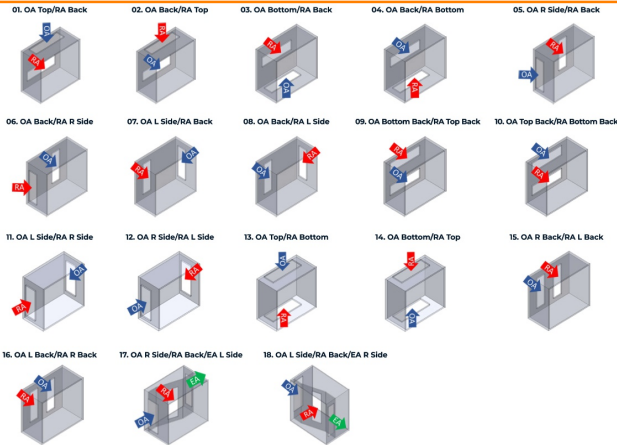


1 PROJECT INFO:
Enter as many job specific identifiers as possible.

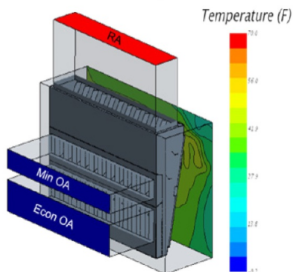
2 ORIENTATION CODE:
Match the inlet orientation of the mixing box.



5 Max Pressure Drop:
Estimated pressure drop across entire mixing section. Typical range is 0.3 (large, higher cost) to 0.6 (small, less cost).

6 KNOCKDOWN:
Is the Channel Blender too large to fit through the jobsite hallway/elevator/access door? The module will be broken down into multiple subassemblies for on-site assembly.

9 DEDICATED MIN. OA:
Use with airflow measurement station to isolate minimum OA.



1

Job Name	AHU Tag
<input type="text"/>	<input type="text"/>
Job Location	AHU OEM
<input type="text"/>	<input type="text"/>
Specifying Engineering Firm	Sales Rep
<input type="text"/>	<input type="text"/>

2

Orientation Code	Inside Plenum Height (in.)
01. OA Top/RA Back	<input type="text" value="100"/>
Inside Plenum Width (in.)	Vertical Clearance (in.)
<input type="text" value="100"/>	<input type="text" value="4"/>

3

Horizontal Clearance (in.)	Supply Air Flow (ft ³ /min)
<input type="text" value="12"/>	<input type="text" value="30000"/>
Min. Outside Air Flow (ft ³ /m...)	Outside Air Design Temp (°F)
<input type="text" value="6000"/>	<input type="text" value="5"/>

5

Max. Pressure Drop (in. w.c.)
<input type="text" value="0.5"/>

6

Knockdown Construction	Split Channel Blender
<input type="checkbox"/>	<input type="checkbox"/>

8

Outside Air Damper	Return Air Damper
<input type="text" value="Control"/>	<input type="text" value="Control"/>

9

Dedicated Min. OA Duct	Actuator Model
<input type="checkbox"/>	<input type="text" value="None"/>

Base Rail Height

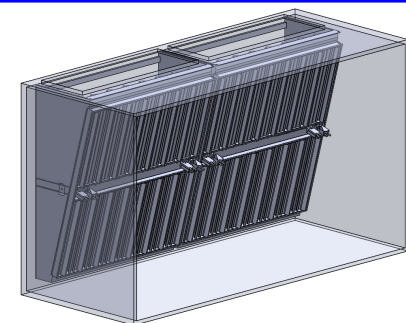
Advanced Settings

10 Calculate Results

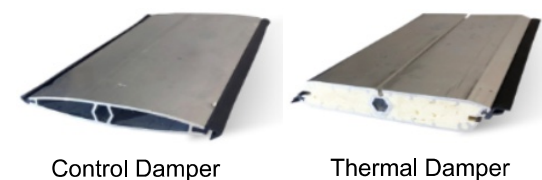
3 CLEARANCE INPUTS:
Consider if any objects intrude into the plenum. (Ex: access doors, airflow measurement, etc.). Ensure enough room remains for mounting and actuator access (CB-100s need 6").

4 DESIGN TEMP:
Use ASHRAE winter design temperature from the nearest location.

7 SPLIT:
Use two Channel Blenders in one plenum for Channel Blender widths greater than 120".



8 DAMPER TYPES:
Control or thermally insulated.



10 CALCULATE RESULTS:
Selects Channel Blender to target max Pdrop.