1-1/2" X 6-3/8" UNISTRUT P1000 - 12 GA. STEEL PRIMARY CHANNEL

HANGER BRACKET
SEE DETAIL A1.2

1-5/8" X 1-5/8" UNISTRUT P1000 - 12 GA. STEEL PRIMARY CHANNEL
SEE DETAIL A1.2

HANGER BRACKET
SEE DETAIL A1.3

PLENUM ACCESS
SEE DETAIL A1.4

BAFFLE END CAP
SEE DETAIL A1.6

TYPICAL SYSTEM SECTION
SCALE: 3" = 1'-0"

SUSPENSION SPECIFICATIONS
SEE DETAIL A1.2

BAFFLE SPECIFICATIONS
SEE DETAIL A1.5

BAFFLE SPLICE CONDITIONS
SEE DETAIL A1.1

OVERALL ISOMETRIC VIEW
PROJECT: HIGH PROFILE SERIES PRODUCT SPECIFICATIONS
DRAWING NUMBER: HPB-A1.0
SCALE: AS SHOWN
DRAWN BY: HD ENGINEERING
DATE: 12/19/19

*1-1/2" X 6-3/8" BEAM PROFILE SHOWN, ALL PROFILES SIMILAR

INTERIOR INSTALLATION

1-5/8" X 1-5/8" BEAM*

HANGER BRACKET
1-1/2" X 6-3/8" BEAM*

2'-0" MAX BAFFLE OVERHANG, TYP.

4'-0" MAX VERTICAL SUPPORT SPACING, TYP.

12" MAX UNISTRUT OVERHANG, TYP.

4'-0" TYP. UNISTRUT SPACING, 6'-0" MAX

PLENUM ACCESS
SEE DETAIL A1.4

BAFFLE SPLICE CONDITIONS
SEE DETAIL A1.5

BAFFLE SPECIFICATIONS
SEE DETAIL A1.1

BAFFLE END CAP
SEE DETAIL A1.6

6" BAFFLE SPACING SHOWN, ACTUAL CAN VARY, TYP.

4'-0" MAX VERTICAL SUPPORT SPACING, TYP.

OVERALL ISOMETRIC VIEW
PROJECT: HIGH PROFILE SERIES PRODUCT SPECIFICATIONS
DRAWING NUMBER: HPB-A1.0
SCALE: AS SHOWN
DRAWN BY: HD ENGINEERING
DATE: 12/19/19

*1-1/2" X 6-3/8" BEAM PROFILE SHOWN, ALL PROFILES SIMILAR
BAFFLE PROFILES & SIZES
CUSTOM SIZES AVAILABLE:
1-1/2" OR 2" WIDTH UP TO 8" HEIGHT
1-1/2" TO 4" WIDTH UP TO 6" HEIGHT
CONTACT HUNTER DOUGLAS

BAFFLE MATERIAL
EXTRUDED ALUMINUM ALLOY 6063-T5

BAFFLE FINISHES
PAINTED & POWDER COATED
DECORATED WOOD FINISH (POWDER COATED)
WOOD VENEER (PROFILE SPECIFIC, CONTACT HUNTER DOUGLAS)

PERFORATIONS
BAFFLES CANNOT BE PERFORATED

BAFFLE PROFILES & SIZES
SCALE: 3" = 1'-0'

BAFFLE SPECIFICATIONS
PROJECT: HIGH PROFILE SERIES PRODUCT SPECIFICATIONS
DRAWING NUMBER: HPS-A1.1
SCALE: AS SHOWN
DRAWN BY: HD ENGINEERING
DATE: 12/19/19
2'-0" MAX BAFFLE OVERHANG, TYP.

4'-0" TYP. UNISTRUT SPACING, 6'-0" MAX

4'-0" MAX VERTICAL SUPPORT SPACING, TYP.

1-5/8" X 1-5/8" UNISTRUT P1000 - 12 GA. STEEL PRIMARY CHANNEL

HANGER BRACKET AT ALL BAFFLE/UNISTRUT INTERSECTIONS, TYP.

THREADED ROD BY OTHERS, TYP.

1'-0" MAX UNISTRUT OVERHANG, TYP.

