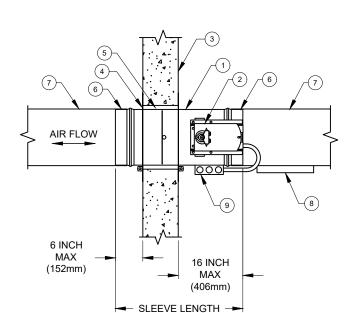
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MARKETING NOTE UPDATES (7), COPYRIGHT NOTE	1



## ITEM:

- UL CLASSIFIED AS BOTH A FIRE DAMPER AND A LEAKAGE RATED SMOKE DAMPER
- 2. UL QUALIFIED DAMPER/ACTUATOR ASSEMBLY (ELECTRIC)
- 3. RATED BARRIER
- 4. RETAINING PLATE
- 5. EXPANSION CLEARANCE
- BREAKAWAY JOINT
- STEEL DUCT
- 3. ACCESS DOOR
- 9. UL LISTED HEAT RESPONSIVE DEVICE (RRL, RRL/OCI, TOR)

## NOTE:

- 1. DAMPERS SHALL BE CONSTRUCTED, TESTED, LABELED AND INSTALLED IN ACCORDANCE WITH UL555, UL555S, NFPA 80, NFPA 90A, NFPA 92, NFPA 101 AND NFPA 105.
- 2. DAMPER RATING SHALL MEET THE REQUIREMENTS OF INTERNATIONAL BUILDING CODE (IBC) AND COMPLY WITH LOCAL CODE REQUIREMENTS.
- 2.1. DAMPERS SHALL BE RATED FOR VERTICAL OR HORIZONTAL MOUNTING AS REQUIRED AND SHOWN ON PROJECT PLANS.
- 3. DAMPER OPENING (EXPANSION GAPS) SHALL BE PER DAMPER MANUFACTURER'S UL APPROVED INSTALLATION INSTRUCTIONS.
- 3.1. MAXIMUM DAMPER OPENING MAY NOT EXCEED THE DAMPER MANUFACTURER'S MAXIMUM UL LISTED SIZE.
- 4. SLEEVE GAUGE, TERMINATIONS AND RETAINING ANGLES SHALL BE AS REQUIRED AND COMPLY WITH UL AND SMACNA REQUIREMENTS.
- HEAT RESPONSIVE DEVICE SHALL BE A SINGLE TEMPERATURE ELECTRIC HEAT SENSOR OR DUAL TEMPERATURE OVERRIDE SENSOR. CHECK PROJECT SPECIFIC REQUIREMENTS AND SPECIFICATIONS FOR TYPE AND TEMPERATURE RATINGS.
- 6. ACCESS DOORS SHALL BE PROVIDED FOR INSPECTION, TESTING AND MAINTENANCE TO COMPLY WITH NFPA 80.
- 7. BASIS OF DESIGN SHALL BE GREENHECK FSDR-511 1-1/2 HOUR RATED STEEL ROUND COMBINATION FIRE SMOKE DAMPER. ALTERNATE MODEL: SSFSDR-511 1-1/2 HOUR FIRE RATED
- 8. FSDR-511 MAY BE MOUNTED EITHER HORIZONTALLY OR VERTICALLY. BLADE AXIS MUST REMAIN WITHIN 30 DEGREES OF HORIZONTAL.



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