

GLOBAL IFS®

Underfloor Air Distribution System

Sheet Metal Boot (SMB)



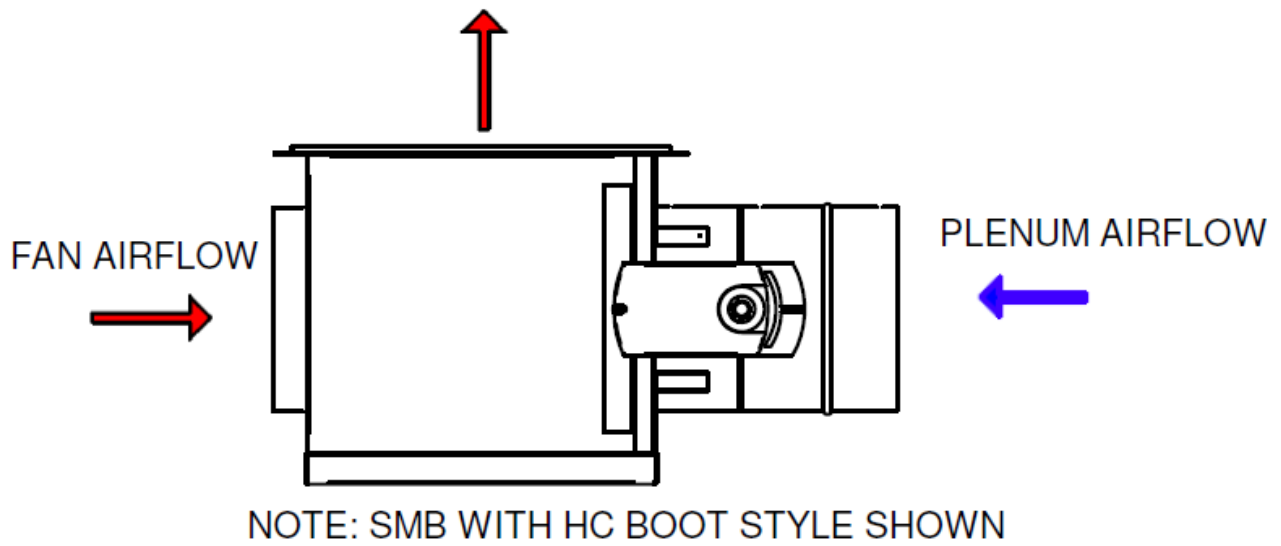
SYSTEM OVERVIEW

The Sheet Metal Boot (SMB) is a premium quality boot designed for ducted raised floor applications or to reduce transmission of noise through the plenum. These boots are used in conjunction with Floor Diffusers (HDD or VSD). The SMB-F includes a ducted inlet to allow delivery of air through a diffuser by an underfloor fan terminal. The HDD-VC or VSD-VC has a VAV plenum inlet for modulation of supply air. The HDD-HC or VSD-HC combines both of these options, allowing cooling of the space with plenum air through the VAV inlet, and heating through the ducted inlet connected to an underfloor fan terminal.

Features

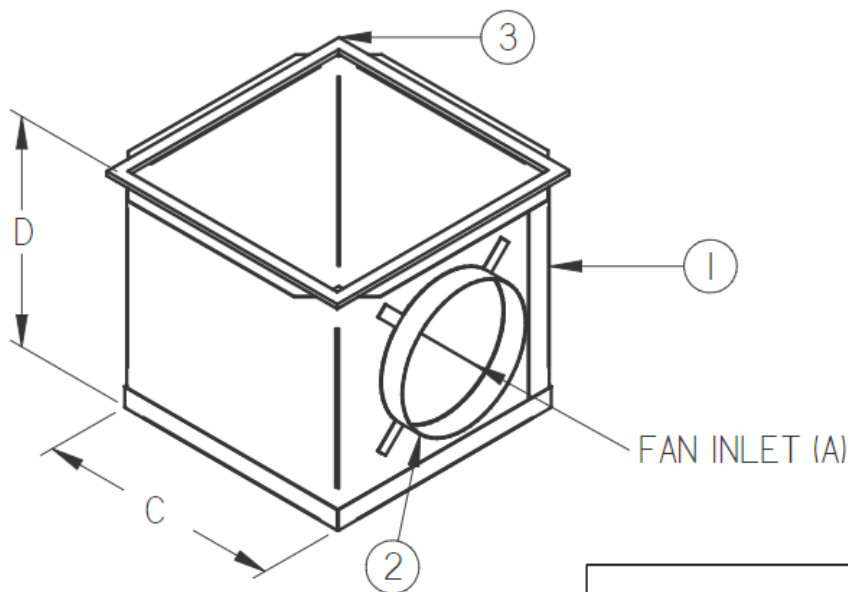
- Used with modular floor diffusers
- Overall height allows for cable runs under unit in 12 in. floors
- Features 22Ga steel construction
- Available with acoustical liner
- Optional modulating damper for VAV cooling control
- 24VAC floating point actuator and modular jacks for daisy chain signal control available
- Plenum rated C25 cable provided for simple connection to GIFS underfloor system

