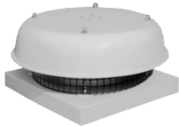


RCD Series - roof centrifugal



RCD 355-7 10



RCD 28 0-315

Suggested Specification

Roof Centrifugal Exhaust type fans shall be of the RCD or RCV Series manufactured by Pacific HVAC Engineering. Backward curved impellers shall be driven by external rotor motors with sealed for life bearings. Fan bases, wind bands and caps shall be weather proof and fabricated from UV resistant ABS polymer. All fans shall be fully tested in accordance with the requirements of ISO 58 01 : 2007 for air flow and ISO 13347 : 2004 for sound.

product RCD Series - roof centrifugal		
dimensions mm Up to 7 10	poles & duty 4 - 6 / up to 4, 200 L/s	
application A general purpose centrifugal range for extract ventilation.		

RCD

The RCD series of horizontal discharge roof fans incorporate improved design features as well as revised base dimensions to allow drop in replacement of commonly encountered roof fans.

Construction

Components are made from UV stabilised polymer, corrosion protected steel and fibreglass. All models are fitted with bird mesh as standard. Available in optional Colorbond™ colours.

Motors

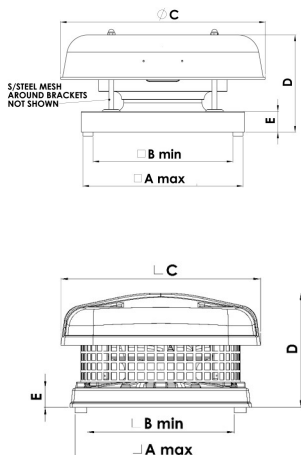
Motor windings incorporate class 'B' or 'F' insulation as standard. Motor bearings are sealed for life and maintenance free.

Testing

Rated fan performance has been determined by testing to ISO 58 01 : 2007 . Fan sound data has been determined by testing to ISO 13347 : 2004.

Wiring diagrams and latest data

Refer to the latest product datasheet for individual model wiring instructions, data and specifications. Datasheets are available from our electronic selection software **FansSelect** downloadable at www.pacificHVAC.com It is a condition of our warranty that all equipment supplied is installed according to the requirements of AS/NZS3000: 2007 Australian/New Zealand wiring rules.



RCD 190-315						
Size	A	B	C	D	E	Max kg
190	38 0	325	400	26 0	6 0	4
220	295	245	350	120	50	4
28 0	395	345	507	215	50	5
315	395	345	505	239	50	6

