TBD2, TBDI2 T-BAR SUPPLY DIFFUSERS

**MODULE LENGTH**

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<thead>
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<td>1200mm</td>
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<td>1500mm</td>
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**AVAILABLE INLET SIZES**

<table>
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<tbody>
<tr>
<td>6&quot;</td>
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<tr>
<td>10&quot;</td>
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<tr>
<td>12&quot;</td>
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**STANDARD CONSTRUCTION:**
- Coated steel plenum construction
- Extruded aluminum blade and center tee

**INSULATION OPTIONS (MODEL TBD2):**
- CF - Coated fiberglass insulation
- FF - Fiber free foam insulation
- AFI - External aluminum foil backed insulation

**OPTIONS:**
- ST - Straddle tee (2 slot units only)
- CN - Center notch (36"/900mm and longer)
- TB1 - One outside tee bar on inlet side
- TB2 - Outside tee bar on both sides
- TC1 - Tee bar clips on inlet side
- TC2 - Tee bar clips on both sides
- APF - Aluminum plaster frame

**NOTES:**
- TBDI2 endcaps are uninsulated (options CF and FF)
- Factory tolerance +/- 1/32" (1)

**AVAILABILITY:**

1 SLOT | 2 SLOT
---|---
1" (25) | 2" (51)
1 1/2" (38) | 4" (102)

**FINISH:**
- Blades - B17 Black
- Centre tee - B12 White
- Centre tee - B17 Black
- BFS - Black face surfaces

**PROJECT:**

**ENGINEER:**

**CUSTOMER:**

**SUBMITTAL DATE:**

**SPEC. SYMBOL:** 2015/09/21
### TBD3, TBDI3 T-BAR SUPPLY DIFFUSERS

**STANDARD CONSTRUCTION:**
- Coated Steel Plenum Construction
- Extruded Aluminum Blade and Centre Tee

**INSULATION OPTIONS (MODEL TBD3):**
- CF - Coated Fiberglass Insulation
- FF - Fiber Free Foam Insulation
- AFI - External Aluminum Foil Backed Insulation

**OPTIONS:**
- ST - Straddle Tee (2 Slot Units Only)
- CN - Center Notch (36"/900mm and Longer)
- TB1 - One Outside Tee Bar on Inlet Side
- TB2 - Outside Tee Bar on Both Sides
- TC1 - Tee Bar Clips on Inlet Side
- TC2 - Tee Bar Clips on Both Sides
- APF - Aluminum Plaster Frame

**FINISH:**
- Blades - B17 Black
- Centre Tee - B12 White
- Centre Tee - B17 Black
- BFS - Black Face Surfaces

**NOTES:**
- TBD3 Endcaps are uninsulated (Options CF and FF)
- Factory Tolerance +/- 1/32" (1)

### AVAILABLE INLET SIZES

| W | H
<table>
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<tr>
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<tbody>
<tr>
<td>6&quot; (152) Oval = 4&quot;x7&quot; (102x178)</td>
<td>8&quot; (203)</td>
</tr>
<tr>
<td>8&quot; (203) Oval = 4&quot;x10 1/8&quot; (102x257)</td>
<td>8&quot; (203)</td>
</tr>
<tr>
<td>10&quot; (254) Oval = 4&quot;x13 1/4&quot; (102x337)</td>
<td>8&quot; (203)</td>
</tr>
<tr>
<td>12&quot; (305) Oval = 6&quot;x15 7/32&quot; (152x387)</td>
<td>11&quot; (279)</td>
</tr>
<tr>
<td>6&quot; (152) Round</td>
<td>11&quot; (279)</td>
</tr>
<tr>
<td>8&quot; (203) Oval = 6&quot;x15 7/32&quot; (152x387)</td>
<td>11&quot; (279)</td>
</tr>
<tr>
<td>10&quot; (254) Oval = 6&quot;x12 1/16&quot; (152x307)</td>
<td>11&quot; (279)</td>
</tr>
<tr>
<td>12&quot; (305) Oval = 6&quot;x15 7/32&quot; (152x387)</td>
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### MODULE LENGTH

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<th>36&quot;</th>
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<th>600mm</th>
<th>750mm</th>
<th>900mm</th>
<th>1200mm</th>
<th>1500mm</th>
</tr>
</thead>
</table>

