

MODEL RCXII/RCXII-SF

GRAVITY RELIEF/INTAKE

VENTILATOR

RCXII-SF = SELF FLASHING



APPLICATION

Relief and intake ventilators are used to exhaust (relief) or supply (intake) air from or to an enclosed area without the need for a power operated fan. They rely on a difference in static pressure inside and outside the area to create an air flow through the ventilator from the area of higher pressure to the area of lower pressure. If the enclosed area is under a negative pressure, air will flow into the enclosed area (intake). If the enclosed area has a positive pressure, air will flow from it to the outside (relief).

These units can also operate as gravity ventilators, allowing air to flow from an enclosed area using the "Stack Effect". The amount of air flow will depend on the temperature difference inside and outside the area and the height difference between the ventilator and the outside air intake to the area.

CONSTRUCTION - RCXII

- Low contour spun aluminum hood for attractive appearance.
- All heavy-gauge aluminum construction.
- Weather resistant design for long life and maintenance free operation.
- Galvanized bird screen is standard.
- One piece curb with spun inlet for maximum efficiency.
- Shipped completely assembled for ease in installation.

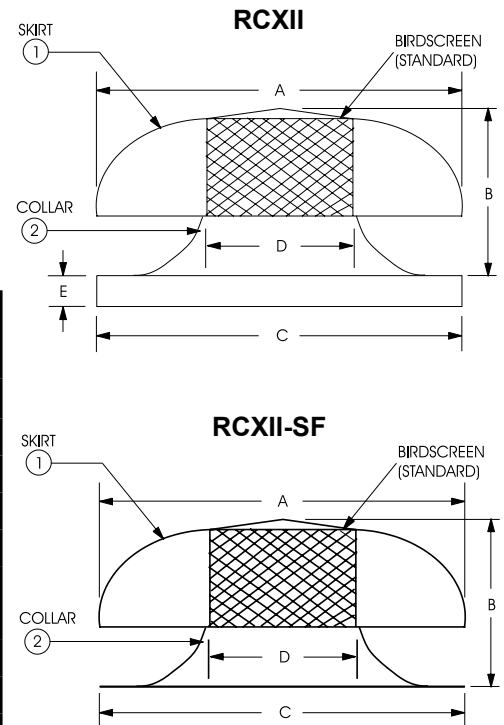
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- Galvanized bird screen is standard.
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GRAVITY VENTILATORS

DIMENSIONAL DATA

MODEL	NECK AREA SQ. FT.	A	B	C (RCXII)	C (RCXII-SF)	D	E	Average Ship Wt. Lbs.
8	0.39	22	8	16 1/2	29	8 1/2	2	10
10	0.59	22	8	16 1/2	29	10 1/2	2	15
12	0.85	22	8 3/8	24	36	12 1/2	2	24
15	1.23	22	8 3/8	24	36	15	2	24
18	1.89	32 3/4	12 1/2	29 1/2	41-5/8	18 5/8	2	35
20	2.18	32 3/4	12 1/2	29 1/2	41-5/8	20	2	35
24	3.30	43 3/4	12 1/2	35 1/2	45-3/8	24 5/8	2	57
26	3.69	43 3/4	17 3/8	35 1/2	45-3/8	26	2	57
30	5.16	43 3/4	17 3/8	42 1/2	55	30 3/4	2	75
33	5.94	54 3/4	17 3/8	42 1/2	55	33	2	75
36	7.06	54 3/4	17 3/8	42 1/2	55	36	2	90



ACCESSORIES

MODEL RCXII	12" HIGH ROOF CURB		115V MOTORIZED DAMPER		AUTOMATIC GRAVITY DAMPER	
	OD	STOCK NO.	OD	STOCK NO.	OD	STOCK NO.
8-10	14 3/4	611214 ●	8	2401.M0808 ●	8	2401.0808 ●
12-15	22 1/4	611222 ●	15	2401.M1515 ●	15	2401.1515 ●
18-20	27 1/4	611227 ●	21	2401.M2121 ●	21	2401.2121 ●
24-26	33 3/4	611233 ◆	27	2401.M2727 ◆	27	2401.2727 ◆
30-33-36	40 3/4	611240 ◆	34	2401.M3434 ◆	34	2401.3434 ◆

Ship Schedules:
● Next Day Shipment From Stock
◆ 10 Day Shipment

Dampers and motor kits ship separate - for field assembly.