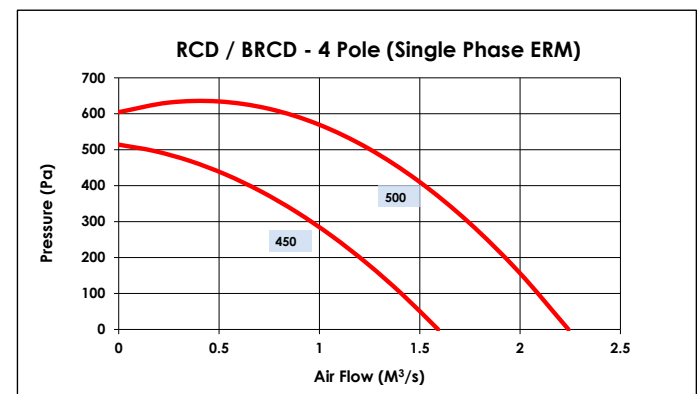
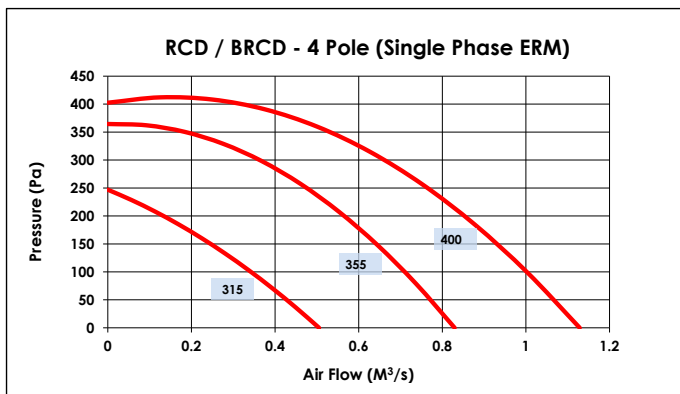
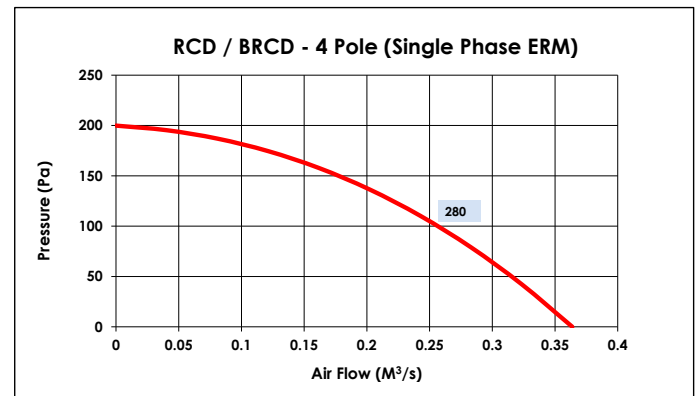
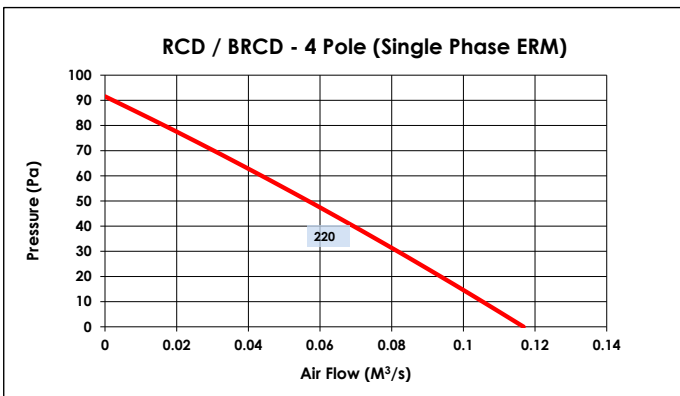
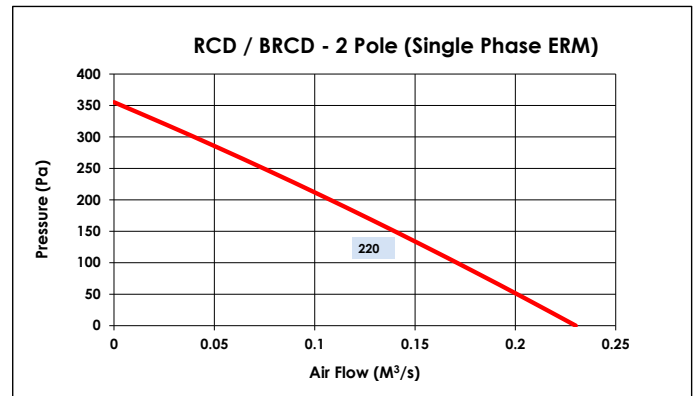
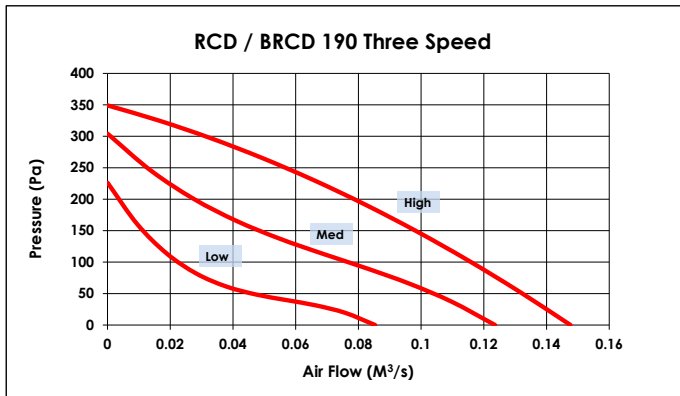
RCD 355-7 10						
Size	A	B	C	D	E	Max kg
355	500	400	7 30	410	7 0	12
400	500	400	7 30	427	7 0	16
450 / 500	7 20	6 20	96 5	530	8 0	23/34
56 0	7 20	6 20	96 5	545	8 0	39
6 30	8 10	7 10	1250	6 15	8 0	54
7 10	8 10	7 10	1250	6 55	8 0	7 1