**NOTICE:**
- All metric dimensions ( ) are soft converted. Imperial dimensions are converted to metric and rounded to the nearest millimeter.
# TBD4, TBDI4 T-Bar Supply Diffusers

## Standard Construction:
- Coated steel plenum construction
- Extruded aluminum blade and centre tee
- Vinyl blade seal

### Insulation Options (Model TBDI4):
- CF - Coated fiberglass insulation
- FF - Fiber free foam insulation
- AFI - External aluminum foil backed insulation

### Options:
- ST - Straddle tee (2 slot units only)
- CN - Center notch (36”/900 mm and longer)
- TB1 - One outside tee bar on inlet side
- TB2 - Outside tee bar on both sides
- TC1 - Tee bar clips on inlet side
- TC2 - Tee bar clips on both sides
- APF - Aluminum plaster frame

### Available Inlet Sizes:

<table>
<thead>
<tr>
<th>Slot Width</th>
<th>1 Slot</th>
<th>2 Slot</th>
<th>3 Slot</th>
<th>4 Slot</th>
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</thead>
<tbody>
<tr>
<td>TBD475</td>
<td>3/4” (19)</td>
<td>1 3/4” (44)</td>
<td>3 1/2” (89)</td>
<td>5 1/4” (133)</td>
</tr>
<tr>
<td>TBD4100</td>
<td>1” (25)</td>
<td>2” (51)</td>
<td>4” (102)</td>
<td>6” (152)</td>
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<tr>
<td>TBD4150</td>
<td>1 1/2” (38)</td>
<td>2 1/2” (64)</td>
<td>5” (127)</td>
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### Available Module Lengths:

<table>
<thead>
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<th>Module Length</th>
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<tbody>
<tr>
<td>24”</td>
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<tr>
<td>30”</td>
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<td>1200mm</td>
<td>(1194)</td>
</tr>
<tr>
<td>1500mm</td>
<td>(1494)</td>
</tr>
</tbody>
</table>

### Notes:
- TBDI4 endcaps are uninsulated (options CF and FF)
- Factory tolerance +/- 1/32” (1)

---

**Project:** TBD4, TBDI4 T-Bar Supply Diffuser

**Engineer:**

**Customer:**

**Submittal Date:** 2015/09/22

**Spec. Symbol:** TBD4, TBDI4 T-Bar Supply Diffuser
TBD2, TBDI2 T-BAR SUPPLY DIFFUSERS STYLE 17

STANDARD CONSTRUCTION:
- COATED STEEL PLENUM CONSTRUCTION
- EXTRUDED ALUMINUM BLADE AND CENTRE TEE

INSULATION OPTIONS (MODEL TBD2):
- CF - COATED FIBERGLASS INSULATION
- FF - FIBER FREE FOAM INSULATION
- AFI - EXTERNAL ALUMINUM FOIL BACKED INSULATION

OPTIONS:
- ST - STRADDLE TEE (2 SLOT UNITS ONLY)
- CN - CENTER NOTCH (48"/1200mm LENGTHS ONLY)

AVAILABLE INLET SIZES:
- 6" (152) OVAL = 4"x7" (102x178)
- 8" (203) OVAL = 4x10 1/8" (102x257)
- 10" (254) OVAL = 4x13 1/4" (102x337)
- 12" (305) OVAL = 6x15 7/32" (152x387)

NOTES:
- TBDI2 ENDCAPS ARE UNINSULATED (OPTIONS CF AND FF)
- FACTORY TOLERANCE +/- 1/32" (1)

FINISH:
- BLADES - B17 BLACK
- CENTRE TEE - B12 WHITE
- CENTRE TEE - B17 BLACK
- BFS - BLACK FACE SURFACES

PROJECT:

ENGINEER: TBD2, TBDI2 T-BAR SUPPLY DIFFUSER STYLE 17
CUSTOMER: 245825
SUBMITTAL DATE: 2015/09/22
SPEC. SYMBOL: TBD2, TBDI2

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TBD3, TBDI3 T-BAR SUPPLY DIFFUSERS STYLE 17