1-1/2" X 6-3/8" BEAM SHOWN, ALL PROFILES SIMILAR

THREADED ROD ATTACHMENT TO UNISTRUT AND STRUCTURE ABOVE DESIGNED AND PROVIDED BY OTHERS. INSTALLER TO ENSURE HANGING METHOD DOES NOT INTERFERE WITH THE MOVEMENT OF HANGER BRACKET INSIDE OF UNISTRUT.

NOTE:

INTERIOR INSTALLATION

TERMINAL POSTS

SUSPENSION SPECIFICATIONS

PROJECT: HIGH PROFILE SERIES PRODUCT SPECIFICATIONS

DRAWING NUMBER: HPS-A1.2

SCALE: AS SHOWN

DRAWN BY: HD ENGINEERING

DATE: 12/19/19

6" SHOWN, ACTUAL CAN VARY, TYP.

1'-0" MAX UNISTRUT OVERHANG, TYP.

4'-0" TYP. UNISTRUT SPACING, 6'-0" MAX

1-5/8" X 1-5/8" UNISTRUT P1000 - 12 GA. STEEL PRIMARY CHANNEL

HANGER BRACKET

1-1/2" X 6-3/8" BEAM SHOWN, ALL PROFILES SIMILAR

THREADED ROD BY OTHERS, TYP.

1-5/8" X 1-5/8" UNISTRUT P1000 - 12 GA. STEEL PRIMARY CHANNEL

HANGER BRACKET

1'-0" MAX UNISTRUT OVERHANG, TYP.

4'-0" TYP. UNISTRUT SPACING, 6'-0" MAX

1-5/8" X 1-5/8" UNISTRUT P1000 - 12 GA. STEEL PRIMARY CHANNEL

HANGER BRACKET

1-1/2" X 6-3/8" BEAM SHOWN, ALL PROFILES SIMILAR

THREADED ROD BY OTHERS, TYP.

1'-0" MAX UNISTRUT OVERHANG, TYP.

4'-0" TYP. UNISTRUT SPACING, 6'-0" MAX

1-5/8" X 1-5/8" UNISTRUT P1000 - 12 GA. STEEL PRIMARY CHANNEL

HANGER BRACKET

1-1/2" X 6-3/8" BEAM SHOWN, ALL PROFILES SIMILAR

THREADED ROD BY OTHERS, TYP.
1. Slide mounting bracket into suspension slot of baffle.*
2. Lift beam assembly and insert top nut into Unistrut and ensure square washer tabs align with Unistrut opening.
3. Rotate bolt 90° counter-clockwise to engage top nut with Unistrut.
4. Slide baffle assembly into final position and tighten hex nut.
5. Tighten set screw.

*1-1/2" X 6-3/8" beam profile shown, all profiles similar
**Vertical support omitted for clarity

HANGER BRACKET INSTALLATION
PROJECT: HIGH PROFILE SERIES PRODUCT SPECIFICATIONS
DRAWING NUMBER: HPS-A1.3
SCALE: NOT TO SCALE
DRAWN BY: HD ENGINEERING
DATE: 12/19/19
1. LOosen hex nut at all hanger brackets of baffles* required for plenum access.
2. Slide baffles evenly along unistrut to access plenum. Ensure top nut remains engaged with unistrut during access.

**NOTE:**
Create smallest possible opening for plenum access and avoid large concentrations of stacked baffles.

**NOTE:**
Threaded rod attachment to unistrut and structure above designed and provided by others. Installer to ensure hanging method does not interfere with the movement of hanger bracket inside of unistrut.

1-1/2" X 6-3/8" BEAM PROFILE SHOWN, ALL PROFILES SIMILAR

---

1-5/8" X 1-5/8" UNISTRUT P1000 - 12 GA. STEEL PRIMARY CHANNEL
THREADED ROD BY OTHERS, TYP.

