

AC centrifugal fans - RadiCal®

Series R2E225 RA Ø225 mm



Highlights:

- Backward curved
- 7-blade impeller, single phase motor
- Thermal overload protector (TOP) wired internally
- Mounting position: Any
- Condensate discharge holes: None
- Ingress protection of IP44; dependent on installation and position

Material: Fiberglass reinforced composite

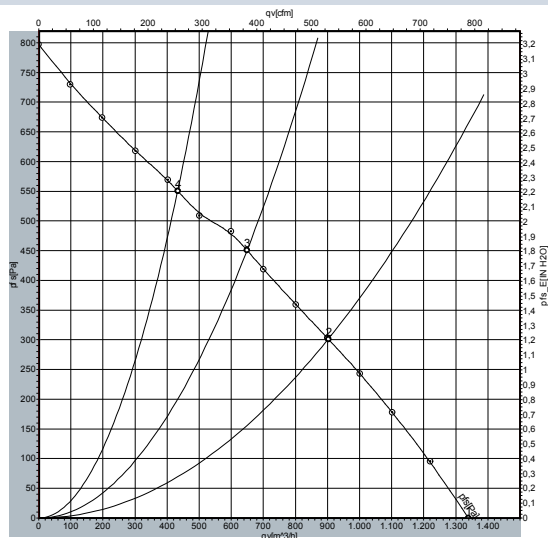
Impeller: PA

Direction of rotation: Clockwise, seen on rotor

Nominal Data	Air flow	Nominal voltage	Hertz	Ball bearings	Power input	Speed (1)	Temperature range (1)	Mass	Ingress Protection Rating	Capacitor	UL
Type	CFM	VAC			Watts	RPM	°C	g		µF	
R2E225-RA40-21	788.7	115	50/60	Yes	225	2,700	-25...40	2,300	IP44	14	Yes
R2E225-RA92-20	765.2	230	50/60	Yes	225	2,600	-25...45	2,300	IP44	3.5	Yes

(1) Nominal data at operating point with maximum load.

R2E225-RA40-21 Curves



Measurement: LU-128357

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)
①	3025	187	1.61	76
②	2700	225	1.95	70
③	2765	218	1.89	69
④	2890	204	1.76	71

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	n	Pe	I	L _W A
	rpm	W	A (230V)	dB(A)
Ⓐ ①	2900	190	0.83	76
Ⓑ ②	2700	210	0.92	72
Ⓒ ③	2700	207	0.90	68
Ⓓ ④	2815	196	0.85	73

Technical drawing of the 96358-2-4013 inlet nozzle, showing dimensions and assembly details.

Dimensions (mm):

- Overall height: 153.5
- Flange height: 225
- Base diameter: 146
- Central bore diameter: 4.5
- Wall thickness: 1.5
- Flange diameter: 223
- Mounting hole diameter: 2.10
- Central connection diameter: 58

Notes:

- Accessory part: Inlet nozzle 96358-2-4013, not included in the standard scope of delivery
- Connection line PVC AWG20, 4x brass lead tips crimped
- Depth of screw max. 5mm