

MECHANICAL

HEATING EQUIPMENT ALL WARM-AIR FURNACES SHALL BE LISTED AND LABELED BY AN APPROVED AGENCY AND INSTALLED TO LISTED SPECIFICATIONS. NO WARM-AIR FURNACES SHALL BE INSTALLED IN A ROOM USED OR DESIGNED TO BE USED AS A BEDROOM, BATHROOM, CLOSET OR IN ANY ENCLOSED SPACE WITH ACCESS ONLY THROUGH SUCH ROOM OR SPACE, EXCEPT DIRECT VENT FURNACE. ENCLOSED FURNACES AND ELECTRIC HEATING FURNACES.

LIQUIFIED PETROLEUM GAS-BURNING APPLIANCES SHALL NOT BE INSTALLED IN A PIT, BASEMENT OR SIMILAR LOCATION WHERE HEAVIER THAN AIR GAS MIGHT COLLECT. APPLIANCES SO FUELED SHALL NOT BE INSTALLED IN AN ABOVE GRADE UNDER FLOOR SPACE OR BASEMENT UNLESS SUCH LOCATION IS PROVIDED WITH AN APPROVED MEANS FOR REMOVAL OF UNBURNED GAS.

HEATING AND COOLING EQUIPMENT LOCATED IN A GARAGE WHICH GENERATES A GLOW, SPARK OR FLAME CAPABLE OF IGNITING FLAMMABLE VAPORS SHALL BE INSTALLED WITH THE PILOTS AND BURNERS FOR HEATING ELEMENTS AND SWITCHES AT LEAST 18" ABOYE THE FLOOR LEVEL.

TEMPERATUERE CONTROL THE PRIMARY SPACE CONDITIONING SYSTEM WITHIN EACH DWELLING UNIT SHALL BE PROVIDED WITH AT LEAST ONE PROGRAMMABLE THERMOSTAT FOR THE REGULATION OF TEMPERATURE WSEC SEC.403.1.1

<u>VENTILATION</u> EVERY FACTORY BUILT CHIMNEY, TYPE L VENT, TYPE B GAS VENT OR TYPE BW GAS VENT SHALL BE INSTALLED IN ACCORDANCE WITH THE TERMS OF ITS LISTING. MFR'S INSTALLATION INSTRUCTIONS AND APPLICABLE CODE REQUIREMENTS. A TYPE L VENTING SYSTEM SHALL TERMINATE NOT LESS THAN 2 FEET ABOVE THE HIGHEST POINT WHERE THE VENT PASSES THROUGH THE ROOF OF THE BUILDING AND AT LEAST 2' HIGHER THAN ANY PORTION OF THE BUILDING WITHIN 10' OF THE VENT.

UTILITY ROOM NOTES/MAKE UP AIR:

KITCHENS

BATHROOM / LAUNDRY / SIMILAR

1. WHERE THE EXHAUST DUCT IS CONCEALED WITHIN THE BUILDING CONSTRUCTION. THE EQUIVALENT LENGTH OF THE EXHAUST DUCT SHALL BE IDENTIFIED ON A PERMANENT LABEL OR TAG. THE LABEL OR TAG SHALL BE LOCATED WITHIN 6 FEET OF THE EXHAUST DUCT CONNECTION.

2. INSTALLATIONS EXHAUSTING MORE THAN 200 CFM CHALL BE PROVIDED WITH MAKE UP AIR WHERE A CLOSET IS DESIGNED FOR THE INSTALLATION OF A CLOTHES DRYER, AN OPENING HAVING AN AREA OF NOT LESS THAN 100 SQ. INCHES FOR MAKE UP AIR SHALL BE PROVIDED IN THE CLOSET ENCLOSURE, OR MAKE UP AIR SHALL BE PROVEDED BY OTHER APPR. MEANS.

• 100 SQ INCH TRANSFER GRILL PER IRC G2439.4 (614.6)

CONTINUOUS WHOLE-HOUSE

FLOOR AREA (6Q. FT.)	NUMBER OF BEDROOMS							
	1	2		3			> 5	
	AIRFLOW IN CFM							
< 500	3Ø	3Ø		35	45		5Ø	
500 - 1000	3Ø	35		40		50		
1001 - 1500	3Ø	40		45		55		
1501 - 2000	35	45	į	50		60		
2001 - 2500	40	50		55		65		
2501 - 3000	45	55	4	50	7Ø		75	
3 <i>0</i> 01 - 35 <i>00</i>	50	60	-	65			80	
3501 - 4000	55	65		7Ø			85	
4001 - 4500	60	7Ø		75			90	
4501 - 5000	65	75	i	30	90		95	
INTERMITTENT WHOLE-HOUSE	MECHANICAL VEN	NTILATION RATI	E FACTORS	,		•		
RUN-TIME % IN EACH 4-HOUR SEGMENT		25%	33%	50%	66%	75%	100%	
FACTOR		4	3	2	1,5	1.3	1.0	
MINIMUM REQUIRED EXHAUS	T RATES	•	•	•	•	•		
AREA TO BE VENTED			E	EXHAUST RATES				

50 CFM INTERMITTENT OR 20 CFM CONTINUOUSLY

FULL SIZED LEDGIBLE COLOR PLANS ARE REQUIRED TO BE PROVIDED BY THE PERMITTEE ON SITE FOR ALL INSPECTIONS (MIN. PLAN SIZE 24" X 36")

Approval of submitted plans is not an approval of omissions or oversights by this office or noncompliance with any applicable regulations of local government. The contractor is responsible for making sure that the building complies with all applicable codes and regulations of the local government.





ate: 09/20/23 SM/BP 04/1 on D an: 1 HOME

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