STANDARD CONSTRUCTION:
• COATED STEEL PLENUM CONSTRUCTION
• EXTRUDED ALUMINUM BLADE AND CENTRE TEE

INSULATION OPTIONS (MODEL TBD3):
☐ CF - COATED FIBERGLASS INSULATION
☐ FF - FIBER FREE FOAM INSULATION
☐ AFI - EXTERNAL ALUMINUM FOIL BACKED INSULATION

OPTIONS:
☐ ST - STRADDLE TEE (2 SLOT UNITS ONLY)
☐ CN - CENTER NOTCH (48"/1200mm LENGTHS ONLY)

NOTES:
• TBDI3 ENDCAPS ARE UNINSULATED (OPTIONS CF AND FF)
• FACTORY TOLERANCE +/- 1/32" (1)

PROJECT:

ENGINEER:

CUSTOMER:

SUBMITTAL DATE:  SPEC. SYMBOL: 2015/09/22

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TBD4, TBDI4 T-BAR SUPPLY DIFFUSERS STYLE 17

STANDARD CONSTRUCTION:
- COATED STEEL PLENUM CONSTRUCTION
- EXTRUDED ALUMINUM BLADE AND CENTRE TEE
- VINYL BLADE SEAL

INSULATION OPTIONS (MODEL TBD4):
- CF - COATED FIBERGLASS INSULATION
- FF - FIBER FREE FOAM INSULATION
- AFI - EXTERNAL ALUMINUM FOIL BACKED INSULATION

OPTIONS:
- ST - STRADDLE TEE (2 SLOT UNITS ONLY)
- CN - CENTER NOTCH (48"/1200mm LENGTHS ONLY)

NOTES:
- TBD4 ENDCAPS ARE UNINSULATED (OPTIONS CF AND FF)
- FACTORY TOLERANCE +/- 1/32" (1)

MODULE LENGTH | L
---|---
24" | 23 5/16"
48" | 47 5/16"
600mm | (583)
1200mm | (1183)

AVAILABLE INLET SIZES

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<thead>
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<th>1 &amp; 2 SLOT</th>
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<td>8&quot; (203)</td>
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<tr>
<td>8&quot; (203) OVAL = 4x10 1/8&quot; (102x257)</td>
<td>8&quot; (203)</td>
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<tr>
<td>10&quot; (254) OVAL = 4x13 1/4&quot; (102x337)</td>
<td>8&quot; (203)</td>
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<tr>
<td>12&quot; (305) OVAL = 6x15 7/32&quot; (152x387)</td>
<td>11&quot; (279)</td>
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<table>
<thead>
<tr>
<th>3 &amp; 4 SLOT</th>
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<td>6&quot; (152) ROUND</td>
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<tr>
<td>10&quot; (254) OVAL = 6x12 1/16&quot; (152x307)</td>
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<tr>
<td>12&quot; (305) OVAL = 6x15 7/32&quot; (152x387)</td>
<td>11&quot; (279)</td>
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FINISH:
- BLADE - B17 BLACK
- CENTRE TEE - B12 WHITE
- CENTRE TEE - B17 BLACK
- BFS - BLACK FACE SURFACES

ALL METRIC DIMENSIONS ( ) ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.
TBR, TBRI T-BAR RETURN DIFFUSERS

**STANDARD CONSTRUCTION:**
- Coated Steel Plenum Construction
- Extruded Aluminum Centre Tee

**INSULATION OPTIONS (MODEL TBRI):**
- CF - Coated Fiberglass Insulation
- FF - Fiber Free Foam Insulation

**OPTIONS:**
- ST - Straddle Tee (2 Slot Units Only)
- CN - Center Notch (36"/900mm and Longer)
- TB1 - One Outside Tee Bar on Inlet Side
- TB2 - Outside Tee Bar on Both Sides
- TC1 - Tee Bar Clips on Inlet Side
- TC2 - Tee Bar Clips on Both Sides
- APF - Aluminum Plaster Frame

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**MODULE LENGTH**

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**MATCHING DIFFUSER**

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<td>1&quot;</td>
<td>1/4&quot;</td>
<td>2/3&quot;</td>
<td>2/3&quot;</td>
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</tbody>
</table>

