AC centrifugal fans - RadiCal®

Series R2E220 RA Ø220 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

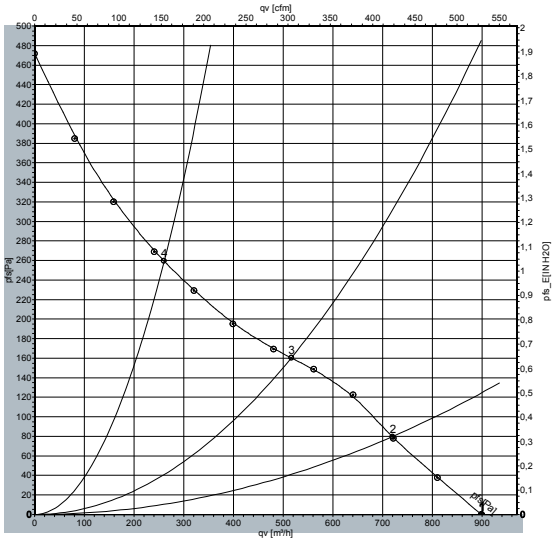
Material: Fiberglass reinforced composite
Impeller: PA

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**	
R2E220-RA44-14	**529.7**	115	50/60	Yes	108	2,100	-25...60	1,300	IP44	8	Yes
R2E220-RA38-13	**541.5**	230	50/60	Yes	107	2,050	-25...60	1,300	IP44	2	Yes

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

R2E220-RA44-14 Curves



Measurement: LU-130009

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.

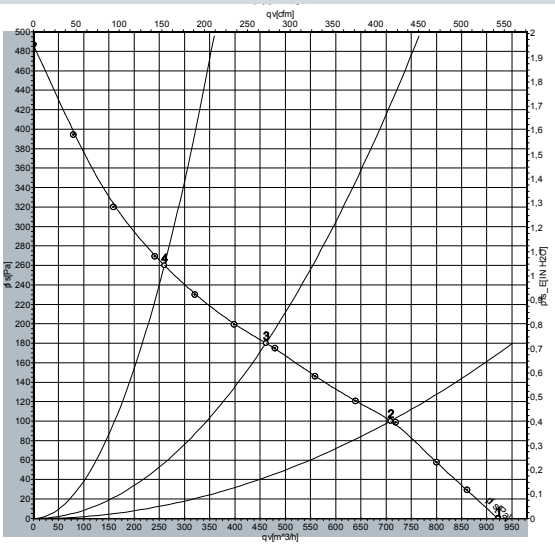
The values given are valid under the measuring conditions mentioned and may vary accoring to the actual installation situation.

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)	L_{WA} dB(A)
A 1	2455	92	0.81	69
A 2	2260	98	0.85	62
A 3	2100	100	0.88	60
A 4	2265	96	0.84	65

R2E220-RA38-13 Curves



Measurement: LU-136805

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 accoring 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 (230V)	LWA dB(A)
B 1	2450	102	0.46	69
B 2	2220	106	0.46	62
B 3	2050	107	0.47	60
B 4	2215	105	0.46	65

R2E220-RAXX-XX

