

Performance Data

RBV Series Motor and Fan Data

RBV PSC MOTOR AND FAN DATA

Unit Size	Fan Speed	Motor H.P. (QTY)	# Of Fan	115 Volts		208-230 Volts		277 Volts	
				FLA	WATTS	FLA	WATTS	FLA	WATTS
02	High	(1) 1/50	1	0.40	45	0.27	53	0.21	57
	Medium				35		41		44
	Low				28		36		40
03	High	(1) 1/20	1	0.60	60	0.40	67	0.31	73
	Medium				48		54		60
	Low				43		49		54
04	High	(1) 1/20	2	0.75	70	0.39	71	0.35	76
	Medium				61		60		65
	Low				58		52		58
06	High	(1) 1/20	2	0.75	80	0.39	81	0.35	87
	Medium				74		71		77
	Low				61		59		64
08	High	(1) 1/10	2	1.10	114	0.51	109	0.46	114
	Medium				81		77		80
	Low				71		66		70
10	High	(2) 1/20	4	1.50	132	0.78	140	0.70	144
	Medium				114		116		120
	Low				107		101		106
12	High	(2) 1/20	4	1.50	142	0.78	147	0.70	154
	Medium				126		125		131
	Low				114		107		114

Notes:

1. RBVC 3-row coil, no EH, no toe kick, standard throw away panel filter. Fan watts shown at operating conditions
2. Data was taken without ductwork
3. Unit size 04, 06, 08, 10 and 12 data generated at 115v, 230v and 277v
4. Unit size 02 & 03 data generated with 115v, 240v to 120v transformer (230v line voltage) and 277v to 120v transformer (277v line voltage)
5. FLA based on motor nameplate



RBV SERIES ECM MOTOR AND FAN DATA

VERTICAL CONCEALED (RBVR)

Unit Size	Fan Speed	Motor H.P. (QTY)	# Of Fan	WATTS	115 Volts		208-230 Volts		277 Volts	
					FLA	3-Phase Neutral	FLA	3-Phase Neutral	FLA	3-Phase Neutral
02	High	(1) 1/25	1	34	0.7	1.0	0.5	0.8	0.5	0.8
03	High	(1) 1/25	1	48	1.0	1.5	0.8	1.2	0.7	1.0
04	High	(1) 1/25	2	55	1.2	1.7	0.9	1.3	0.9	1.3
06	High	(1) 1/25	2	63	1.4	2.0	1.1	1.6	1.1	1.6
08	High	(1) 1/25	2	83	1.7	2.5	1.3	1.9	1.2	1.7
10	High	(2) 1/25	4	106	2.2	3.2	1.6	2.4	1.6	2.4
12	High	(2) 1/25	4	120	3.0	4.4	2.4	3.4	2.2	3.2

VERTICAL EXPOSED (RBVC) / SLOPED TOP (RBVS)

Unit Size	Fan Speed	Motor H.P. (QTY)	# Of Fan	WATTS	115 Volts		208-230 Volts		277 Volts	
					FLA	3-Phase Neutral	FLA	3-Phase Neutral	FLA	3-Phase Neutral
02	High	(1) 1/25	1	38	0.7	1.0	0.5	0.8	0.5	0.8
03	High	(1) 1/25	1	48	1.0	1.5	0.7	1.0	0.7	1.0
04	High	(1) 1/25	2	53	1.1	1.6	0.9	1.3	0.9	1.3
06	High	(1) 1/25	2	66	1.4	2.0	1.1	1.6	1.0	1.5
08	High	(1) 1/25	2	93	1.8	2.6	1.3	1.9	1.3	1.9
10	High	(2) 1/25	4	115	2.8	4.0	2.2	3.2	2.2	3.2
12	High	(2) 1/25	4	120	3.0	4.4	2.2	3.2	2.2	3.2

Notes:

1. Exposed, 3-row coil, no EH, no toe kick, standard throw away panel filter
2. Watts as shown are for .05" ESP, 3 row coil, 115/1/60, 12 FPI, and throwaway filters
3. Motor HP as noted is a nominal rating
4. Data as supplied is for reference only. For project specific operational points see selection tool report out.