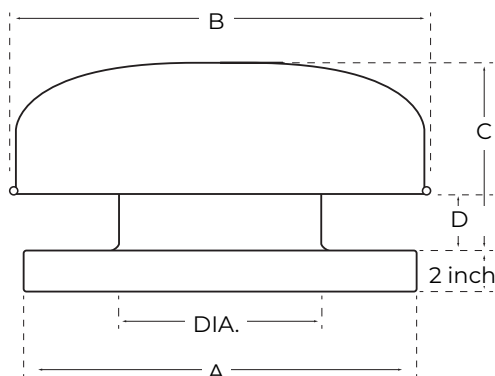


# Model RSV

## PERFORMANCE DATA



MODEL	DIMENSIONS (in)					NET WEIGHT (lbs)	INTAKE AREA (ft <sup>2</sup> )	MAX. INTAKE (cfm)
	A	B	C	D	DIA.			
RSV-8	18.50	19.25	8.00	3.00	8.50	14	1.60	960
RSV-10	18.50	21.50	8.75	3.50	1.05	15	1.89	1,134
RSV-12	20.50	26.00	10.38	3.75	12.50	19	2.80	1,680
RSV-14	24.75	27.50	11.25	4.25	14.50	21	2.93	1,758
RSV-16	24.75	29.50	11.25	4.25	16.50	23	3.22	1,932
RSV-18	28.38	33.50	11.50	4.50	18.50	26	4.20	2,520
RSV-20	28.38	36.50	11.75	4.75	20.50	27	4.92	2,952
RSV-24	33.50	39.50	12.50	5.50	24.50	30	5.17	3,102
RSV-30	36.50	48.00	15.25	6.25	30.50	44	7.54	4,524
RSV-36	44.50	56.00	15.25	6.25	36.50	48	10.34	6,204

MODEL	THROAT AREA (ft <sup>2</sup> )	AIR FLOW - RELIEF (cfm) / STATIC PRESSURE (in. w.g.)								
		0.05	0.075	.010	0.125	0.15	0.20	0.25	0.30	0.375
RSV-8	0.42	220	269	311	347	380	439	491	538	601
RSV-10	0.63	330	404	466	521	570	659	736	807	902
RSV-12	0.89	465	570	658	736	806	930	1,040	1,139	1,274
RSV-14	1.19	662	762	880	983	1,077	1,244	1,390	1,525	1,703
RSV-16	1.53	800	979	1,131	1,264	1,385	1,599	1,788	1,958	2,189
RSV-18	1.92	1,003	1,229	1,419	1,586	1,738	2,006	2,243	2,457	2,747
RSV-20	2.35	1,228	1,504	1,736	1,941	2,127	2,456	2,745	3,007	3,362
RSV-24	3.34	1,745	2,137	2,470	2,759	3,022	3,490	3,902	4,275	4,778
RSV-30	5.16	2,698	3,302	3,812	4,262	4,669	5,400	6,027	6,613	7,382
RSV-36	7.07	3,695	4,525	5,223	5,840	6,397	7,386	8,259	9,046	10,115

This table is based on 600 FPM maximum intake velocity.

To prevent entry of air entrained moisture, maximum intake velocity should not exceed these values.

The performance data shows the total pressure drop through the vent.

MODEL	THROAT AREA (ft <sup>2</sup> )	AIR FLOW - EXHAUST (cfm) / STATIC PRESSURE (in. w.g.)								
		0.05	0.075	0.10	0.125	0.15	0.20	0.25	0.30	0.375
RSV-8	0.42	258	316	364	407	446	515	576	631	705
RSV-10	0.63	386	473	546	611	669	772	864	947	1,058
RSV-12	0.89	546	668	772	863	945	1,092	1,220	1,336	1,494
RSV-14	1.19	730	893	1,035	1,153	1,263	1,460	1,631	1,787	1,997
RSV-16	1.53	938	1,149	1,330	1,483	1,625	1,754	2,097	229	2,568
RSV-18	1.92	1,177	1,441	1,670	1,860	2,038	2,355	2,631	2,883	3,222
RSV-20	2.35	1,440	1,764	2,037	2,277	2,494	2,880	3,220	3,527	3,944
RSV-24	3.34	2,047	2,507	2,895	3,236	3,545	4,093	4,576	5,013	5,605
RSV-30	5.16	3,162	3,873	4,471	4,999	5,476	6,330	7,070	7,745	8,658
RSV-36	7.07	4,332	5,306	6,128	6,850	7,505	8,665	9,686	10,611	11,863

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