

HURRICANE RESIDENTIAL SAFE ROOM PASSIVE VENTILATION

TORNADO SAFE ROOM OCCUPANCY	PASSIVE VENTILATION AREA REQUIRED (INCHES SQUARED)	MINIMUM NUMBER OF PIPE VENTS PER DETAIL 1
1	4*	2
2	4**	2
3	6**	2
4	8**	3
5	10**	4
6	12**	4
7	14**	5
8	16**	6
9	18**	6
10	20**	7
11	22**	8
12	24**	8
13	26**	9
14	28**	9
15	30**	10
16	32**	11

*PER ICC 500 SECTION 702.1 EXCEPTION, AIR INTAKE OPENING(S) MUST BE INSTALLED A MINIMUM OF 72" ABOVE SAFE ROOM FLOOR. WHEN INSTALLED ONLY IN UPPER PORTION, EXCEPTION REQUIRES 4 SQUARE INCHES PER OCCUPANT

**PASSIVE VENTILATION AREA PER ICC 500 SECTION 702.1 AND ASSUMES AIR INTAKE OPENINGS ARE DISTRIBUTED BETWEEN THE UPPER AND LOWER PORTIONS OF SAFE ROOM AS SPECIFIED THEREIN; AREA AND RESULTING NUMBER OF VENTS REQUIRED MUST BE DOUBLED WHEN AIR INTAKE OPENINGS ARE INSTALLED EXCLUSIVELY IN THE UPPER PORTION AS PROVIDED PER EXCEPTION IN SECTION 702.1.

CONSULT W/ LOCAL BUILDING OFFICIAL AND REFER TO ICC 500 SECTION 306.3 AND 306.4 FOR OPENING PROTECTIVE REQUIREMENTS