

# AC centrifugal fans - RadiCal

Series R2E250 RB Ø250 mm



## Highlights:

- 7-blade fan, 1-phase fan motor
- Backward curved, single inlet
- Thermal overload protector (TOP) wired internally
- Mounting position: Shaft horizontal or rotor on bottom; rotor on top on request
- Condensate discharge holes: Rotor-side
- Ingress protection of IP44; dependant on installation and position

**Material:** Fiberglass-reinforced composite

Impeller: PA

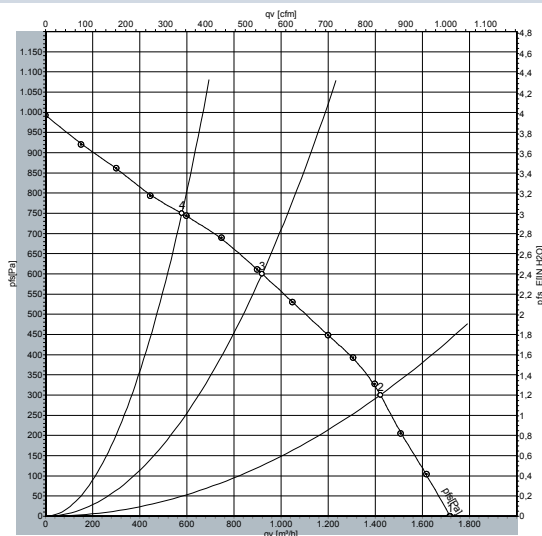
Electronic housing: PBT

**Direction of rotation:** Clockwise, seen on rotor

Nominal Data	Air flow	Nominal voltage	Voltage range	Sound pressure level	Sound power level	Ball bearings	Power input	Speed (1)	Temperature range (1)	Mass	Ingress Protection Rating	UL Approval	Capacitor
	CFM	VDC	VDC	dB(A)	dB(A)	Watts	RPM	°C	g				
R2E250-RB02-11	1010.1	115	100...130	73	81	Yes	395	3,050	-25...60	3,800	IP44	Yes	20
R2E250-RB06-12	1006.5	230	200...240	73	81	Yes	390	3,100	-25...55	3,800	IP44	Yes	5

(1) Nominal data at maximum load.

## R2E250-RB02-11 Curves



Measurement: LU-131705

Air performance measured as per: ISO 5801, Installation category A, without protection against accidental contact.

Suction-side noise levels: LWA as per ISO 13347, LPA measured at 1m distance to fan axis.

The values given are valid under the measuring conditions mentioned and may vary according to the actual installation situation.

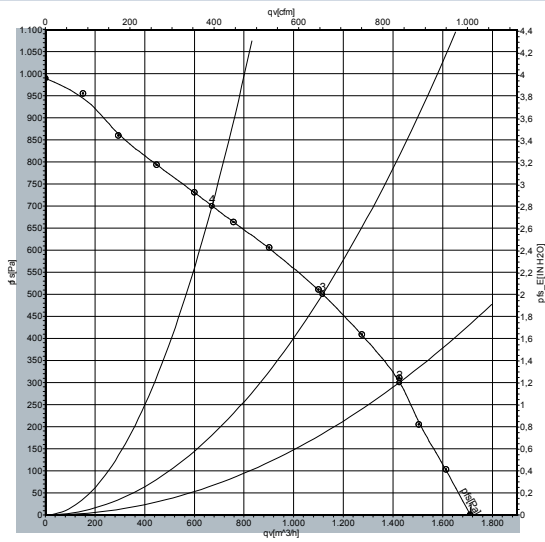
With any deviation to the standard set-up, the specific values have to be checked and reviewed once installed or fitted.

For detailed information on the measuring set-up, please contact ebm-papst.

	n rpm	Pe W	I A (115V)	LwA dB(A)
(A) 1	3220	352	3.1	81
(A) 2	3125	380	3.3	76
(A) 3	3050	395	3.5	74
(A) 4	3170	363	3.2	80

Note: (-) Not available. Contact Application Engineering for more information.

## R2E250-RB06-12 Curves



Measurement: LU-130856

Air performance measured as per: ISO 5801, Installation category A, without protection against accidental contact.

Suction-side noise levels: L<sub>WA</sub> as per ISO 13347, L<sub>pA</sub> measured at 1m distance to fan axis.

The values given are valid under the measuring conditions mentioned and may vary according to the actual installation situation.

With any deviation to the standard set-up, the specific values have to be checked and reviewed once installed or fitted.

For detailed information on the measuring set-up, please contact ebm-papst.

	n rpm	P <sub>e</sub> W	I A (230V)	L <sub>WA</sub> dB(A)
ⓑ 1	3200	345	3.0	81
ⓑ 2	3155	364	3.2	76
ⓑ 3	3100	390	3.4	73
ⓑ 4	3150	365	3.2	80

Note: (-) Not available. Contact Application Engineering for more information.

## R2E250-RBXX-XX

