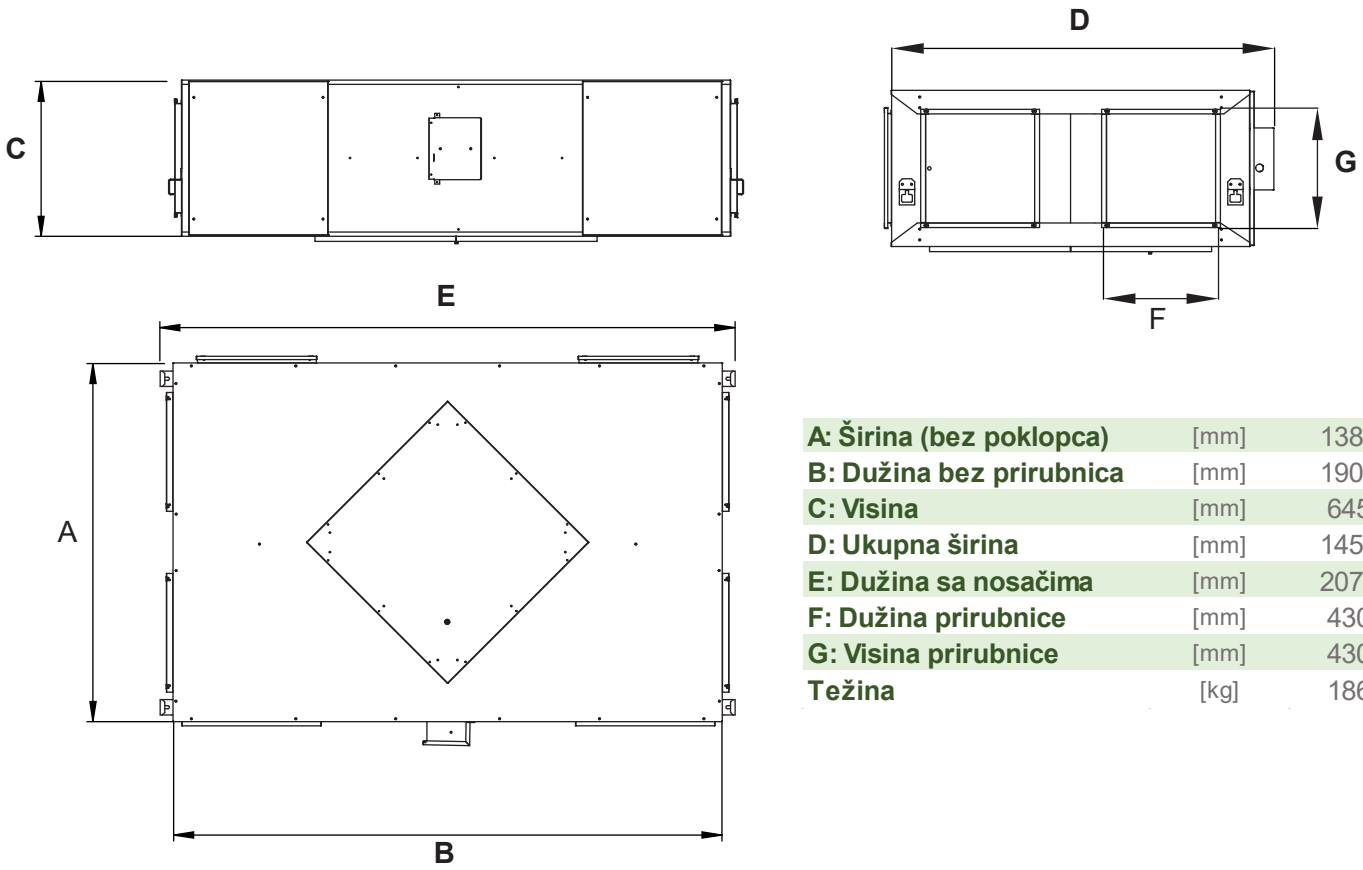
JRH72N / 4000 EC



Protok vazduha kada je spoljašnji statički pritisak 0 Pa [m³/h] *Air flow date when the external static pressure is 0 Pa [m³/h]*	**4000**
Filter *Filter*	**G4**
Opseg temperature (°C) *Operating temperature (°C)*	**-12 / +46**
Napon *Supply voltage*	**230V 50Hz**
Snaga EC motor [W] *EC Fan motor power [W]*	**2x568**
Maksimalna struja [A] *Maximum current [A]*	**2x2,51**
Jačina zvuka merena na razdaljini od 1,5m [dB(A)] *Surrouding sound 1,5 m distance [dB(A)]*	**52**

TEHNIČKI CRTEŽI I TABELE
TECHNICAL DRAWING AND TABLES

JRH72N / 5000

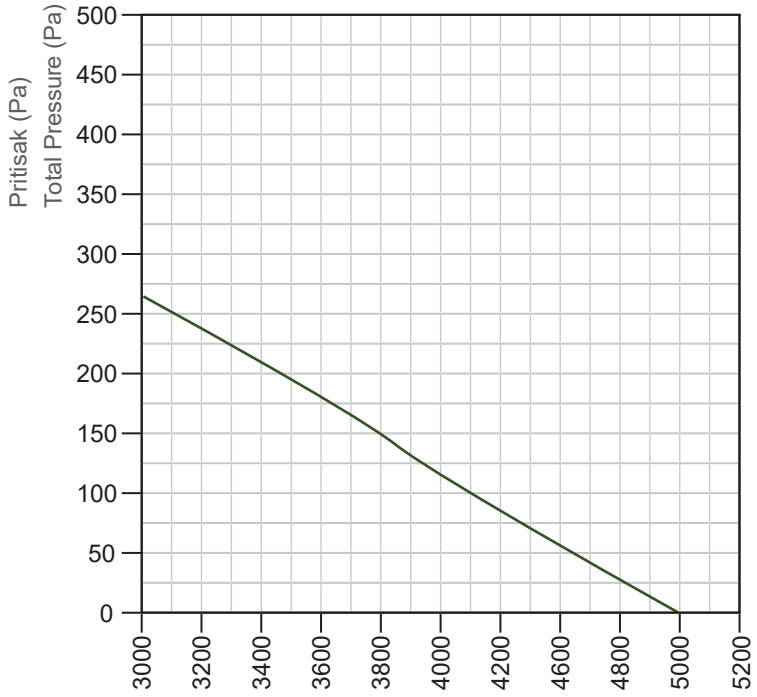


A: Širina (bez poklopca)	[mm]	1380
B: Dužina bez prirubnica	[mm]	1900
C: Visina	[mm]	645
D: Ukupna širina	[mm]	1455
E: Dužina sa nosačima	[mm]	2070
F: Dužina prirubnice	[mm]	430
G: Visina prirubnice	[mm]	430
Težina	[kg]	186

Tip izmenjivača *Exchanger type*	**Od aluminijum, unakrsnog protoka** ***Aluminium plate cross flow***
Model ventilatora *Fan model*	**S&P CRBB/4-450/125D**
Mesto ugradnje *Installation*	**Unutar objekta** ***Indoor***
Orjentacija ugradnje *Installation position*	**Horizontalna** ***Horizontal***
Kućište Case structure	**10mm izolovana ploča** **10mm insulated single walled**