**FINISH:**
- BFS - Black Face Surfaces
- Centre Tee - B12 White
- Centre Tee - B17 Black

**NOTES:**
- TBRI is insulated on top panel only
- Factory tolerance +/- 1/32" (1)

---

**PROJECT:**

**ENGINEER:**

**CUSTOMER:**

**SUBMITTAL DATE:**

**SPEC. SYMBOL:**

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Submittal Sheet

TBR, TBRI T-BAR RETURN DIFFUSER

245828

2011/12/19
TBR, TBRI T-BAR RETURN DIFFUSERS STYLE 17

INSULATION OPTIONAL

MATCHING DIFFUSER

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<td>3 1/2&quot; (89)</td>
<td>4 1/8&quot; (105)</td>
<td>5 1/4&quot; (133)</td>
<td>7&quot; (178)</td>
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<td>2100</td>
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<td>4&quot; (102)</td>
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<td>4&quot; (102)</td>
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<td>5 5/8&quot; (143)</td>
<td>7 1/2&quot; (191)</td>
<td>10&quot; (254)</td>
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MODULE LENGTH

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<td></td>
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<tr>
<td>1200mm</td>
<td>(1183)</td>
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</tbody>
</table>

STANDARD CONSTRUCTION:

• COATED STEEL PLENUM CONSTRUCTION
• EXTRUDED ALUMINUM CENTRE TEE

INSULATION OPTIONS (MODEL TBD4):

| □ CF - COATED FIBERGLASS INSULATION |
| □ FF - FIBER FREE FOAM INSULATION |

OPTIONS:

| □ ST - STRADDLE TEE (2 SLOT UNITS ONLY) |
| □ CN - CENTER NOTCH (48"/1200mm LENGTHS ONLY) |

NOTES:

• TBRI IS INSULATED ON TOP PANEL ONLY
• FACTORY TOLERANCE +/- 1/32" (1)

PROJECT:

ENGINEER:
CUSTOMER:
SUBMITTAL DATE: SPEC. SYMBOL: 2011/12/19

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TBD, TBDI 6 T-BAR DIFFUSER

INLET HEIGHT
MAX = 4" (102)

NOMINAL MODULE SIZE - 5½" (8)

NOMINAL MODULE SIZE

1½" (32)

1⅜" (35)

8¾" (212)

7⅛" (22)

2¾" (70)

MATERIAL:
- SHELL - WIPED COAT STEEL
- BLADE ASSY - EXTRUDED ALUMINUM

OPTIONS:
- FF: FIBER FREE FOAM INSULATION
- CF: COATED FIBERGLASS INSULATION
- AFI: EXTERNAL ALUMINUM FOIL BACK INSULATION

MODEL
SLOT WIDTH "B" AVAILABLE INLET SIZE

□ TBD638
¾" SLOT WIDTH
□ 4" (102)
□ 6" (152)
□ 8" (203)

□ TBD675
¾" SLOT WIDTH
□ 6" (152)
□ 8" (203)
□ 10" (254)

NOTE:
INLETS LARGER THAN 4" (102) RND
WILL BE SUPPLIED AS EQUIVALENT
OVALS.
- 6" (152) = 4" x 7" (102 x 172)
- 8" (203) = 4" x 10¾" (102 x 257)
- 10" (254) = 4" x 13¼" (102 x 337)

□ RETURN SECTION
(OPTIONAL, SPECIFY TBDR)

NOTES:
- FACTORY TOLERANCE = ± ⅛" (± 1mm)

FINISH:
- PLENUM FACE & BLADES - B17 BLACK

ALL METRIC DIMENSIONS ( ) ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.
NOTES
• AN INTERNAL ACTUATOR SENSES THE SUPPLY AIR TEMPERATURE AND ADJUSTS THE AIR PATTERN TO SUIT HEATING AND COOLING APPLICATIONS
• SUPPLY AIR TEMPERATURES LESS THAN 69°F (21°C) WILL HAVE A HORIZONTAL COOLING AIR PATTERN, AND SUPPLY AIR TEMPERATURES GREATER THAN 81°F (27°C) WILL HAVE A VERTICAL HEATING AIR PATTERN
• SEE INSTALLATION INSTRUCTION II00053
• FACTORY TOLERANCE ± 1/32”