CAUTION: Motors are not suitable for explosive or flammable environments

ALL DIMENSIONS IN INCHES, WEIGHTS IN POUNDS. OD IS OUTSIDE DIMENSION OF SQUARE CURB AND DAMPER. DUE TO CONTINUING RESEARCH, JENCOFAN RESERVES THE RIGHT TO CHANGE SPECIFICATIONS WITHOUT NOTICE.

MODEL RCXII Gravity Relief Ventilator

MODEL	THROAT AREA FT. ²	CFM Static Pressure								STOCK NO. RCXII	STOCK NO. RCXII-SF
		.03	.06	.09	.125	.150	.20	.25	.30		
8	0.39	181	256	314	370	405	468	523	573	RCXII08S ●	RCXII08SFS ●
10	0.59	274	387	475	559	613	708	791	867	RCXII10S ●	RCXII10SFS ●
12	0.85	395	558	684	806	883	1020	1140	1250	RCXII12S ●	RCXII12SFS ●
15	1.23	572	808	990	1166	1278	1538	1649	1808	RCXII15S ●	RCXII15SFS ●
18	1.89	879	1242	1521	1792	1963	2268	2534	2778	RCXII18S ●	RCXII18SFS ●
20	2.18	1014	1432	1755	2067	2265	2616	2923	3205	RCXII20S ●	RCXII20SFS ●
24	3.30	1535	2168	2656	3128	3429	3960	4425	4851	RCXII24S ♦	RCXII24SFS ♦
26	3.69	1716	2424	2970	3498	3834	4428	4948	5424	RCXII26S ♦	RCXII26SFS ♦
30	5.16	2399	3390	4154	4892	5361	6192	6920	7585	RCXII30S ♦	RCXII30SFS ♦
33	5.94	2762	3903	4782	5631	6172	7128	7966	8732	RCXII33S ♦	RCXII33SFS ♦
36	7.06	3283	4638	5683	6693	7335	8472	9467	10378	RCXII36S ♦	RCXII36SFS ♦

MODEL RCXII Gravity Intake Ventilator

MODEL	THROAT AREA FT. ²	CFM Static Pressure								STOCK NO. RCXII	STOCK NO. RCXII-SF
		.03	.06	.09	.125	.150	.20	.25	.30		
8	0.39	163	229	282	332	364	420	469	514	RCXII08S ●	RCXII08SFS ●
10	0.59	246	347	426	502	549	634	710	777	RCXII10S ●	RCXII10SFS ●
12	0.85	354	501	614	723	792	915	1023	1119	RCXII12S ●	RCXII12SFS ●
15	1.23	513	724	888	1047	1146	1323	1479	1620	RCXII15S ●	RCXII15SFS ●
18	1.89	788	1113	1365	1608	1761	2033	2274	2489	RCXII18S ●	RCXII18SFS ●
20	2.18	909	1284	1574	1855	2032	2346	2623	2871	RCXII20S ●	RCXII20SFS ●
24	3.30	1376	1944	2383	2808	3076	3551	3969	4346	RCXII24S ♦	RCXII24SFS ♦
26	3.69	1539	2173	2664	3140	3439	3970	4439	4860	RCXII26S ♦	RCXII26SFS ♦
30	5.16	2152	3039	3726	4391	4809	5552	6207	6796	RCXII30S ♦	RCXII30SFS ♦
33	5.94	2476	3499	4289	5055	5536	6391	7146	7823	RCXII33S ♦	RCXII33SFS ♦
36	7.06	2944	4158	5097	6008	6580	7597	8493	9298	RCXII36S ♦	RCXII36SFS ♦

Shaded selections are over recommended 650 FPM. Pick next larger size or use optional weather screen.

Insect Screens - Add .10 to area shown in table.

Damper - Add .10 to area shown in table.

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● Next Day Shipment From Stock
♦ 10 Day Shipment