

RR Vent Natural Turbine Ventilator



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RR Vent Turbine Ventilator

RR Vent Product Details

PRODUCT DESCRIPTION

The RR Vent uses light gauge, marine grade aluminum to remove hot air from your facility. The unit's light weight adds no wind load to the building's roof, eliminating the need for costly support steel.

STANDARD FEATURES

- Throat Diameter: 6" – 48"
- Cap: Double cap
- Rotor: Locked-on rotor mechanism
- Vane: Corrugated die-pressed
- Radial Bearings: Oil impregnated sintered
- Housing: Sealed bearing housing
- Material: Hot dipped galvanized steel per federal spec. number QQ1716-2, Class DI

OPTIONAL FEATURES

- Base Options
 - Square
 - Round
- Disc Dampers

PRODUCT BENEFITS

- No Operating Costs and minimal installation costs (No Wiring or Starter) Costs
- Operates Silently
- Finish Coat enamel for greater protection
- Heavy-duty ball bearings on sizes 16" to 48", self-lubricating nylon on smaller sizes.
- Die-pressed vanes provide greater strength, stability, and uniformity.
- Double cap assures permanent alignment & stability under the most severe weather conditions.
- A locked-on rotor mechanism prevents loss of damage in high winds, easy to remove.
- Oil impregnated sintered radial bearings assure quiet operation and longer life.
- Bearing housing seal prevents dust, grit, and foreign matter, and better retains lubricant.

INDUSTRY APPLICATIONS

- | | | |
|----------------------------|-----------------------|--------------------------|
| • Chemicals | • Gypsum Facilities | • Steel & Metal Industry |
| • Distribution & Warehouse | • Plastics | • Storage |
| • General Manufacturing | • Power Generation | • Universities & Schools |
| • Glass Plants | • Pulp & Paper Plants | • +Other |