MATERIAL:
• SHELL - COATED STEEL
• BLADE ASSY - EXTRUDED ALUMINUM

OPTIONS:
☐ FF: FIBER FREE FOAM INSULATION
☐ CF: COATED FIBERGLASS INSULATION
☐ AFI: EXTERNAL ALUMINUM FOIL BACKED INSULATION

FINISH:
• FACE
☐ BFS: BLACK FACE SURFACES
☐ MILL FINISH
• CENTRE TEE
☐ B12 WHITE
☐ B17 BLACK
(OPTIONAL FINISHES AVAILABLE)
• BLADE - B17 BLACK

PROJECT:

ENGINEER: [Signature]
CUSTOMER: [Signature]
SUBMITTAL DATE: 2014/05/06
SPEC. SYMBOL: TBDI6-HC

© Copyright PRICE INDUSTRIES 2014
TBD7, TBDI7 T-BAR SUPPLY DIFFUSERS

**INLET SIZES**

<table>
<thead>
<tr>
<th>Inlet Sizes</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; (152) Round</td>
</tr>
<tr>
<td>8&quot; (203) Round</td>
</tr>
<tr>
<td>10&quot; (254) Oval = 6&quot; x 12 1/16&quot; (152x307)</td>
</tr>
<tr>
<td>12&quot; (305) Oval = 6&quot; x 15 7/32&quot; (152x387)</td>
</tr>
</tbody>
</table>

**STANDARD CONSTRUCTION:**
- Steel Diffuser Section
- Coated Steel Plenum

**OPTIONAL INSULATION (MODEL TBD7):**
- Coated Fiberglass (CF)
- Fiber Free Foam (FF)
- External Foil Faced (AFI)

**FINISH:**
- Exposed Face - B12 White (Optional finishes available)

**FASTENING OPTIONS & ACCESSORIES:**
- ST - Straddle Tee (2-Way Pattern Only)
- CN - Centre Notch (36" / 900mm and Longer)
- STCN - Straddle Tee and Centre Notch
- APF - Aluminum Plaster Frame
- TC1 - T-Bar Clips on Inlet Side
- TC2 - T-Bar Clips on Both Sides

**NOTES:**
- For use with 1" (25) Flat Tee Ceilings
- PLENUM ENDCAPS ARE uninsulated (Options CF, FF)
- Factory Tolerance +/− 1/32" (1)

**MODULE LENGTH:**

<table>
<thead>
<tr>
<th>Module Length</th>
<th>L</th>
</tr>
</thead>
<tbody>
<tr>
<td>24&quot;</td>
<td>23 7/8&quot;</td>
</tr>
<tr>
<td>30&quot;</td>
<td>29 7/8&quot;</td>
</tr>
<tr>
<td>36&quot;</td>
<td>35 7/8&quot;</td>
</tr>
<tr>
<td>48&quot;</td>
<td>47 7/8&quot;</td>
</tr>
<tr>
<td>60&quot;</td>
<td>59 7/8&quot;</td>
</tr>
<tr>
<td>600mm</td>
<td>594</td>
</tr>
<tr>
<td>750mm</td>
<td>744</td>
</tr>
<tr>
<td>900mm</td>
<td>894</td>
</tr>
<tr>
<td>1200mm</td>
<td>1194</td>
</tr>
<tr>
<td>1500mm</td>
<td>1494</td>
</tr>
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</table>

**PROJECT:**

TBD7, TBDI7 T-BAR SUPPLY DIFFUSER

**ENGINEER:**

[Signature]

252782

**CUSTOMER:**

[Signature]

**SUBMITTAL DATE:**

2015/09/22

**SPEC. SYMBOL:**

© Copyright PRICE INDUSTRIES 2015
### TBD7, TBDI7 T-BAR SUPPLY DIFFUSERS

<table>
<thead>
<tr>
<th>Pattern</th>
<th>Description</th>
<th>Slots</th>
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<tbody>
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<tr>
<td>1W-A</td>
<td></td>
<td>1-4</td>
</tr>
<tr>
<td>2W-1N</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>2W-1N</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>2W-3N</td>
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<tr>
<td>2W-1N</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>2W-2N</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>2W-3N</td>
<td></td>
<td>4</td>
</tr>
</tbody>
</table>

All metric dimensions () are soft converted. Imperial dimensions are converted to metric and rounded to the nearest millimeter.

