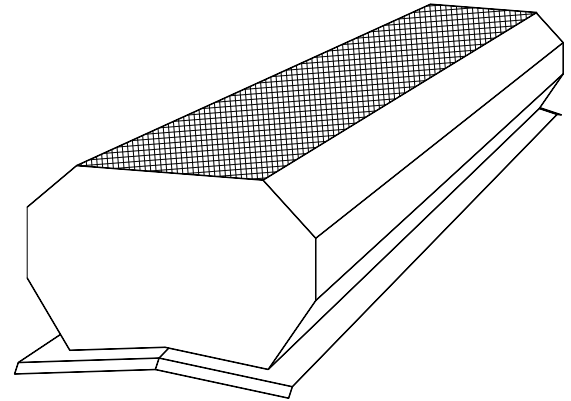


### CONSTRUCTION

- Wind bands, skirts, and end caps are 22 or 26 GA steel, depending on vent size
- Internal components construction of 22, 18, or 14 GA steel
- Aluminum pop rivet fasteners
- Heavy duty banded wood crate

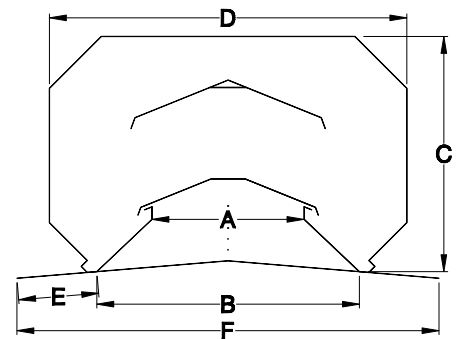
### DESIGN

- 9", 12", 18", 24" or 36" throat size in 10' lengths
- Extra wide skirts for proper ridge flashing
- Continuous drainage slots along base of wind band
- Variable pitch accommodates up to a 6:12 ridge condition
- SMP off-white pre-finished external sheeting
- 1/2" mesh galvanized bird screen
- Hand-operated damper with 15' chain and chain stay
- Optional custom finish to match most metal building colors



### OPTIONS (ADDITIONAL COSTS MAY APPLY)

- Finish options (select):  Mill finish    Baked polyester   Kynar
- Alternate construction (select):  Aluminum    Stainless steel
- 18 x 16 mesh insect screen:  Galvanized    Aluminum    Stainless steel
- Pneumatic or electric actuator for automatic damper operation (up to five units)
- Wall mount operator kit—hand winch, turnbuckle, pulleys, wire rope, fasteners
- Additional chain for high roof elevation
- No damper assembly (always open)
- High wind tolerance—braces and higher gauge construction
- Curb mount kit
- Knocked-down vents—consolidates deck/container space



### CFM CAPACITIES

CFM CAPACITIES BASED ON 5 MPH WIND AND FRESH AIR INTAKE AREA OF 1-1/2 TIMES VENTILATOR OPEN AREA

MODEL	RV9	RV9	RV9	RV12	RV12	RV12	RV18	RV18	RV18	RV24	RV24	RV24	RV36	RV36	RV36
HEIGHT	10'	20'	30'	10'	20'	30'	10'	20'	30'	10'	20'	30'	10'	20'	30'
TEMP DIFF 10	1568	1814	2003	2091	2419	2671	3136	3628	4006	4182	4383	5342	6272	7256	8012
TEMP DIFF 20	1814	2162	2429	2419	2883	3229	3628	4324	4858	4838	5766	6438	7256	8648	9716
TEMP DIFF 30	2003	2429	2757	2671	3239	3675	4006	4858	5514	5342	6478	7350	8012	9716	11028

height = vertical distance from vent opening to vertical centerline intake opening  
 temperature differential = stack height x 0.6 degrees/foot

### SCHEDULE

MODEL	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	FINISH COLOR	QTY
RV-9	9"	15 1/2"	14"	21 1/4"	6 1/4"	28"		
RV-12	12"	20 3/4"	18 1/8"	28 1/4"	5 7/8"	32 1/2"		
RV-18	18"	31 1/2"	28 1/2"	41"	8 1/4"	48"		
RV-24	24"	44 1/4"	37 1/2"	54 1/4"	9 7/8"	64"		
RV-36	36"	61 1/4"	51 1/2"	76 1/3"	12 3/4"	86 3/4"		

