

KARTA KATALOGOWA

R2E210-AA34-05

Wentylator promieniowy AC, jednostronnie ssący

Producent: ebm-papst

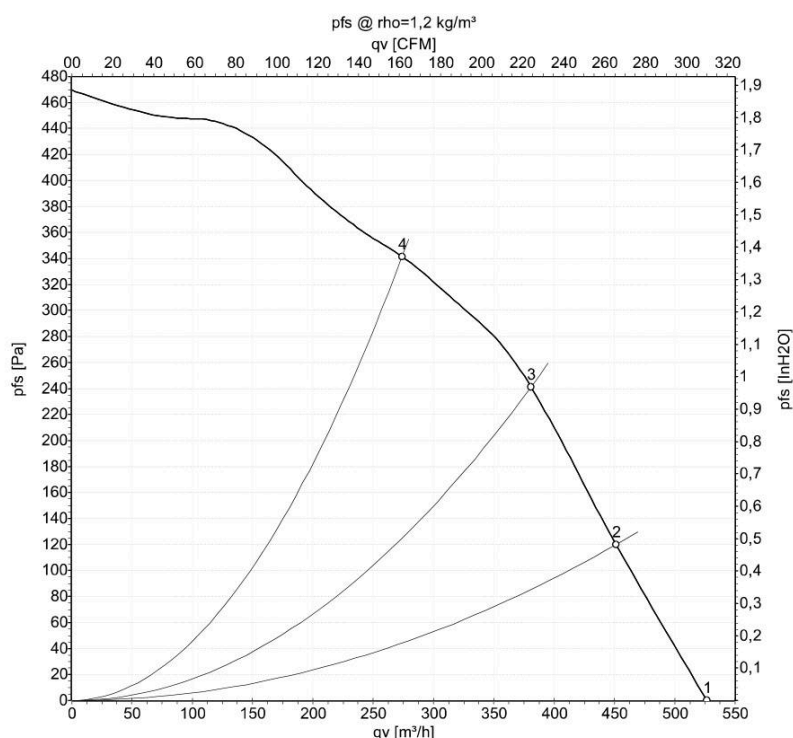


Zdjęcie poglądowe

Dane znamionowe		Budowa	
Napięcie znamionowe	1~ 230 V	Średnica wirnika	210 mm
Częstotliwość	50 Hz	Materiał wirnika	blacha stalowa
Prędkość obrotowa	2500 obr/min	Liczba łopatek	6
Pobór mocy	110 W	Stopień ochrony	IP44
Pobór prądu	0,49 A	Klasa izolacji	F
Maks. wydajność	525 m³/h	Zabezpieczenie silnika	termik (TOP)
Maks. ciśnienie statyczne	340 Pa	Masa	3,33 kg
Temperatura otoczenia	-25...+70 °C		

Charakterystyka przepływowa

Curves: Air performance 50 Hz



Measurement: LU-148468-1

Air performance measured according to ISO 5801 installation category A. For detailed information on the measurement setup, contact ebm-papst. Intake sound level: Sound power level according to ISO 13347 / sound pressure level measured at 1 m distance from fan axis. The values given are valid under the specified measuring conditions and may vary due to conditions of installation. For deviations from the standard configuration, the parameters have to be checked on the installed unit.

Dane na podstawie karty producenta ebm-papst (oryginał na kolejnych stronach).

Wartości znamionowe dla punktu maksymalnego obciążenia; producent zastrzega możliwość zmian.

Dobór, wycena i dostawa – zapytaj LUFTBERG

tel. +48 600 100 371 · tel. +48 604 959 199

biuro@luftberg.pl · www.luftberg.pl

R2E210-AA34-05

AC circulation blower for hot air

for solid-fuel heating systems

ebm-papst Mulfingen GmbH & Co. KG

Bachmühle 2 · D-74673 Mulfingen

Phone +49 7938 81-0

Fax +49 7938 81-110

info1@de.ebmpapst.com

www.ebmpapst.com

Limited partnership · Headquarters Mulfingen

Amtsgericht (court of registration) Stuttgart · HRA 590344

General partner Elektrobau Mulfingen GmbH · Headquarters Mulfingen

Amtsgericht (court of registration) Stuttgart · HRB 590142

Nominal data

Type	R2E210-AA34-05	
Motor	M2E068-DF	
Phase		1~
Nominal voltage	VAC	230
Frequency	Hz	50
Method of obtaining data		fa
Valid for approval/standard		CE
Speed (rpm)	min ⁻¹	2500
Power consumption	W	110
Current draw	A	0.49
Capacitor	µF	2
Capacitor voltage	VDB	450
Capacitor standard		S0 (CE)
Min. back pressure	Pa	0
Min. back pressure	inH ₂ O	0
Min. ambient temperature	°C	-25
Max. ambient temperature	°C	70

ml = Max. load · me = Max. efficiency · fa = Free air · cs = Customer specification · ce = Customer equipment
Subject to change