PLENUM ACCESS
PROJECT: HIGH PROFILE SERIES PRODUCT SPECIFICATIONS
DRAWING NUMBER: HP5-A1.4
SCALE: NOT TO SCALE
DRAWN BY: HD ENGINEERING
DATE: 12/19/19

SPECIFICATIONS
(unless noted otherwise)
MATERIAL: EXTRUDED ALUMINUM ALLOY 6063-T5
FINISH: PAINT | POWDER COAT | DECORATED WOOD FINISH | WOOD VENEER
PERFORATION: NOT AVAILABLE

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**BAFFLE SPLICE INSTALLATION**

**PROJECT:** HIGH PROFILE SERIES PRODUCT SPECIFICATIONS
**DRAWING NUMBER:** HPS-A1.5
**SCALE:** NOT TO SCALE
**DRAWN BY:** HD ENGINEERING
**DATE:** 12/19/19

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**SPECIFICATIONS**

- **MATERIAL:** EXTRUDED ALUMINUM ALLOY 6063-T5
- **FINISH:** PAINT | POWDER COAT | DECORATED WOOD FINISH | WOOD VENEER
- **PERFORATION:** NOT AVAILABLE

---

**BAFFLE SPLICE INSTALLATION**

1. **INSERT BAFFLE SPLICE HALFWAY INTO BAFFLE.**
2. **SECURE WITH TWO (2) MIN #8 TEK SCREWS (BY OTHERS).**
3. **SLIDE SECOND BAFFLE OVER SPLICE AND TIGHT AGAINST FIRST BAFFLE. ENSURE FINISHED SEAM IS ALIGNED AND FLUSH ON ALL SIDES.**
4. **SECURE REMAINING SIDE WITH TWO (2) MIN #8 TEK SCREWS.**

---

**NOTE:**

- DUE TO BAFFLE SPLICE FASTENERS, HANGER BRACKETS WILL NOT FIT AT SPLICE LOCATIONS.
- "1-1/2" X 6-3/8" BEAM PROFILE SHOWN, ALL PROFILES SIMILAR
- **VERTICAL SUPPORT OMITTED FOR CLARITY**
**APPLY CONSTRUCTION ADHESIVE ON 3 SIDES SHOWN.**

**INSERT END CAP INTO BAFFLE AND ENSURE END CAP BRACKET SLIDES INTO SUSPENSION SLOT AT TOP OF BAFFLE.**

**APPLY EVEN PRESSURE TO SET END CAP ALL THE WAY INTO BAFFLE AND TIGHTEN SET SCREW TO SECURE END CAP.**

---

**NOTE:**

End Caps only available for square cut baffle ends.

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**WOOD END CAP**

Wood veneer finish (profile specific, contact Hunter Douglas)

**METAL END CAP**

Painted, powder coated, & decorated wood finishes

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**SPECIFICATIONS**

(unless noted otherwise)

Material: Extruded aluminum alloy 6063-T5

Finish: Paint | Powder Coat | Decorated wood finish | Wood veneer

Perforation: Not available

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**END CAP SPECIFICATIONS**

Project: High profile series product specifications

Drawing number: HPS-A1.6

Scale: Not to scale

Drawn by: HD Engineering

Date: 12/19/19

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NOTE:
ATTACHMENT TO STRUCTURE DESIGNED AND PROVIDED BY OTHERS, NOT BY HUNTER DOUGLAS.
6" BAFFLE SPACING SHOWN, SEE DETAIL A1.9 FOR MIN ALLOWANCES, TYP.

12" MAX MAIN TEE OVERHANG, TYP.

12 GA HANGER WIRE BY OTHERS, TYP.

48" MAX MAIN TEE SPACING, TYP.

15/16" HEAVY DUTY CLASS MAIN TEE PER ASTM C635, BY OTHERS, TYP.

15/16" CROSS TEE 48" O.C. MAX ALONG MAIN TEE, BY OTHERS, TYP.

1-1/2" X 6-3/8" BEAM SHOWN, SEE DETAIL A1.9 FOR BAFFLE OPTIONS

12 GA HANGER WIRE BY OTHERS, TYP.

48" MAX HANGER WIRE SPACING, TYP.

T-GRID BRACKET, ALTERNATE BRACKET DIRECTION AT EACH BAFFLE, TYP.

12" MAX MAIN TEE OVERHANG, TYP.

15/16" HEAVY DUTY CLASS MAIN TEE PER ASTM C635, BY OTHERS, TYP.

15/16" CROSS TEE 48" O.C. MAX ALONG MAIN TEE, BY OTHERS, TYP.

12" MAX MAIN TEE OVERHANG, TYP.

