

#09-0043

CBL: 03P-F-006

JOHNSON & JORDAN

MECHANICAL CONTRACTORS

Date: May 19, 2009

Attn: Walt Juve
Dekko, LLC
40 Portland Pier #11
Portland, Maine 04101

Subject: Kiln Room at 245 Commercial Street

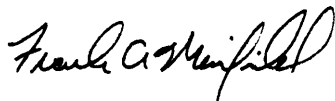
Mr. Juve,

The Kiln Room at 245 Commercial Street is serviced by a 7 ½ ton heat pump AC unit to provide heating and cooling to the entire space. During normal operation the AC will supply the Kiln Room with approximately 250 cfm of air. Kiln operations initiates a control circuit that allows a booster fan to provide additional cooling air into kiln room based on a thermostat located in this room.

The kilns themselves are served by a 140 cfm exhaust fan. The system, by design, supplies sufficient air into the kiln room to make up for the kiln exhaust.

If additional information is required in regards to this report. Please contact Johnson & Jordan, Inc. at 207-883-8345.

Regards,



Frank Merrifield, P.E.
Johnson & Jordan, Inc.



May 19, 2009

Jennifer Wanda
Color Me Mine
Portland, Maine

Dear Jennifer,

National code states that venting is only required in non-commercial applications. Local codes may vary.

If the room can be kept cool enough, heat removal is not necessary. While venting is recommended, it is not required.

The EnviroVent 2 can be run to the basement and across the basement where it can be exhausted out of the building. The vent blower is 140 CFM. It is designed to remove 99.9% of the pollutants from the kiln chamber before they are allowed to enter the room.

The kilns have a UL listing and can be installed with 18 inches from any non-combustible surface. Our UL file # is E29997

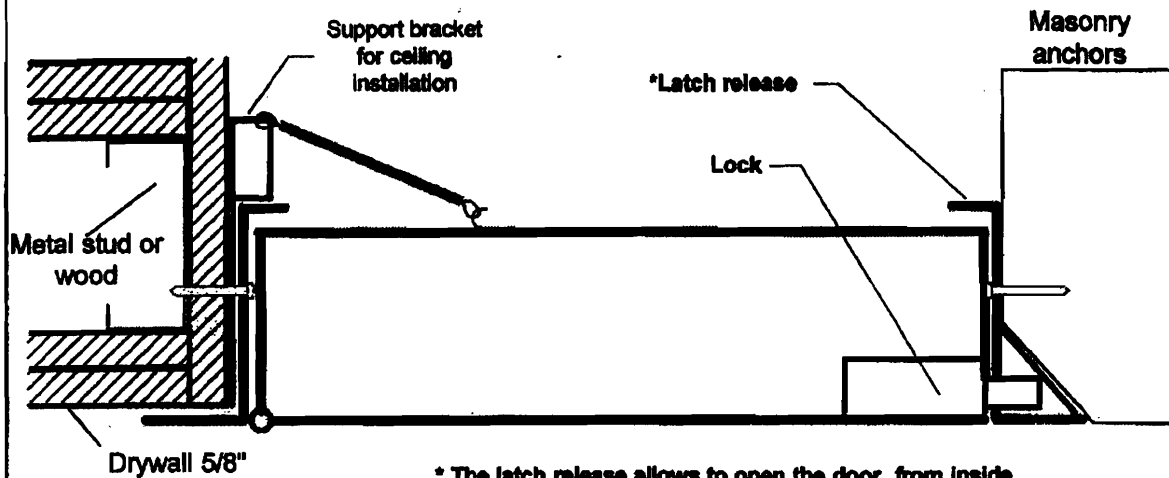
The puts 23,000 BTU's per hour at maximum temperature. The room needs to be kept below 105°F. As long as the room can be kept cool enough, as to not set off the sprinkler system, then the kiln can be as close as 3 feet to the sprinkler head.

This can be achieved with the use of conditioned air or exhaust.

Sincerely,

Jim Skutt
President

RECOMMENDED CEILING INSTALLATION PROCEDURE FOR 3 HOUR RATING MODEL PFI / FRI



* The latch release allows to open the door from inside.

- Place spring bracket between frame and drywall making sure screw hole in spring bracket aligns with screw hole in frame.
- Fix firmly using proper screws (2 on each side of frame).
- Hook two springs to the spring bracket on one side and extend them to hook onto door spring support.
- Repeat on other side using second spring bracket supplied.
- For sizes over 24" x 24" a third spring must be installed in center of frame.
- Please note maximum size for ceiling application is 24" x 36"
- It is important that

N.B. Once spring is hooked, close looped end using pliers.

