

SUBMITTAL RECORD _____
 JOB _____
 LOCATION _____
 SUBMITTED TO _____
 SUBMITTAL PREPARED BY _____
 APPROVED BY _____
 DATE _____



Submittal Form YCCSAD - Union Label High Pressure Insulated Access Doors - Cam Only

DESCRIPTION

Periodic inspection and testing of fire and smoke dampers and detectors in ductwork is a standard safety procedure. Easy access to these devices as well as providing a means of removing dust accumulation can be provided by the installation of hinged or removable access doors. These doors incorporate an integral self stick frame which readily fastens to the duct work as well as a camlock latching system for easy entry.

RELATED NFPA 90A & 90B STANDARDS

2-1.4 Duct Access and Inspection Provisions.

2-1.4.1 A service opening or telescoping or removable duct section shall be provided in ducts adjacent to each fire door, fire damper, smoke damper and smoke detector. The opening shall be large enough to permit maintenance and resetting of the device.

2-1.4.1 Service openings, telescoping or removable duct sections shall be identified with letters no less than 1/2 in. (1.27 cm) in height to indicate the location of the fire protection device(s) within.

2-1.4.3 Horizontal ducts and plenums shall be provided with service openings (see 2-1.4.1) to facilitate cleaning the duct of accumulations of dust and combustible materials. Service openings shall be placed at approximately 20 ft. (6.1-m) intervals along the duct and at the base of each vertical riser.

Exception No. 1: Removable air outlet or air inlet devices of adequate size may be accepted in lieu of service openings.

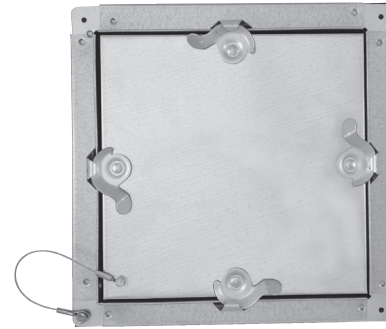
Exception No. 2: Service openings may be omitted in supply ducts when the supply air has previously passed through air filters or water spray.

Exception No. 3: Service openings are not required when all the following conditions prevail:

(a) The occupancy does not produce combustible material such as dust, lint, greasy vapors, etc. Such occupancies include banks, office buildings, churches, hotels, and health care facilities (but not kitchens, service rooms, and manufacturing portions of such facilities).

(b) The air inlets are at least 7 ft. (2.13m) above the floor or are protected by corrosion-resistant metal screens of at least 14 mes, installed at the inlets so that they will not draw papers, refuse, cigarettes or other combustible solids into the return air duct.

(c) The minimum design velocity in the return duct from the particular occupancy is 1,000 ft/min. (508m/sec.).



SUGGESTED SPECIFICATIONS

Service openings shall be provided in ducts adjacent to each fire door, fire damper, smoke damper, and smoke detector. Horizontal ducts and plenums shall be provided with service openings to facilitate cleaning the duct of accumulations of dust and combustible materials. Service openings shall be placed at approximately 20 foot intervals along the duct and at the base of each vertical riser. Service openings shall be sized _____ x _____ and shall incorporate access doors coded _____ as manufactured by Duro Dyne Corporation.

CONSTRUCTION

Door Frame: 24 ga. galvanized steel. Conforms to ASTM A 653.

Door Face: 24 ga. galvanized steel. Conforms to ASTM A 653.

Insulation: Fiberglass blanket. Closed cell foam liner optional.

Door Seal - Neoprene blend . Temperature range -40° to 200°F

Frame Seal - Polyethylene foam Temperature range -40° F to 180°F.

Latches: Four cams and latches on all doors 12" and under. Eight cams and latches on larger sizes. Cams and latches are constructed of galvanized steel.

Safety cable available upon request.

Manufactured to SMACNA standard or better.

Item#	Code	Size
6002	YCCSAD6x6C	6x6
6003	YCCSAD8x8C	8x8
6004	YCCSAD10x10C	10x10
6005	YCCSAD12x12C	12x12
6006	YCCSAD14x14C	14x14
6007	YCCSAD16x16C	16x16
6008	YCCSAD18x12C	18x12
6009	YCCSAD18x18C	18x18
6010	YCCSAD20x20C	20x20
6011	YCCSAD24x24C	24x24

Access doors were pressure tested to 10" SP with minimal leakage, in accordance with method AMCA 500 D-07.

*Plexiglass Window Available Upon Request. Window Access Door double skin with square transparent plexiglass window. A 6x6 thru 10x10 door will have 3"x 3" plexiglass and 12x12 thru 24x24 will have a 6"x6" plexiglass double pane air insulated window.

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