TEHNIČKI PODACI
TECHNICAL DATA

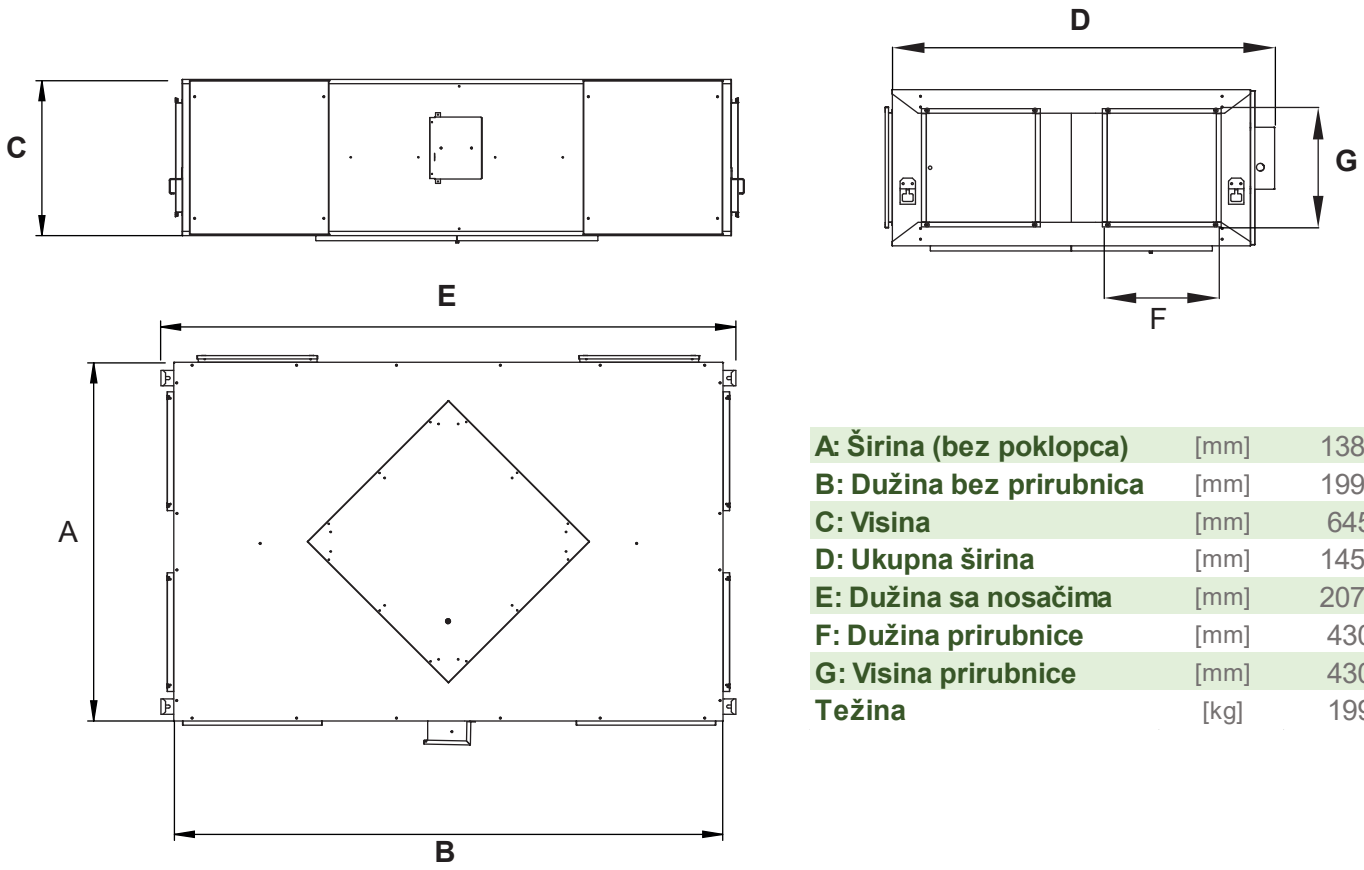
JRH72N / 5000



Protok vazduha kada je spoljašnji statički pritisak 0 Pa [m³/h] *Air flow date when the external static pressure is 0 Pa [m³/h]*	**4980**
Filter *Filter*	**G4**
Opseg temperature (°C) *Operating temperature (°C)*	**-12 / +46**
Napon *Supply voltage*	**230V 50Hz**
Snaga motor [W] *Fan motor power [W]*	**2x890**
Maksimalna struja [A] *Maximum current [A]*	**2x3,80**
Jačina zvuka merena na razdaljini od 1,5m [dB(A)] *Surrouding sound 1,5 m distance [dB(A)]*	**53**

