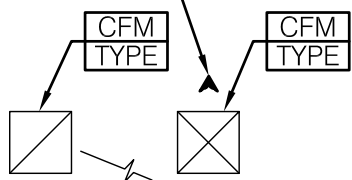


DUCT LEGEND:

CEILING DIFFUSERS & GRILLES

FLOW DIRECTION (NONE SHOWN IF 4-WAY)



RETURN/ EXHAUST SUPPLY
SEE SPECS FOR TYPE
SEE SCHEDULE FOR SIZE

SIDEWALL, SLOTS & FLOOR GRILLES

FACE SIZE (SIDEWALL & FLOOR GRILLE)
SIZE & NUMBER OF SLOTS (SLOT DIFFUSER)

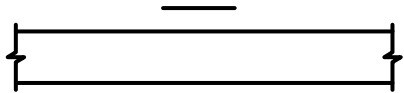


AIR QUANTITY

SPECIFICATION REFERENCE

H = 6" BELOW CEILING
L = 6" ABOVE FLOOR
F = FLOOR
S = SLOT DIFFUSER

BEAM PENETRATION



REFER TO STRUCTURAL DRAWINGS FOR SIZE AND LOCATION OF BEAM PENETRATION

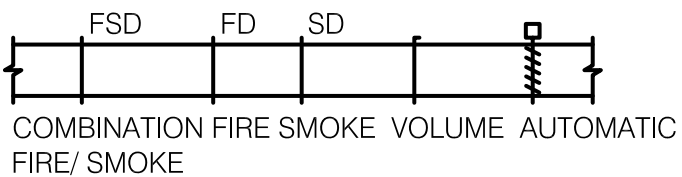
ROOM SENSORS

- ⊕ WALL TEMPERATURE
- ▽ PENDANT TEMPERATURE
- ⊕ WALL HUMIDITY

DUCT SECTIONS



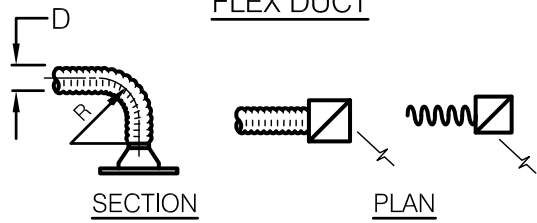
DAMPERS



LOW PRESSURE DUCTWORK:

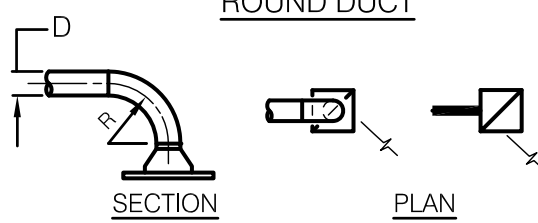
RETURN OR EXH. GRILLE CONNECTION

FLEX DUCT



R=2D FOR FLEX

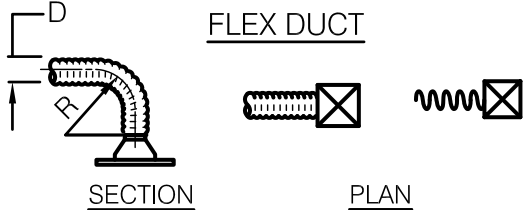
ROUND DUCT



R=1-1/2D FOR ROUND

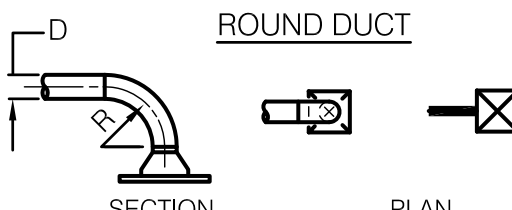
SUPPLY DIFFUSER CONNECTION

FLEX DUCT



R=2D FOR FLEX

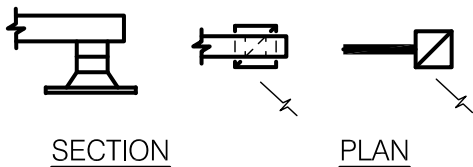
ROUND DUCT



R=1-1/2D FOR ROUND

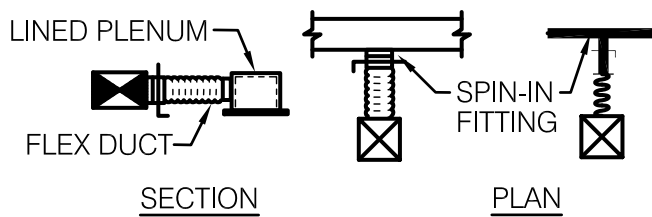
RETURN OR EXHAUST GRILLE

RECTANGULAR DUCT

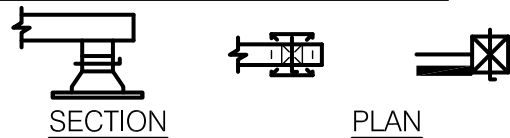


SUPPLY DIFFUSER SIDE FLEX CONNECTION

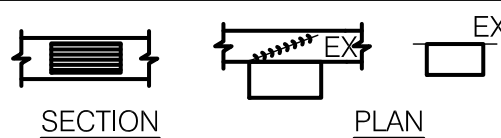
SQUARE NECK



SUPPLY DIFFUSER HARD CONNECTION



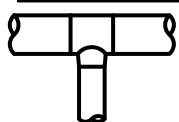
SIDE WALL SUPPLY GRILLE CONNECTION



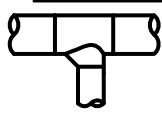
MEDIUM PRESSURE DUCTWORK:

BRANCH FITTINGS

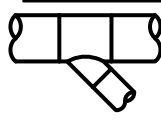
CONICAL TEE



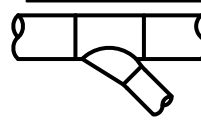
LOW LOSS



LATERAL TEE



CONICAL LATERAL

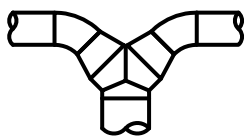


ELBOW

R=1-1/2D

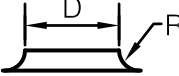


Y-BRANCH



BELLMOUTH

R=.2D



REDUCERS

L=D¹-D²