**Project:** TBD7, TBDI7

**Engineer:** TBD7, TBDI7 T-BAR SUPPLY DIFFUSER

**Customer:** 252782

**Submittal Date:** 2015/09/22

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TBR7, TBR17 T-BAR RETURN DIFFUSERS

Module Length | L
---|---
24" | 23\(\frac{3}{4}\)"
30" | 29\(\frac{3}{4}\)"
36" | 35\(\frac{3}{4}\)"
48" | 47\(\frac{3}{4}\)"
60" | 59\(\frac{3}{4}\)"
600mm (594) |
750mm (744) |
900mm (894) |
1200mm (1194) |
1500mm (1494) |

STANDARD CONSTRUCTION:
- STEEL DIFFUSER SECTION
- COATED STEEL PLENUM

OPTIONAL INSULATION (MODEL TBR7):
- COATED FIBERGLASS (CF)
- FIBER FREE FOAM (FF)

FINISH:
- EXPOSED FACE - B12 WHITE
  (OPTIONAL FINISHES AVAILABLE)

FASTENING OPTIONS & ACCESSORIES:
- ST - STRADDLE TEE (2-WAY PATTERN ONLY)
- CN - CENTRE NOTCH (36" / 900mm AND LONGER)
- STCN - STRADDLE TEE AND CENTRE NOTCH
- APF - ALUMINUM PLASTER FRAME
- TC1 - T-BAR CLIPS ON INLET SIDE
- TC2 - T-BAR CLIPS ON BOTH SIDES

NOTES:
- FOR USE WITH 1" (25) FLAT TEE CEILINGS
- TBR17 IS INSULATED ON TOP PANEL ONLY
- FACTORY TOLERANCE +/- 1/32" (1)

ALL METRIC DIMENSIONS ( ) ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:

ENGINEER:

CUSTOMER:

SUBMITTAL DATE: 2009/08/05

SPEC. SYMBOL: TBR7, TBR17

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TBR7, TBR17 T-BAR RETURN DIFFUSERS

- 1W-N Pattern
  - 1 to 4 slots

- 1W-A Pattern
  - 1 to 4 slots

- 2W-1N Pattern
  - 2 slot

- 2W-1N Pattern
  - 3 slot

- 2W-2N Pattern
  - 3 slot

- 2W-2N Pattern
  - 4 slot

- 2W-3N Pattern
  - 4 slot

All metric dimensions (mm) are soft converted, imperial dimensions are converted to metric and rounded to the nearest millimeter.

PROJECT:

ENGINEER: TBR7, TBR17 T-BAR RETURN DIFFUSER

CUSTOMER: 252783

SUBMITTAL DATE: 2009/08/05

SPEC. SYMBOL: 2009/08/05

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SHEET 2 OF 2 REV. 0
TBD,TBDI 8 T-BAR SUPPLY DIFFUSER

**IMPERIAL SCHEDULE (INCH)**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>MODULE LENGTH</th>
<th>1 SLOT</th>
<th>2 SLOT</th>
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<td></td>
<td></td>
<td>H</td>
<td>D</td>
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<tr>
<td>1/2&quot; SLOT</td>
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<td>6'5/8</td>
<td>5</td>
</tr>
<tr>
<td>TDB 850</td>
<td>30</td>
<td>6'5/8</td>
<td>5</td>
</tr>
<tr>
<td>TBDI 850</td>
<td>48</td>
<td>9'5/8</td>
<td>6</td>
</tr>
<tr>
<td>TDB 875</td>
<td>60</td>
<td>10'3/8</td>
<td>7</td>
</tr>
<tr>
<td>3/4&quot; SLOT</td>
<td>24</td>
<td>6'5/8</td>
<td>5</td>
</tr>
<tr>
<td>TDB 875</td>
<td>30</td>
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<td>5</td>
</tr>
<tr>
<td>TDBI 875</td>
<td>48</td>
<td>9'5/8</td>
<td>6</td>
</tr>
<tr>
<td>TDB 8100</td>
<td>60</td>
<td>10'7/8</td>
<td>7</td>
</tr>
<tr>
<td>1&quot; SLOT</td>
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<td>7</td>
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<tr>
<td></td>
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**METRIC SCHEDULE (mm)**

