UL/cUL SYSTEM NO. C-BJ-8024

MULTIPLE HVAC LINE SETS THROUGH CONCRETE FLOOR/WALL OR BLOCK WALL ASSEMBLY

F-RATING = 2-HR. T-RATING = 1/2-HR.

TOP VIEW

SECTION A-A

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- 1. CONCRETE FLOOR OR WALL ASSEMBLY (2-HR. FIRE-RATING):
 - A. LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE FLOOR (MINIMUM 6" THICK).
 - B. LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE WALL (MINIMUM 6-1/2" THICK).
 - C. ANY UL/cUL CLASSIFIED CONCRETE BLOCK WALL.
- 2. ONE OR MORE AC LINE SETS INSTALLED WITHIN OPENING. EACH LINE SET SHALL BE TIGHTLY BUNDLED AND CONSIST OF THE FOLLOWING:
 - A. MAXIMUM 1" NOMINAL DIAMETER STEEL OR COPPER PIPE WITH NOMINAL 1" THICK AB/PVC PIPE INSULATION.
 - B. MAXIMUM 3/8" NOMINAL DIAMETER COPPER PIPE OR TUBING.
 - C. MAXIMUM 4 PAIR NO. 18 AWG THERMOSTAT CABLE WITH PVC JACKET.
- 3. MINIMUM 5-1/2" THICKNESS MINERAL WOOL (MIN. 4 PCF DENSITY) TIGHTLY PACKED.
- 4. MINIMUM 1/2" DEPTH HILTI FS-ONE MAX OR FS-ONE INTUMESCENT FIRESTOP SEALANT.

NOTES: 1. MAXIMUM AREA OF OPENING IS 256 SQ. IN., WITH A MAXIMUM DIMENSION OF 32".

- 2. ANNULAR SPACE = MINIMUM 1/2", MAXIMUM 12".
- 3. MINIMUM 1/2" DEPTH HILTI FS-ONE MAX OR FS-ONE INTUMESCENT FIRESTOP SEALANT IS REQUIRED ON BOTH SIDES OF A WALL ASSEMBLY.



HILTI, Inc. Tulsa, Oklahoma USA (800) 879-8000

Sheet	1 of 1
Scale	7/64" = 1"
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