R2E210-AA34-05

AC circulation blower for hot air

for solid-fuel heating systems

Technical description

Weight	3.33 kg
Fan size	210 mm
Rotor surface	Painted black (CDP + electrostatic powder coating)
Impeller material	Sheet steel, stainless
Support plate material	Sheet steel, hot-dip galvanized
Number of blades	6
Motor suspension	Motor mounted on support plate for one-sided vibration damping
Direction of rotation	Counterclockwise, viewed toward rotor
Degree of protection	IP44; installation- and position-dependent
Insulation class	"F"
Moisture (F) / Environmental (H) protection class	H0 - dry environment
Max. permitted ambient temp. for motor (transport/storage)	+ 80 °C
Min. permitted ambient temp. for motor (transport/storage)	- 40 °C
Installation position	Any
Condensation drainage holes	None
Mode	S1
Motor bearing	Ball bearing
Touch current according to IEC 60990 (measuring circuit Fig. 4, TN system)	< 0.75 mA
Motor protection	Thermal overload protector (TOP) internally connected
With cable	Variable
Protection class	I (with customer connection of protective earth)
Conformity with standards	EN 60335-1; CE

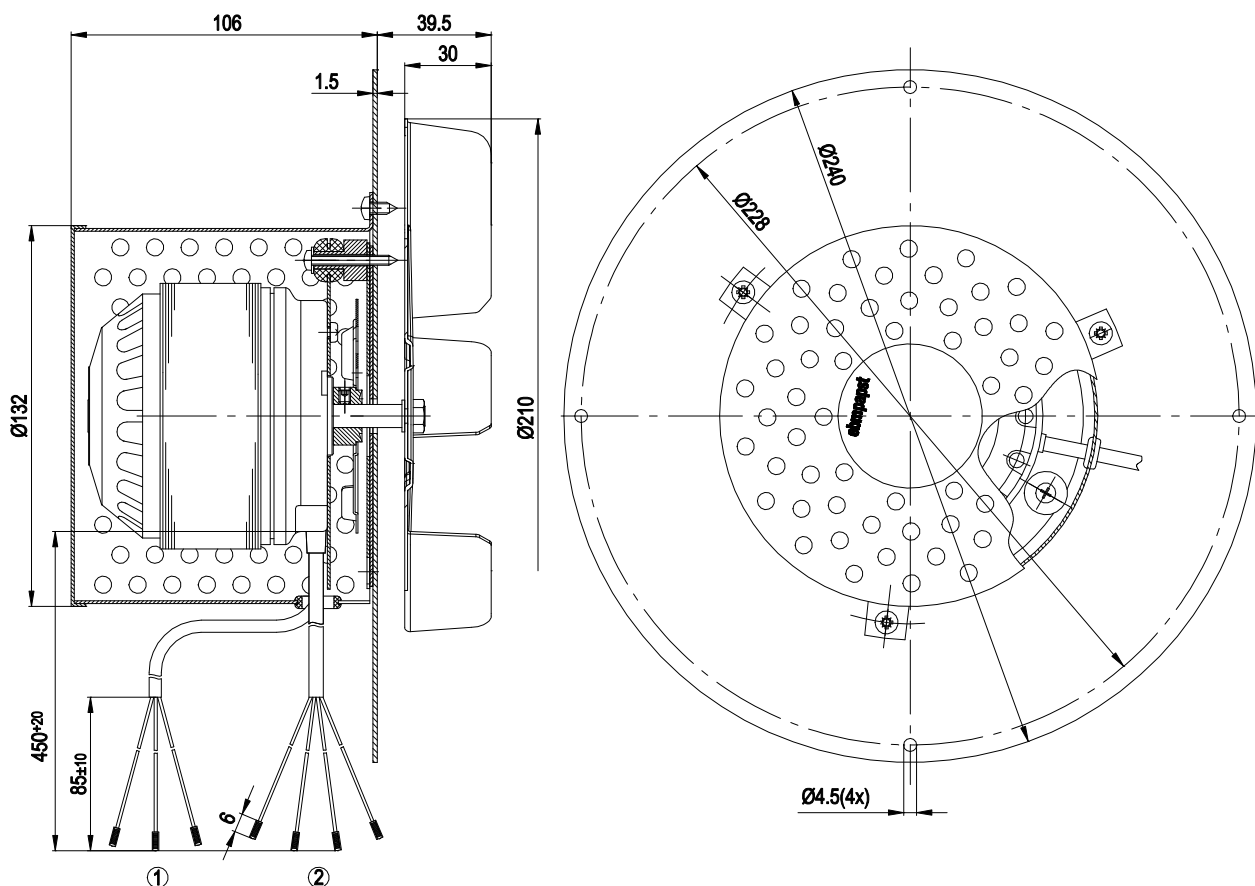


R2E210-AA34-05

AC circulation blower for hot air

for solid-fuel heating systems

Product drawing



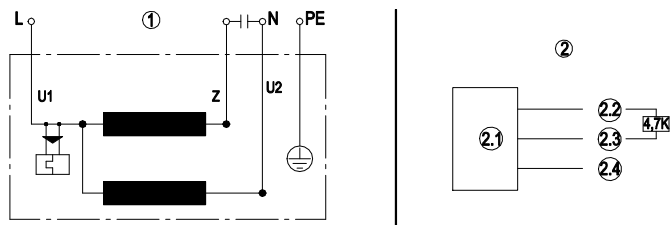
- | | |
|---|---|
| 1 | Cable Raychem AWG24, 3x crimped splices. |