TEHNIČKI CRTEŽI I TABELE
TECHNICAL DRAWING AND TABLES

JRH72N / 6000

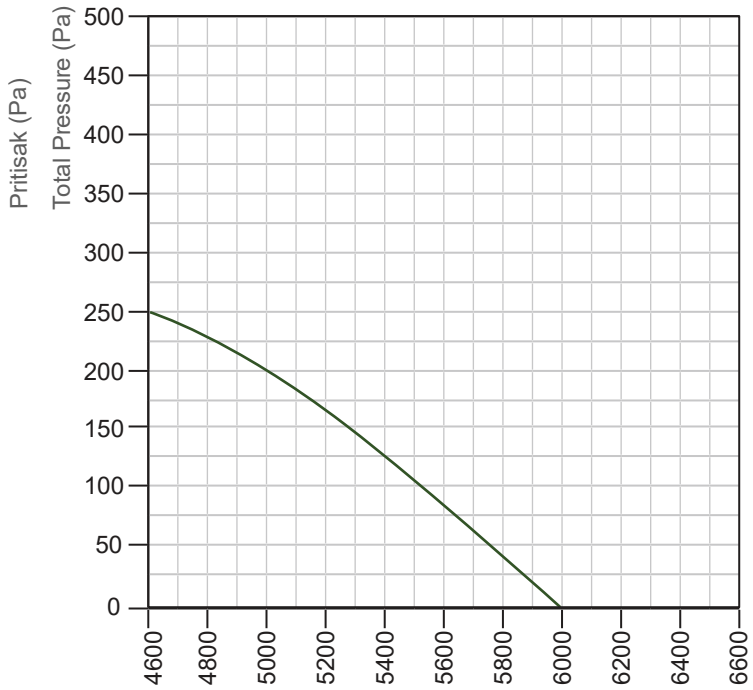


A: Širina (bez poklopca)	[mm]	1380
B: Dužina bez prirubnica	[mm]	1990
C: Visina	[mm]	645
D: Ukupna širina	[mm]	1455
E: Dužina sa nosačima	[mm]	2070
F: Dužina prirubnice	[mm]	430
G: Visina prirubnice	[mm]	430
Težina	[kg]	199

Tip izmenjivača *Exchanger type*	**Od aluminijum, unakrsnog protoka** ***Aluminium plate cross flow***
Model ventilatora *Fan model*	**S&P CRBB/4-450/125D**
Mesto ugradnje *Installation*	**Unutar objekta** ***Indoor***
Orjentacija ugradnje *Installation position*	**Horizontalna** ***Horizontal***
Kućište Case structure	**10mm izolovana ploča** **10mm insulated single walled**

