

All walk in coolers and walk in freezers (WICF) doors
45*84 or smaller must have:

- 1.) Automatic door closure
- 2.) Have a secondary strip door, spring hinged door or other method of minimizing infiltration when the primary door is open
- 3.) Contain insulation of at least
 R-25 for Coolers
 R-32 for Freezers

Does not apply to windows or structural member of door (frame)

In Addition:

If the walk in cooler/freezer (WICF) has reach in doors:
Must have window of:

Option 1:

3-pane glass **AND** either Gas Filled **OR** Heat reflective treated

OR

Option 2:

2-pane **AND** Gas filled **AND** heat-reflective treated

2 window options

“(1) IN GENERAL.—Subject to paragraphs (2) through (5), each walk-in cooler or walk-in freezer manufactured on or after January 1, 2009, shall—

“(A) have automatic door closers that firmly close all walk-in doors that have been closed to within 1 inch of full closure, except that this subparagraph shall not apply to doors wider than 3 feet 9 inches or taller than 7 feet;

“(B) have strip doors, spring hinged doors, or other method of minimizing infiltration when doors are open;

“(C) contain wall, ceiling, and door insulation of at least R-25 for coolers and R-32 for freezers, except that this subparagraph shall not apply to glazed portions of doors nor to structural members;

“(D) contain floor insulation of at least R-28 for freezers;

“(E) for evaporator fan motors of under 1 horsepower and less than 460 volts, use—

“(i) electronically commutated motors (brushless direct current motors); or

“(ii) 3-phase motors;

“(F) for condenser fan motors of under 1 horsepower, use—

“(i) electronically commutated motors;

“(ii) permanent split capacitor-type motors; or

“(iii) 3-phase motors; and

“(G) for all interior lights, use light sources with an efficacy of 40 lumens per watt or more, including ballast losses (if any), except that light sources with an efficacy of 40 lumens per watt or less, including ballast losses (if any), may be used in conjunction with a timer or device that turns off the lights within 15 minutes of when the walk-in cooler or walk-in freezer is not occupied by people.

“(2) ELECTRONICALLY COMMUTATED MOTORS.—

“(A) IN GENERAL.—The requirements of paragraph (1)(E)(i) for electronically commutated motors shall take effect January 1, 2009, unless, prior to that date, the Secretary determines that such motors are only available from 1 manufacturer.

Effective date.

“(B) OTHER TYPES OF MOTORS.—In carrying out paragraph (1)(E)(i) and subparagraph (A), the Secretary may allow other types of motors if the Secretary determines that, on average, those other motors use no more energy in evaporator fan applications than electronically commutated motors.

“(C) MAXIMUM ENERGY CONSUMPTION LEVEL.—The Secretary shall establish the maximum energy consumption level under subparagraph (B) not later than January 1, 2010.

Deadline.

“(3) ADDITIONAL SPECIFICATIONS.—Each walk-in cooler or walk-in freezer with transparent reach-in doors manufactured on or after January 1, 2009, shall also meet the following specifications:

“(A) Transparent reach-in doors for walk-in freezers and windows in walk-in freezer doors shall be of triple-pane glass with either heat-reflective treated glass or gas fill.