| 2 | Cable silicone 4G 0.5 mm ² , 4x crimped splices. |

R2E210-AA34-05

AC circulation blower for hot air

for solid-fuel heating systems

Connection diagram



1	Fan connection diagram
U1	blue
Z	brown
U2	black
PE	green/yellow
2	Hall IC circuit
2.1	Hall IC
2.2	red (+5 V)
2.3	white (out)
2.4	black (0 V)

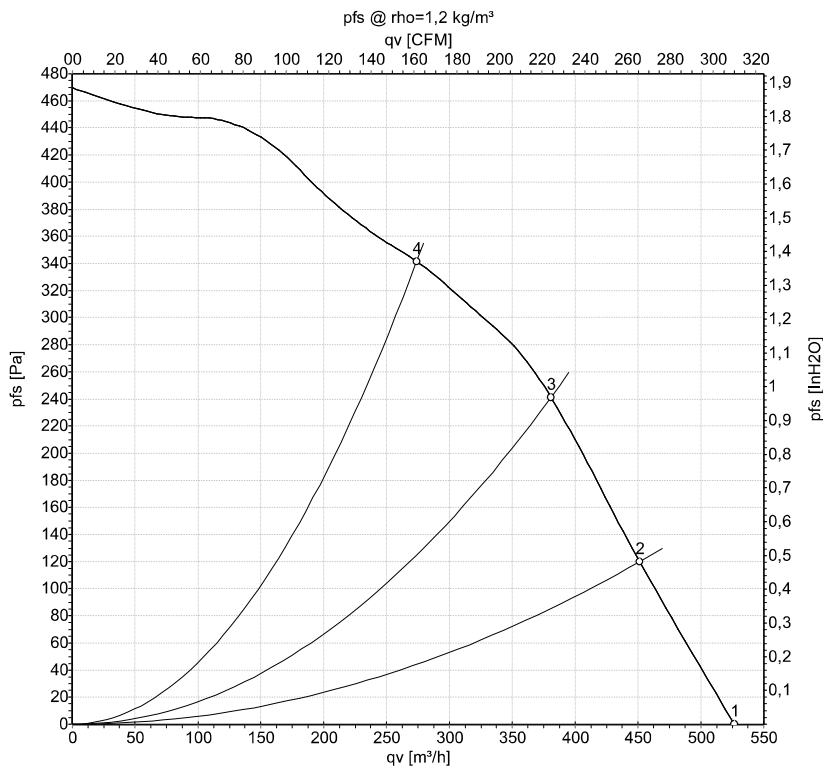


R2E210-AA34-05

AC circulation blower for hot air

for solid-fuel heating systems

Curves: Air performance 50 Hz



Measurement: LU-148468-1

Air performance measured according to ISO 5801 installation category A. For detailed information on the measurement setup, contact ebm-papst. Intake sound level: Sound power level according to ISO 13347 / sound pressure level measured at 1 m distance from fan axis. The values given are valid under the specified measuring conditions and may vary due to conditions of installation. For deviations from the standard configuration, the parameters have to be checked on the installed unit.

Measured values

	U	f	n	P _e	I	q _v	p _{fs}	q _v	p _{fs}
	V	Hz	min ⁻¹	W	A	m³/h	Pa	cfm	inH ₂ O
1	230	50	2500	110	0.49	525	0	310	0.00
2	230	50	2495	109	0.48	450	120	265	0.48
3	230	50	2550	102	0.44	380	240	225	0.96
4	230	50	2660	87	0.38	275	340	160	1.36

U = Power supply · f = Frequency · n = Speed (rpm) · P_e = Power consumption · I = Current draw · q_v = Air flow · p_{fs} = Pressure increase

