

RCR Series - roof centrifugal



Suggested Specification

Roof exhaust type fans shall be of the RCR Series manufactured by Pacific HVAC Engineering. Backward curved impellers shall be driven by external rotor motors with sealed for life bearings. Fan cases and grilles shall be of galvanised steel with powder coat finish. All fans shall be fully tested in accordance with the requirements of ISO 5801 : 2007 for air flow and ISO 13347 : 2004 for sound.

RCR

The RCR range of roof mounted fans is designed for ventilation applications including domestic kitchen hood extraction where lowest possible noise levels are required. The fans are also suitable for general medium demand ducted ventilation systems where low sound levels are a priority.

Construction

The range is fitted with backward curved centrifugal impellers driven by external rotor motors with sealed for life bearings. Components are made from galvanised steel with powder coat finish.

Features

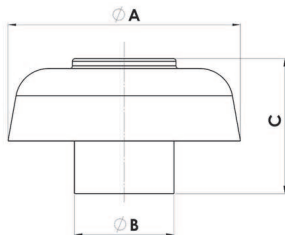
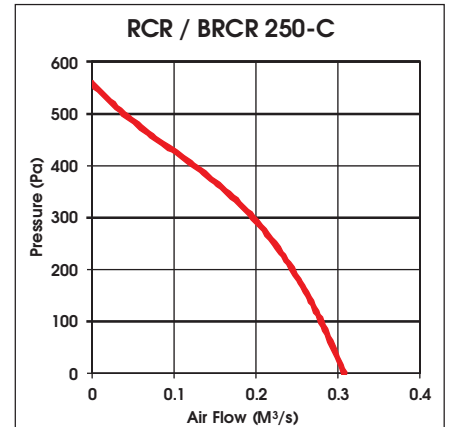
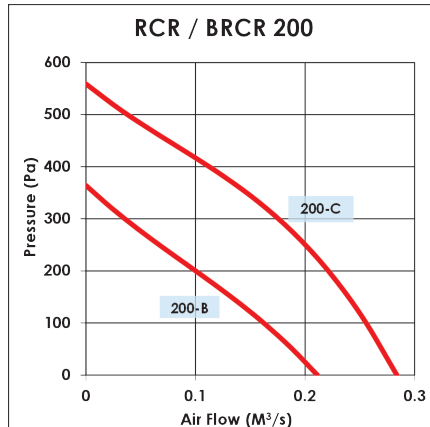
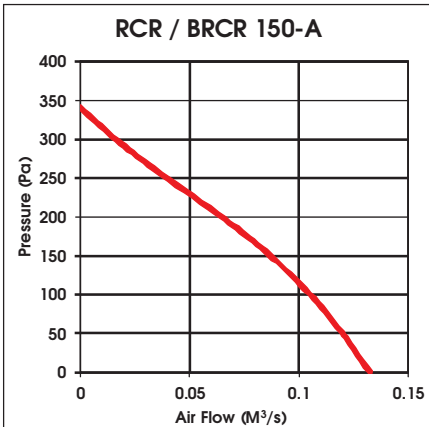
- Low noise levels.
- Fans are speed controllable with VA type controllers.
- Three speed motors available
- Bird screen design
- Available in optional Colorbond™ colours.

Testing

Rated fan performance has been determined by testing to ISO 5801 : 2007 . Fan sound data has been determined by testing to ISO 13347 : 2004.

Wiring

Three pin plug. Datasheets are available from our electronic selection software **FansSelect** downloadable at www.pacificHVAC.com



RCR				
Size	A	B(I/D)	C	kg
150	300	150	220	3.2
200	400	200	240	5.2
250	500	250	260	5.7

Fan Model	RPM	Voltage	Amps	kW	Sound Power Level dB referred to 10 ⁻¹² W Type C: ducted inlet, free out (LWi)									
					63	125	250	500	1K	2K	4K	8K	dB(A)	
RCR150-A	2350	240	0.23	0.052	64	65	60	57	56	54	49	45	40	
RCR200-B	2600	240	0.38	0.085	82	80	74	68	65	65	59	55	51	
RCR200-C	2500	240	0.68	0.155	79	77	67	65	62	62	56	52	48	
RCR250-C	2500	240	0.68	0.155	79	77	67	65	62	62	56	52	48	