Customer \_\_\_\_\_

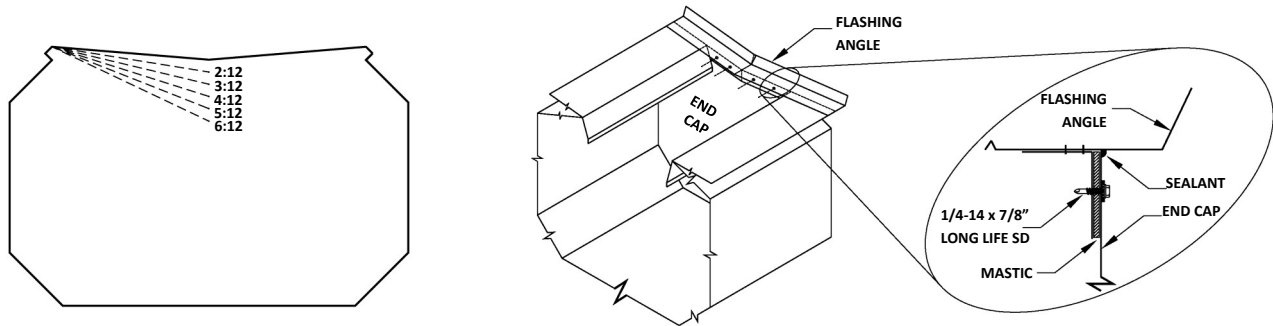
Date \_\_\_\_\_

Job Name \_\_\_\_\_

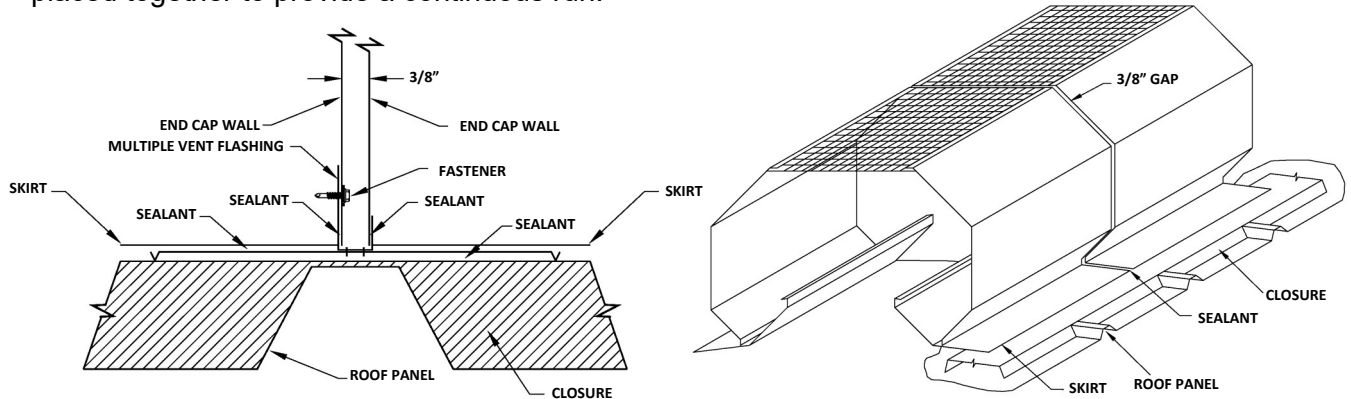
Architect \_\_\_\_\_



- 1) Uncrate vent and place upside down. Cut end cap to match building pitch if greater than 1:12.



- 2) Apply sealants to end cap flashing. Secure end cap flashings (or multiple vent flashing where needed) with fasteners. Vents may be placed together to provide a continuous run.



- 3) Locate vent a minimum of 1' from end wall and place closures on either side of ridge line. Seal closures on roof panel opening side.

- 4) Drill pilot holes through vent skirt (both sides) a minimum of 12" on center.
- 5) Seal closures with 1" wide mastic and gun grade per building supplier's recommendations.
- 6) Locate vent over closures and opening, drill pilot holes through skirt, closures, and roof panels. Secure fasteners along sides.
- 7) Vents are shipped with all individual damper drive components installed. Remove operator chain from container, and connect to lifter arm guide. The damper is held in an open position when the chain pulled down and secured in a chain keeper.
- 8) Dampers may be connected together with a special drive kit (ordered separately). The end unit operator may be used to drive up to 5 dampers (varies by size). Turnbuckles are used to connect damper pull angles together. Set and adjust the turnbuckles with the dampers in the closed position.

