

**City of Prospect Heights**

**AMENDMENTS  
to the  
ICC INTERNATIONAL, MECHANICAL CODE  
2003 edition**

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## City of Prospect Heights

### AMENDMENTS

To the

## ICC INTERNATIONAL, MECHANICAL CODE 2003 edition

1. **The City of Prospect Heights Amendments.**  
The City of Prospect Heights amendments to the IBC, the IRC, other amendments, the Zoning Ordinance and Municipal Ordinance shall supercede all sections of all of the adopted model codes.
2. **Conflicts**  
Whenever two codes are in conflict, the more stringent requirement shall govern.
3. **General Amendments**
  - a) **Attic furnaces** and crawlspace furnaces are not permitted unless clearance and access, per code is provided.
  - b) **Concrete Pad** – All gas fired furnaces shall be placed on a minimum of 2” of concrete or on a solid pre-cast concrete pad. (The pre-cast pad may be under the furnace only, and extend a few inches beyond the perimeter of the unit’s footprint.) Furnaces may be placed directly on basement floor slabs.
  - c) **Air conditioning equipment**, including pads, condensing units, heat pumps, etc. are not permitted in the required side yard setbacks. (per Zoning Ordinance)
  - d) All **dryer vents** shall be metal or metal flex. Non-metallic vents for dryers are not permitted. See Section 504.6 and Amendment to 504.6
  - e) All **ductwork** shall be a closed system and in compliance with the International Mechanical Code Section 603. Use of a stud space or joist space for a supply or plenum return is not permitted. Gypsum ducts are not permitted. Delete Sections 603.5 and 603.5.1.
  - f) Provide a 1-1/2” pre-cast concrete pad under all furnaces, which are set on a wood floor. (or use 2 layers of 1/2” DURA ROCK or a 2” Thickness of poured concrete).
  - g) All bathroom, shower and powder room exhaust fans shall have insulated ductwork.

**4. Energy Efficiency**

Any and all references in this code (IMC), relating requirements of the International Energy Conservation Code to single family dwellings and townhomes are hereby deleted. See IRC Amendments #62, Chapter 11, Energy Efficiency, for the City of Prospect Heights minimum requirements.

**SPECIFIC AMENDMENTS to the Sections of the IMC, 2003 edition**

**5. Fuel Fired Appliances**

See Section 303 for approved and prohibited locations.

**a) Section 303.3 Prohibited locations**

Fuel-fired appliances shall not be located in, or obtain combustion air from, any of the following rooms or spaces.

1. Sleeping rooms
2. Bathrooms
3. Toilet rooms
4. Storage closets
5. Surgical rooms

**b) Exception:** This section shall not apply to the following appliances:

1. Direct-vent appliances that obtain all combustion air directly from the outdoors.
2. Solid fuel-fired appliances, provided that the room is not a confined space and the building is not of unusually tight construction.
3. Appliances installed in a dedicated enclosure in which all combustion air is taken directly from the outdoors, in accordance with Section 703. Access to such enclosure shall be through a solid door, weather stripped in accordance with the exterior door air leakage requirements of the *International Energy Conservation Code* and equipped with an approved self-closing device. (hydraulic closer required)

**6. Section 304.6 Private Garages - furnaces**

Appliances located in private garages and carports shall be installed with a minimum clearance of 6 feet above the floor.

**7. Section 306.3 Appliances in Attics**

Attic furnaces are not permitted unless specifically approved by the Building Official.

**8. Section 306.4 Appliances under floors**

Furnaces in the crawlspace or other appliances under floors are not permitted unless specifically approved by the Building Official.

9. **Section [B] 401.4.1 Exit Enclosure Ventilation when required**  
Exit Enclosure Ventilation shall be required in buildings which are 7 stories or greater in height, or in any building where a floor surface is located more than 75 feet above the lowest level of fire department vehicle access or more than 30 feet below the level of exit discharge. (Same as the requirement for a smoke proof enclosure or pressurized stairway)
10. **Section 504.6 Domestic clothes dryer ducts**  
Clothes dryer exhaust ducts shall be constructed of galvanized steel or aluminum. Clothes dryer transition ducts used to connect the appliance to the exhaust duct system shall be limited to single lengths not to exceed 8 feet. Transition ducts shall be metal flex and shall not be concealed within construction.
11. **Section 602.3 Stud cavity and joist space Plenums – Not Permitted** Delete this section in its entirety. Stud cavity and joist space plenums are not permitted.
12. **Section 603.5.1 Gypsum ducts – not permitted**  
Delete this section in its entirety. The use of gypsum board to form ducts is not permitted.
13. **Section 910 Floor Furnaces – not permitted**  
Delete this section in its entirety. Floor furnaces are not permitted.
14. **Section 922 Kerosene and Oil-fired Stoves – not permitted**  
Delete this section in its entirety. Kerosene and oil-fired stoves are not permitted.
15. **Chapter 15 Referenced Standards**  
All of the referenced standards listed in Chapter 15 of the IMC 2003 edition are hereby adopted by the City of Prospect Heights.
16. **Appendix A**  
Appendix A of the IMC 2003 edition is hereby adopted by the City of Prospect Heights.

~~~END ~~~