TEHNIČKI PODACI
TECHNICAL DATA

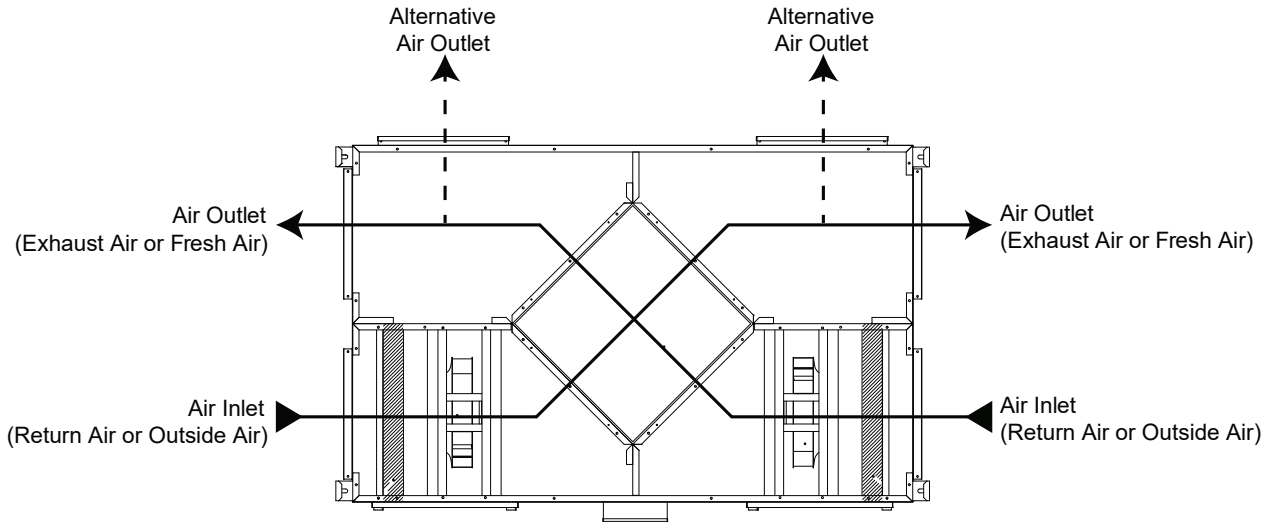
JRH72N / 6000



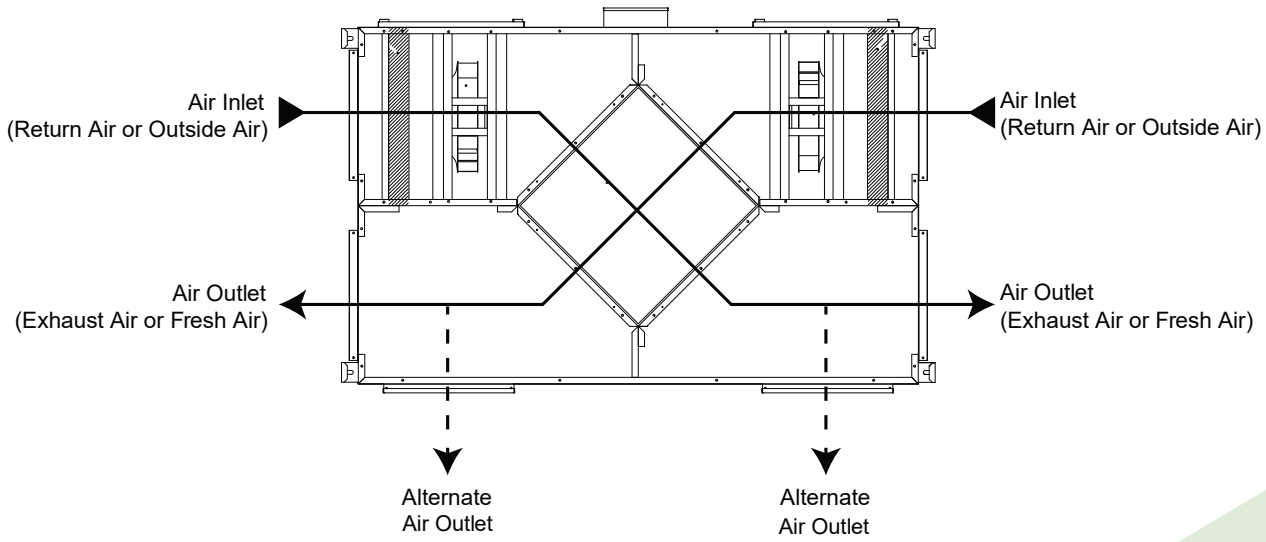
Protok vazduha kada je spoljašnji statički pritisak 0 Pa [m³/h] *Air flow date when the external static pressure is 0 Pa [m³/h]*	**6100**
Filter *Filter*	**G4**
Opseg temperature (°C) *Operating temperature (°C)*	**-12 / +46**
Napon *Supply voltage*	**230V 50Hz**
Snaga motor [W] *Fan motor power [W]*	**2x1270**
Maksimalna struja [A] *Maximum current [A]*	**2x5,30**
Jačina zvuka merena na razdaljini od 1,5m [dB(A)] *Surrouding sound 1,5 m distance [dB(A)]*	**59**

