

Section 6.6. Refrigeration and Cooling Systems

6.6.1. Refrigerating Systems and Equipment for Air-conditioning

6.6.1.1. Cooling Units

- 1) Where a cooling unit is combined with a fuel-fired *furnace* in the same duct system, the cooling unit shall be installed
 - a) in parallel with the heating *furnace*,
 - b) upstream of the *furnace* provided the *furnace* is designed for such application, or
 - c) downstream of the *furnace* provided the cooling unit is designed to prevent excessive temperature or pressure in the refrigeration system.

6.6.2. Passively Cooled Buildings

6.6.2.1. Passively Cooled Buildings

- 1) For a *building* described in Sentence 1.3.3.2.(1) of Division A containing Group C, D, or E *major occupancies, conditioned space* that does not incorporate mechanical cooling systems shall be designed such that interior dry bulb temperatures do not exceed the 80% acceptability limits for naturally condition spaces, as defined in ANSI/ASHRAE 55 Section 5.3, for the following number of hours annually
 - a) for *conditioned space* containing seniors housing, shelter or supportive housing, daycares, schools, or healthcare facilities, no more than 20 hours per year, or
 - b) for any other *conditioned space*, no more than 200 hours per year.

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