Airflow



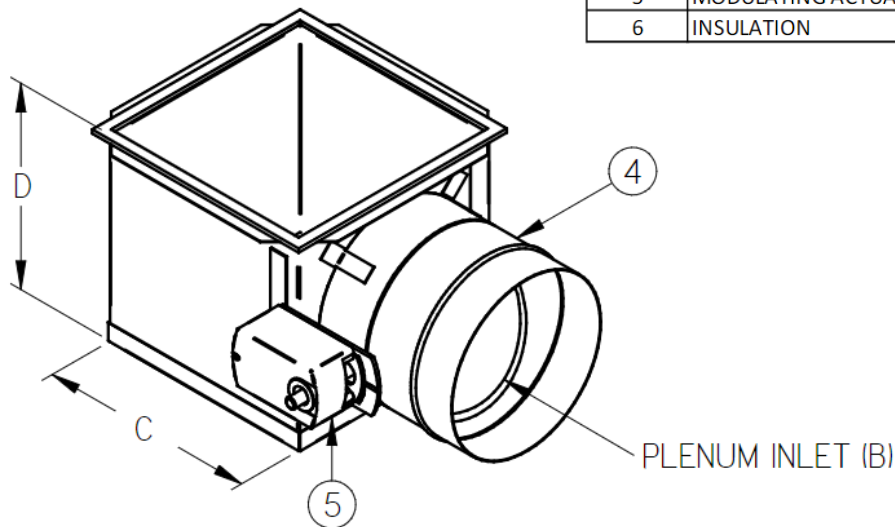
Boot Styles

Fan Sourced



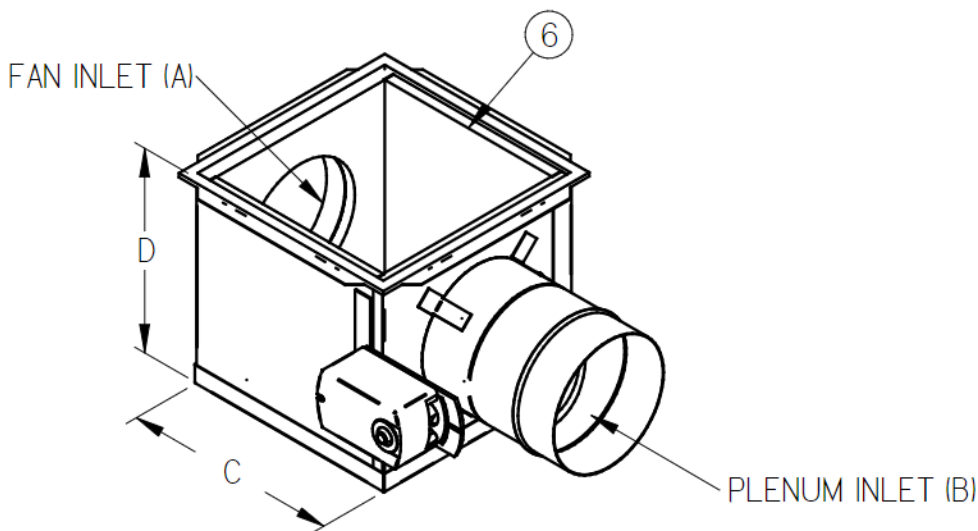
PARTS LIST	
ITEM	PART NAME
1	HOUSING
2	FAN INLET COLLAR
3	GASKET SEAL
4	VAV DAMPER
5	MODULATING ACTUATOR
6	INSULATION

VAV Cooling



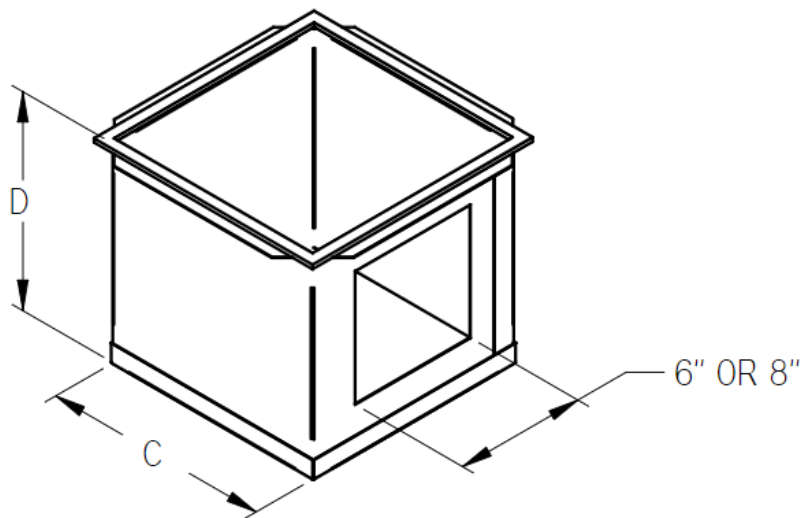
DIMENSIONAL DATA

Heating/Return & VAV Cooing



Open Plenum

Boot Size	Side Width (C)	Height (D)
8" Boot	10" (254mm)	9.5" (241mm)
10" Boot	12" (305mm)	9.5" (241mm)



Boot Style	Height (A)	Side Length (B)		Fan Inlet (C)		Plenum Inlet (D)	
				6in.Duct Diameter	8in.Duct Diameter	6in.Duct Diameter	8in.Duct Diameter
		8B / 10B	8B	10B	8B / 10B	8B / 10B	8B / 10B
F-FanSourced	9.50	10.00	12.00	5.88	7.88	N/A	N/A
VC-VAVCooling				N/A	N/A	5.88	7.88
HC - Heating/Return & VAV Cooling				5.88	7.88	5.88	7.88