INSTALACIJA
INSTALLATION

Instalacija sa desne strane
Right hand side installation

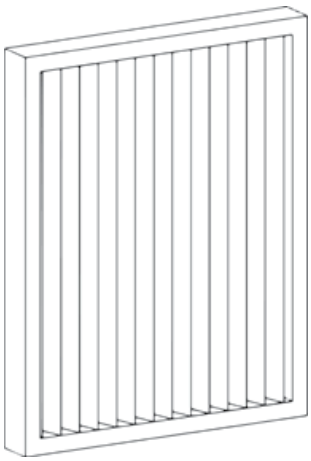


Instalacija sa leve strane
Left hand side installation



DODATNA OPREMA
ACCESSORIES

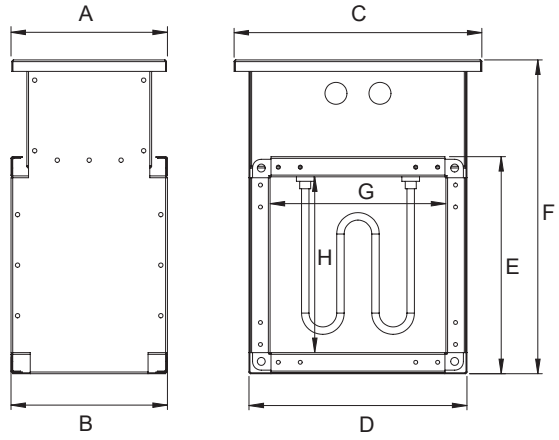
Filteri
Filters



Model	Dimenzije DxVxŠ *Dimensions LxHxW*	Količina po uređaju *Pieces per unit*
Filter za JRH72N/800 Filter for JRH72N/800	290x310x48	2
Filter za JRH72N/1000 Filter for JRH72N/1000	290x310x48	2
Filter za JRH72N/1500 Filter for JRH72N/1500	415x314x48	2
Filter za JRH72N/2000 Filter for JRH72N/2000	415x386x48	2
Filter za JRH72N/2500 Filter for JRH72N/2500	545x379x48	2
Filter za JRH72N/3000 Filter for JRH72N/3000	545x468x48	2
Filter za JRH72N/4000 Filter for JRH72N/4000	545x468x48	2
Filter za JRH72N/5000 Filter for JRH72N/5000	630x598x48	2
Filter za JRH72N/6000 Filter for JRH72N/6000	630x598x48	2

DODATNA OPREMA
ACCESSORIES

Električni predgrejač / dogrejač
Electrical pre / after heater





Model	Napon [V/50Hz] Supply voltage	Snaga [kW] Electrical power	Stepen kontrole Step	Stepen kontrole [kW] Capacity per step	Dimenzije Dimensions							Otpornik Resistor	
					A	B	C	D	E	F	GxH	Snaga [W] Electrical power	Količina Quantity
JRH72N/800		2	1	2	176	178	282	248	247	357	200X200	667	3
JRH72N/1000		3	1	3	176	178	282	248	247	357	200X200	1.000	3
JRH72N/1500		3	2	1,5	326	328	252	218	317	427	170X270	500	6
JRH72N/2000		5	3	1,67	326	328	332	298	347	457	250X300	558	9
JRH72N/2500	380	7	3	2,34	476	328	382	348	347	457	300X300	780	9
JRH72N/3000		8	3	2,67	476	478	452	418	417	527	370X370	889	9
JRH72N/4000		10	3	3,34	476	478	452	418	417	527	370X370	1.112	9
JRH72N/5000		13	3	4,34	476	478	512	478	477	587	430X430	1.444	9
JRH72N/6000		13/16*	3	13-4,34/16-5,34	476	478	512	478	477	587	430X430	1.444	9