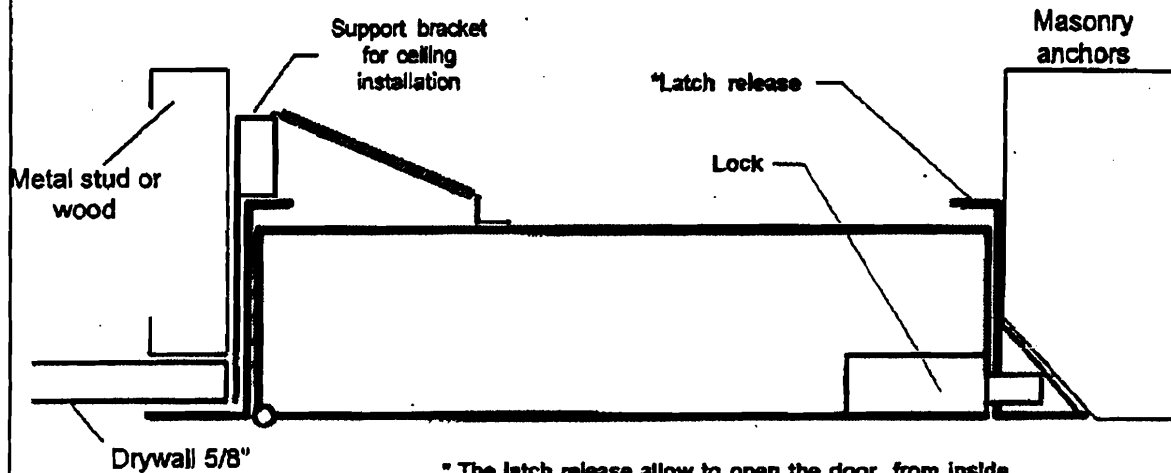
**For ceiling installation only,
for wall do not use spring bracket.**



APPROUVÉ: _____

DATE: APRIL 13, 2006

RECOMMENDED CEILING INSTALLATION PROCEDURE FOR 1 HOUR RATING MODEL FRI



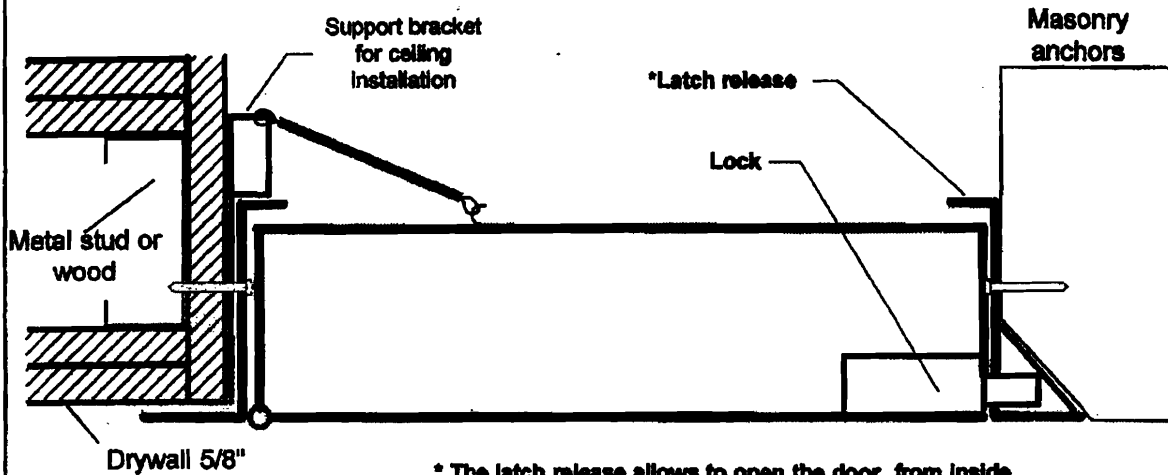
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N.B. Once spring is hooked, close looped end using plyers.

**For ceiling installation only,
for wall do not use spring bracket.**

APPROVE: _____
DATE: 21/02/06

RECOMMENDED CEILING INSTALLATION PROCEDURE FOR 3 HOUR RATING MODEL PFI / FRI



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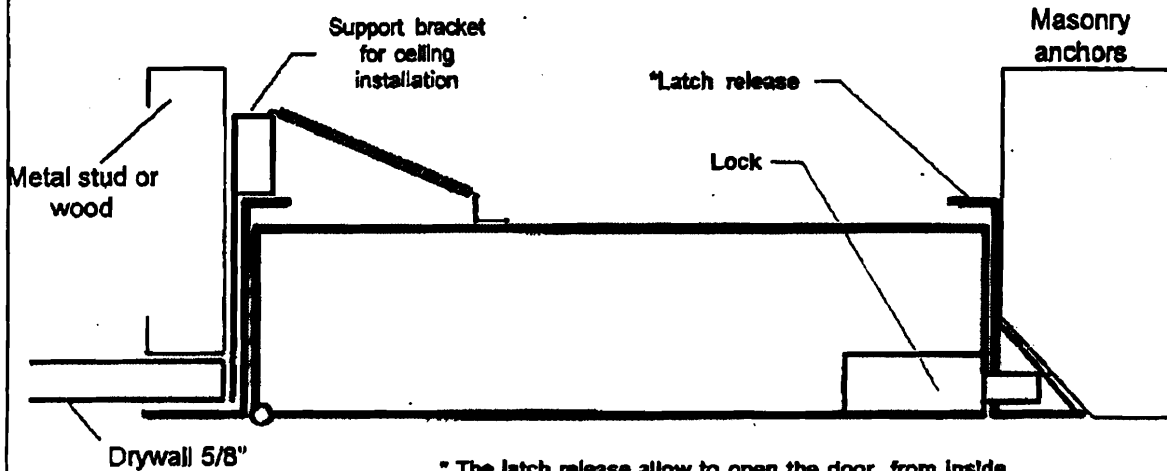


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