

SECTION**32.0.0 Refrigeration and Air Conditioning****32.1.0 Standards**

All refrigeration and air conditioning systems and components shall comply with the National Standard Safety Code for Mechanical Refrigeration - NSA-B-9.1 current edition, and the applicable "Standard of Air Conditioning and Refrigeration Institute" (ARI) and Underwriters Laboratories, Inc.", copies of which are on file with the Village Clerk. A manufacturer's brochure will be required for each refrigeration and air conditioning unit of equipment installed.

32.1.1 Compliance

Compliance shall be evidenced by ARI or AGA label and manufacturers label on units showing model number, B.T.U. capacity, ARI standard number and identity of firm performing tests. Any tests required shall be made by an independent testing laboratory acceptable to the Building Commissioner. Installations shall comply with the Electrical Code of the Village.

32.1.2 Refrigerants

All refrigerants shall be non-toxic and non-combustible and shall be approved as a Group I refrigerant as classified in NSA B-9.1 code, except that sealed absorption systems may use Group II refrigerants when in compliance with the NSA B-9.1 Code.

32.1.3 Piping

Piping for conveying condenser cooling water shall be zinc coated steel, copper, or other corrosion resistant material. Dielectric connectors shall be used between ferrous and non-ferrous piping in the cooling water circuit.

32.1.4 Location of Condenser Units

All condenser units shall be located at least fifteen feet (15') away from each interior lot line in compliance with the Zoning Code of the Village.

32.1.5 Refrigeration Permit Fees (Ord. 688, 8/18/80)

An Electrical Permit shall be required for the installation of air conditioning and refrigeration equipment when not installed as part of a structure for which an Electrical Permit has been obtained. The minimum permit costs for such equipment installation shall be as stated in Chapter 25, Section 25.213(3) of the Flossmoor Municipal Code.

32.2.0 Use of Water in Refrigeration and Air Conditioning

No permit shall be issued for any refrigeration or air conditioning system, machine or device for conditioning, cooling, humidifying, or otherwise using water from the Village water supply system in excess of thirty (30) gallons in any 24-hour period. If some separate source of water supply (and not connected with the Village water supply) and some separate method of disposal of such used water (not connected with the Village sewer system) are provided, a permit will be issued after plans, specifications and manufacturer's brochures as required above, have been submitted and the entire system is acceptable to the Commissioner of Public Works.