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RR Vent Specifications

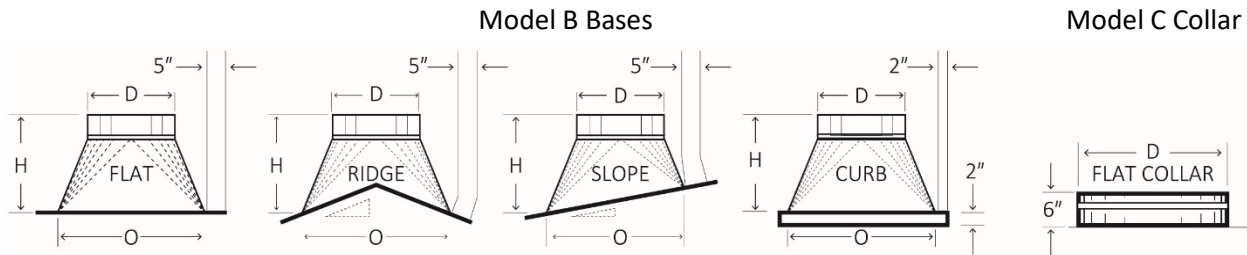
CFM RATINGS															
STACK HEIGHT	WIND SPEED	TEMP. DIFF	THROAT DIAMETERS												
			6	8	10	12	14	16	18	20	24	30	36	42	48
10	4	10	81	144	224	323	440	575	727	896	1290	2018	2905	3945	5178
		20	83	149	234	334	455	595	752	926	1334	2086	3004	4080	5355
		30	88	157	244	352	479	627	793	977	1406	2200	3167	4300	5644
	5	10	96	172	268	385	525	687	870	1070	1541	2410	3471	4713	6186
		20	98	174	271	390	533	697	881	1085	1564	2445	3520	4781	6275
		30	104	186	289	410	567	742	938	1155	1664	2602	3747	5088	6678
	8	10	144	257	400	576	786	1028	1299	1600	2305	3603	5189	7046	9248
		20	146	261	407	586	798	1044	1320	1626	2342	3663	5274	7162	9400
		30	148	264	410	591	806	1054	1333	1642	2364	3677	5324	7229	9488
	10	10	178	317	494	711	970	1268	1604	1975	2845	4448	6405	8690	11416
		20	182	325	506	729	994	1301	1644	2025	2817	4561	6568	8918	11705
		30	186	332	517	746	1016	1326	1678	2071	2983	4655	6715	9139	11875
20	4	10	83	149	232	334	455	595	752	926	1334	2086	3004	4080	5355
		20	97	173	269	388	529	692	874	1077	1551	2426	3493	4742	6224
		30	99	177	276	398	543	710	897	1105	1592	2489	3584	4867	6388
	5	10	98	174	271	390	533	697	881	1085	1564	2445	3520	4781	6275
		20	101	180	281	404	551	721	912	1123	1617	2529	3641	4944	6489
		30	105	188	293	422	576	753	952	1172	1689	2641	3804	5165	6779
	8	10	146	261	407	586	798	1044	1320	1626	2342	3663	5274	7162	9400
		20	151	270	420	604	824	1078	1363	1678	2418	3781	5444	7392	9702
		30	164	293	456	656	895	1170	1480	1822	2625	4105	5911	8026	10534
	10	10	182	325	506	729	994	1301	1644	2025	2917	4561	6568	8918	11705
		20	187	334	520	749	1021	1336	1689	2080	2996	4684	6745	9158	12020
		30	194	347	540	777	1059	1386	1752	2158	3109	4861	7000	9504	12474
30	4	10	88	157	244	352	479	627	793	977	1406	2200	3167	4300	5644
		20	99	177	276	318	543	710	897	1105	1592	2489	3584	4867	6388
		30	111	198	308	444	606	792	1002	1234	1777	2779	4002	5434	7132
	5	10	104	186	289	416	567	742	938	1155	1664	2602	3747	5088	6678
		20	105	188	293	422	576	753	952	1172	1689	2640	3804	5165	6779
		30	122	218	339	488	666	871	1101	1356	1953	3054	4398	5971	7837
	8	10	148	264	410	591	806	1054	1333	1642	2364	3697	5324	7229	9488
		20	164	293	456	656	895	1170	1480	1822	2625	4105	5911	8026	10534
		30	170	303	472	680	927	1212	1533	1888	2719	4252	6123	8314	10912
	10	10	186	332	517	746	1016	1326	1678	2072	2983	4655	6715	9139	11875
		20	194	347	540	77	1059	1386	1752	2172	3109	4861	7000	9504	12474
		30	197	351	547	787	1074	1404	1775	2189	3149	4925	7091	9629	12638

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RR Vent Accessories

Bases and Collars

Square-to-round bases are available in slope, ridge, curb, or flat types. Flat Collar Bases are available at slightly lower costs, but it is more economical to use the square-to-round base if adaptations other than flat are required. *Base type and roof pitch must be specified when ordering (i.e., B-12 ridge 4" in 12" pitch).*

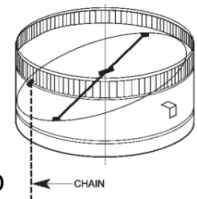


Dimensions & Gauges

Model	D	O (square)	H	Galv. Gauge	Alum. Gauge
B6	6"	10"	6"	26	0.032
B8	8"	12"	6"	26	0.032
B10	10"	14"	7"	26	0.032
B12	12"	16"	7"	26	0.032
B14	14"	18"	8"	26	0.032
B16	16"	20"	8"	26	0.032
B18	18"	22"	9"	24	0.032
B20	20"	24"	9"	24	0.032
B24	24"	30"	11"	24	0.04
B30	30"	36"	13"	22	0.04
B36	36"	42"	15"	22	0.04
B42	42"	48"	15"	20	0.05
B48	48"	54"	15"	20	0.05
B54	54"	60"	18"	18	0.063
B60	60"	66"	19"	18	0.063
B72	72"	78"	21"	18	0.063

Disc Dampers

Disc dampers are also available. Each standard unit is counterweighted and supplied with six feet of chain. An optional fusible link can be installed in the chain allowing the damper to open in case of fire. An extra chain is also available.



Model DD

All Specifications are subject to change without notice unless approved in submittal by Moffitt.