* ON request / Na zahtev

Električni predgrejač se koristi za prevenciju zamrzavanja izmenjivača kada je temperatura spoljašnjeg vazduha niska. Električni dogrejač se koristi za dogrevanje dovodnog vazduha. Električni grejači dolaze u kompletu sa svim električnim komponentama neophodnim za povezivanje sa Control Kit 5 kontrolerom. Pri poručivanju grejača za JRH72N/6000, obavezno napomenite da li želite električni grejač snage od 13kW ili 16kW.

Electrical pre heater is used in order to prevent freezing at the exchanger in the situations which the outside air is very low Electrical after heater is used for increasing the supply air temperature. Electrical heaters are equipped with everthing you need to connect with JAKKA Control Kit 5 controler. Please mention whether you want a 13kV or 16kV electric heater when ordering the heater for the JRH72N/6000.

DODATNA OPREMA
ACCESSORIES

Toplovodni izmenjivač
Hot water coil



Model	Kapacitet Capacity (90/70 C)[kcal/h]	Pritisak vode Waterside pressure [kPa]	Pritisak vazduha Airside pressure [kPa]	Prečnik priključka Connection diameter (Brass Fittings)	Potrošena snaga Consumed power [W]	Dimenzije Dimensions A [mm]	 B[mm]	 C[mm]	Dimenzije kanala Duct dimensions D[mm]	 E[mm]
JRH72N/800	4.700	3,01	12	3/4	100	409	498	252	351	375
JRH72N/1000	7.000	5,34	19	3/4	100	409	498	252	351	375
JRH72N/1500	11.300	21,55	46	3/4	100	409	498	252	351	375
JRH72N/2000	20.700	32,43	51	3/4	130	448	536	252	390	476
JRH72N/2500	29.500	66,82	61	3/4	130	483	600	252	424	477
JRH72N/3000	33.000	30,6	84	3/4	130	483	651	252	445	528
JRH72N/4000	37.400	12,49	46	3/4	130	764	748	252	705	629
JRH72N/5000	42.500	16,12	68	3/4	130	764	748	252	705	629
JRH72N/6000	47.300	19,86	92	3/4	170	764	748	252	705	629

-Uz toplovodne izmenjivače se ne isporučuje trokraki ventil
The supply of a three-way valve is not included with hot water exchangers.

Toplovodni izmenjivač se koristi na kraju ili unutar kanala. Kontrolna tabla pokreće grejač prema temperaturi ambijenta. Ima male padove pritiska i povezuje sistem kanala, bez dodatne opreme za povezivanje.

Hot water coils are used at the exit of fresh air duct or inside the duct. The electrical board starts up the coil on/off according to set temperature with room controller. They have low pressure drops and can connect to duck system without using additional connection systems.

SENZORI
SENSORS

REGIN CTDT2



Senzor za merenje koncentracije ugljen-dioksida i temperature vazduha. Deo senzora CO2 montira se u pokrivni deo kućišta dok se deo senzora za merenje temperature nalazi unutar sonde. Vazduh u ventilacionom kanalu se transportuje do CO2 senzora kroz jednu polovinu sonde i zatim nazad u kanal kroz drugu polovinu.
Merni opseg 0-2000 *(parts per million).*

Sensor for measuring carbon dioxide concentration and temperature in air. The CO2 sensor element is mounted in the cover part of the casing and the temperature sensor element is located inside the probe. The air in the ventilation duct is transported to the CO2 sensor element through one half of the probe and then back to the duct through the other half. Measuring range 0-2000 ppm (parts per million).

DWYER CDT2D40



Senzor za merenje koncentracije ugljen-dioksida i temperature vazduha. Merni opseg 0-2000 ppm *(parts per million) ili 0-5000 ppm (parts per million) u zavsnosti od modela.*

Sensor for measuring carbon dioxide concentration and temperature in air. Measuring range 0-2000 ppm (parts per million) or 0-5000ppm (parts per million) depending on mode.