RCD Series - roof centrifugal

Fan Data - ERM - Single Phase

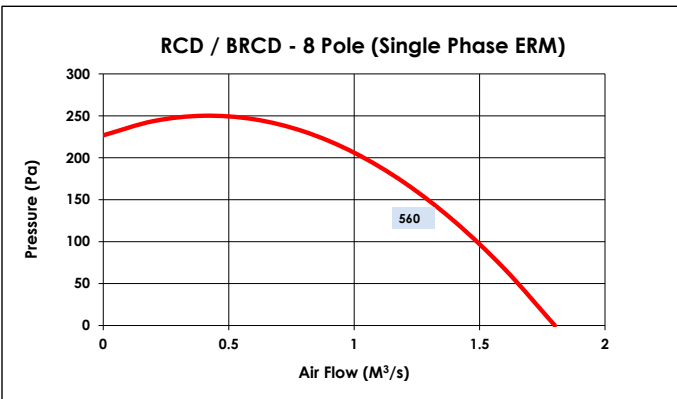
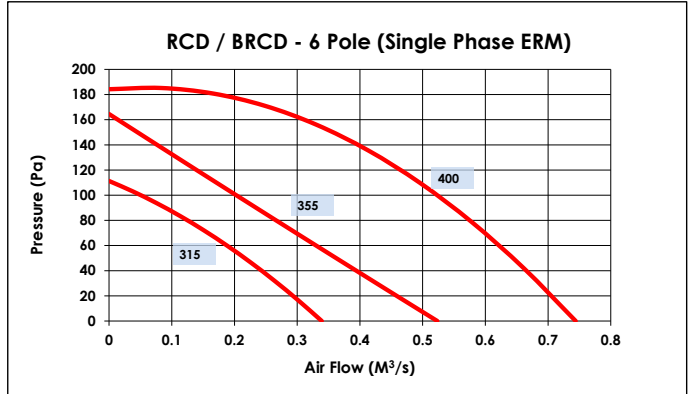
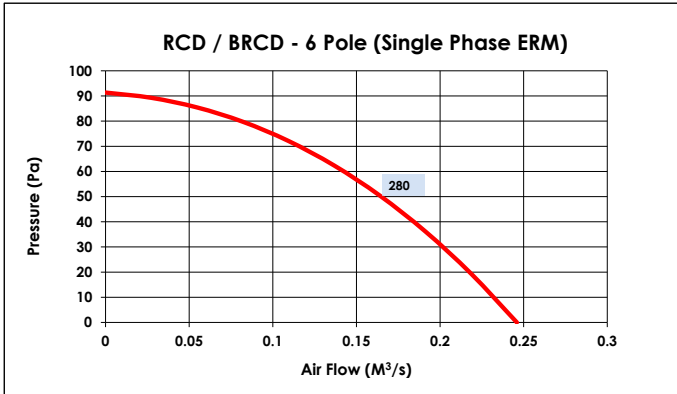
Fan Model	RPM	Voltage	Amps	kW	Sound Power Level dB referred to 10 ⁻¹² W Type C: ducted inlet, free out (LWi)								
					63	125	250	500	1k	2k	4k	8k	dB(A) @ 3m
RCD190-A3-LOW	1510	240	0.18	0.04	66	67	62	59	58	56	51	47	42
RCD190-A3-MED	2130	240	0.19	0.042	55	56	51	48	47	45	40	36	31
RCD190-A3-HIGH	2560	240	0.23	0.052	63	64	59	53	52	50	45	41	37
RCD220-2E	2600	240	0.38	0.085	82	80	74	68	65	65	59	55	51
RCD220-4E	1380	240	0.25	0.05	67	65	59	53	50	50	44	40	36
RCD28 0-4E	1420	240	0.35	0.078	75	70	67	62	55	52	51	48	43
RCD28 0-6 E	960	240	0.35	0.038	67	62	60	54	47	44	43	40	35
RCD315-4E	1430	240	0.5	0.115	71	70	65	66	58	53	49	47	45
RCD315-6 E	960	240	0.5	0.06	67	65	59	59	53	47	43	41	38
RCD355-4E	1420	240	0.35	0.125	71	70	65	66	58	53	49	47	45
RCD355-6 E	1250	240	0.15	0.085	67	65	59	59	53	47	43	41	39
RCD400-4E	1370	240	2.4	0.48	71	76	73	67	63	57	57	53	49
RCD400-6 E	895	240	0.68	0.155	63	68	65	59	55	49	49	45	41
RCD450-4E	1250	240	3	0.68	71	72	74	71	66	61	60	49	51
RCD450-6 E	930	240	1.42	0.3	71	70	63	63	55	54	50	40	43
RCD500-4E	1375	240	5.2	1.43	73	77	77	74	71	67	64	59	55
RCD500-6 E	905	240	2.2	0.5	65	69	69	66	63	59	56	51	47
RCD56 0-6 E	880	240	2.8	0.61	64	69	66	66	63	56	55	52	47
RCD56 0-8 E	720	240	1.6	0.34	59	64	61	61	58	51	50	47	42