15/16" CROSS TEE 48" O.C. MAX ALONG MAIN TEE, BY OTHERS, TYP.

15/16" HEAVY DUTY CLASS MAIN TEE PER ASTM C635, BY OTHERS, TYP.

12 GA HANGER WIRE BY OTHERS, TYP.

48" MAX HANGER WIRE SPACING, TYP.

T-GRID BRACKET, ALTERNATE BRACKET DIRECTION AT EACH BAFFLE, TYP.

END CAP

6" BAFFLE SPACING SHOWN, SEE DETAIL A1.9 FOR MIN ALLOWANCES, TYP.

6" BAFFLE SPACING SHOWN, SEE DETAIL A1.9 FOR MIN ALLOWANCES, TYP.

NOTE:
ATTACHMENT TO STRUCTURE DESIGNED AND PROVIDED BY OTHERS, NOT BY HUNTER DOUGLAS.
T-GRID BAFFLE OPTIONS

15/16" HEAVY DUTY CLASS T-GRID PER ASTM C635 REQUIRED FOR T-GRID SUSPENSION OPTION

BAFFLE SPACING CANNOT BE LESS THAN MINIMUM SPACING SHOWN BELOW

<table>
<thead>
<tr>
<th>BAFFLE SIZE/PROFILE</th>
<th>MIN SPACING</th>
<th>MIN CLEAR BETWEEN BAFFLES</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-1/2&quot; X 4-3/8&quot; BEAM</td>
<td>4&quot;</td>
<td>2-1/2&quot;</td>
</tr>
<tr>
<td>1-1/2&quot; X 6-3/8&quot; BEAM</td>
<td>6&quot;</td>
<td>4-1/2&quot;</td>
</tr>
<tr>
<td>1-5/8&quot; X 6-3/8&quot; AERO</td>
<td>6&quot;</td>
<td>4-3/8&quot;</td>
</tr>
<tr>
<td>1-3/4&quot; X 6-3/8&quot; SWEEP</td>
<td>6&quot;</td>
<td>4-1/4&quot;</td>
</tr>
</tbody>
</table>
1. Slide T-Grid Bracket into suspension slot of baffle.
2. Lift baffle assembly up to main tee. Ensure main tee flange slides under horizontal flange of T-Grid bracket and vertical flange of T-Grid bracket is on the outside of main tee bulb.
3. Adjust baffle assembly to final position along main tee and if possible, align with pre-punched main tee holes. If holes are not compatible, field drill 1/4" dia. hole.
4. Secure T-Grid bracket to main tee with factory-supplied 1/4"-20 bolt and wing nut. Use factory-supplied split lock washer on wing nut side.
5. Slide baffle into final position and tighten set screw.

Specifications:

- Material: Extruded Aluminum Alloy 6063-T5
- Finish: Powder Coat, Decorated Wood Finish, Wood Veneer
- Perforation: Not Available

*1-1/2" x 6-3/8" beam profile shown, all profiles similar
**Vertical support omitted for clarity
EXTERIOR INSTALLATION

NOTE:

ATTACHMENT TO STRUCTURE DESIGNED AND PROVIDED BY OTHERS, NOT BY HUNTER DOUGLAS.

EXTERIOR HIGH PROFILE SERIES APPLICATIONS ARE AVAILABLE ON A PROJECT-SPECIFIC BASIS

DESIGN WIND PRESSURE IN POUNDS PER SQUARE FOOT MUST BE PROVIDED

CONTACT HUNTER DOUGLAS FOR DESIGN AND ENGINEERING

PAINTED, POWDER COATED, AND DECORATED WOOD FINISHES (POWDER COATED) ONLY

SPECIFICATIONS

MATERIAL: EXTRUDED ALUMINUM ALLOY 6063-T5
FINISH: PAINT, POWDER COAT, DECORATED WOOD FINISH, WOOD VENEER
PERFORATION: NOT AVAILABLE

EXTERIOR APPLICATIONS

PROJECT: HIGH PROFILE SERIES PRODUCT SPECIFICATIONS
DRAWING NUMBER: HPS-A1.11
SCALE: NOT TO SCALE
DRAWN BY: HD ENGINEERING
DATE: 12/19/19