SENZORI
SENSORS

DWYER GSTATC



Zidni senzor za merenje koncentracije ugljen-dioksida i temperature vazduha. Merni opseg 0-2000 ppm *(parts per million) ili 0-5000 ppm (parts per million) u zavsnosti od modela.*

Wall mount sensor accurately monitor the CO 2 concentration and temperature. *Measuring range 0-2000 ppm (parts per million) or 0-5000ppm (parts per million) depending on mode.*

DIFERENCIJALNI PRESOSTAT
DIFFERENTIAL PRESSURE SWITCH

DWYER ADPS-08-2-N



ADPS diferencijalni presostat vrši detekciju protoka vazduha kroz ventilacioni kanal. To se ostvaruje pomoću razlike pritiska u kanalu i atmosferskog pritiska.

The ADPS Adjustable Differential Pressure Switch detects the air flow through the ventilation duct. This is achieved by the difference between the pressure in the duct and the atmospheric pressure.

KONTROLERI
CONTROLLS

JAKKA CONTROL KIT 5

Osnovne mogućnosti kontrolera
1. Nezavisna naponska regulacija ventilatora u 6 koraka
2. Upozorenje za proveru filtera nakon 1.200 sati rada
3. Podesiva sedmična jednokratna šema rada
4. Modbus-RTU protokol
5. Priključak za senzor za CO2, kvalitet ili vlažnost vaz. (kada je senzor prisutan, na panelu izabrati AUTO režim i potrebno je kalibrisati senzor na kontroleru)
6. Do 4 priključka za temperaturske sonde (NTC10k)



Komandni izlazi na ploči kontrolera, ukupno 4 komada
7. Kontrola el.motornog pokretača regulatora protoka na usisu svežeg vaz. i/ili by-pass(a) signalom otvoren/zatvoren 230VAC (el.motornom pokretaču sa povratnom oprugom potreban je jedan, a onim sa zasebnim komandama za otvoren i zatvoren položaj potrebna su 2 komandna signala)
8. Komandni signal 230VAC uključeno/isključeno za kontrolu el. predgrejača, el. dogrejača i/ili signal otvoren/zatvoren za kontrolu NC el.motornog ventila toplovodnog izmenjivača

Kontrolni ulazi na ploči kontrolera, ukupno 4 komada
9. Zasebno/redno povezivanje termičkih zaštita oba motora
10. Praćenje zaprljanosti filtera presostatom/ima
11. Priključak za radni i sigurnosni termostat el. predgrejača
12. Priključak za radni i sigurnosni termostat el. dogrejača
13. Priključak za javljač požara

Basic controller capabilities
1. Independent fan voltage regulation in 6 steps
2. Warning to check the filter after 1,200 hours of operation
3. Adjustable weekly one-time work schedule
4. Modbus-RTU protocol
5. Connection for sensor for CO2, air quality or humidity (when the sensor is present, select AUTO on the panel mode and it is necessary to calibrate the sensor on the controller)
6. Up to 4 connections for temperature probes (NTC10k)

Command outputs on the controller board, a total of 4 pieces
7. Control of the electric motor starter of the flow regulator on the intake fresh vase and/or by-pass(a) signal open/closed 230VAC (an electric motor starter with a return spring needs one, and one with separate commands for open and closed position requires 2 command signals)
8. Command signal 230VAC on/off for control el. preheater, el. reheater and/or signal open/closed for control of the NC electric motor valve of the hot water exchanger

Control inputs on the controller board, a total of 4 pieces
9. Separate/regular connection of thermal protection of both motors
10. Monitoring the dirtiness of the filter with the pressure switch/s
11. Connection for working and safety thermostat el. preheater
12. Connection for working and safety thermostat el. reheater
13. Fire alarm connection

2025



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