Fan Performance - ERM - Single Phase



RCD Series - roof mount centrifugal

Fan Performance - ERM - Single Phase



Fan Data - ERM - Three Phase

Fan Model	RPM	Voltage	Amps	kW	Sound Power Level dB referred to 10 ⁻¹² W Type C: ducted inlet, free out (LWi)								dB(A) @ 3m
					63	125	250	500	1k	2k	4k	8k	
RCD315-4D	1420	415	0.35	0.125	71	70	65	66	58	53	49	47	45
RCD315-6 D	1250	415	0.15	0.085	67	65	59	60	53	47	43	41	38
RCD355-4D	1400	415	0.52	0.17	76	74	71	62	54	52	50	43	45
RCD355-6 D	1140	415	0.35	0.21	68	65	65	59	52	47	45	41	40
RCD400-4D	1415	415	1.41	0.515	71	76	73	67	63	57	57	53	49
RCD400-6 D	1235	415	0.7	0.385	63	68	65	59	55	49	49	45	41
RCD450-4D	1350	415	1.48	0.73	71	72	74	71	66	61	60	49	51
RCD450-6 D	930	415	0.75	0.29	71	70	63	63	55	54	50	40	43
RCD500-4D	1380	415	2.8	1.45	73	77	77	74	71	67	64	59	55
RCD500-6 D	915	415	1.2	0.52	65	69	69	66	63	59	56	51	47
RCD560-4D	1350	415	4.7	2.41	76	81	78	78	75	68	67	64	59
RCD560-6 D	890	415	1.68	0.78	64	69	66	66	63	56	55	52	47
RCD6 30-4D	1170	415	10.74	3.31	88	86	87	83	81	76	73	69	65
RCD6 30-6 D	880	415	2.8	1.31	73	72	73	69	64	62	59	55	50
RCD7 10-6 D	910	415	4.1	2.1	87	84	82	75	73	71	65	61	58
RCD7 10-8 D	715	415	2.6	1.4	81	78	76	66	65	60	59	55	51
RCD7 10-1D	556	415	2.6	0.658	74	71	69	59	58	53	52	48	44

RCD Series - roof mount centrifugal

Fan Performance - ERM - Three Phase