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<td>D</td>
</tr>
<tr>
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<td>127</td>
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<tr>
<td>TDB 850</td>
<td>750</td>
<td>162</td>
<td>127</td>
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<td>TBDI 850</td>
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<tr>
<td>TDBI 875</td>
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<tr>
<td></td>
<td>1500</td>
<td>279</td>
<td>203</td>
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</tbody>
</table>

* SUPPLIED AS EQUIVALENT OVAL

**MATERIAL:**
- SHELL: COATED STEEL
- PATTERN CONTROLLER/CENTER TEE: EXTRUDED ALUMINUM

**FINISH:**
- SHELL: MILL
- PATTERN CONTROLLER: B17 BLACK
- CENTER TEE: B12 WHITE (OPTIONAL FINISHES AVAILABLE)

**FACTORY TOLERANCE:** ±1/16" (1)

**NOTE:** REFERENCE OF STD. TEE TO FIT CENTER NOTCH

**ALL METRIC DIMENSIONS ( ) ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.**

**PROJECT:**

**ENGINEER:**

**CUSTOMER:**

**SUBMITTAL DATE:**

**SPEC. SYMBOL:**

© Copyright E.H.PRICE LIMITED 1997
## TBD, TBDI 8 STRADDLE MOUNTING SUPPLY DIFFUSER

### Imperial Schedule (inch)

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<thead>
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<th>Model</th>
<th>Module Length</th>
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<th>D</th>
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<td></td>
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<tr>
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<td>48</td>
<td>6</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>1&quot; Slot</td>
<td>24</td>
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<td></td>
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<td>11</td>
<td>8</td>
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### Metric Schedule (mm)

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<tr>
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<th>W</th>
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<tbody>
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<td>TBDI 850</td>
<td>1200</td>
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<tr>
<td>(19) Slot</td>
<td>600</td>
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<td>127</td>
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<tr>
<td>TBD 875</td>
<td>750</td>
<td>238</td>
<td>152</td>
<td></td>
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<tr>
<td>TBDI 875</td>
<td>1200</td>
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<td>152</td>
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<tr>
<td>(25) Slot</td>
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<tr>
<td>TBDI 8100</td>
<td>1500</td>
<td>279</td>
<td>203</td>
<td></td>
</tr>
</tbody>
</table>

### Materials:
- Shell: Coated Steel
- Pattern Controller: Extruded Aluminum
- Factory Tolerance: ± 1/32" (1)

### Finish:
- Shell: Mill
- Pattern Controller: B17 Black

### TB Details
- TB1—Factory Installed T-Bars on Inlet Side
- TB2—Factory Installed T-Bars on Both Sides

### Straddle Detail
- Model TBD8/ST Straddles a Std. T-Bar Supplied by Others
- Optional: Centre Notch (CN)

---

**Project:**

**Engineer:**

**Customer:**

**Submittal Date:**

**Spec. Symbol:**

**Copyright:** E.H.Price Limited 2002

---

**TBD8, TBDI8/ST**

2 Slot T-Bar Supply Diffuser

C/W Straddle Mounting

C/W TB1 and TB2 Options

**REV B**
### TBR8 T-BAR RETURN DIFFUSER

#### imperial / (metric) schedule

<table>
<thead>
<tr>
<th>MODEL</th>
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<th>metric</th>
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<th>2 slot W</th>
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<td>1 1/4 (32)</td>
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<tr>
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<td></td>
<td></td>
</tr>
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<td></td>
<td>60 (1524)</td>
<td>1500</td>
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<td></td>
</tr>
<tr>
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<td>30 (762)</td>
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<td></td>
</tr>
<tr>
<td>TBRI 875</td>
<td>48 (1219)</td>
<td>1200</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>60 (1524)</td>
<td>1500</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1&quot; (25) SLOT</td>
<td>24 (610)</td>
<td>600</td>
<td>1 3/4 (44)</td>
<td>3 1/2 (89)</td>
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<td>30 (762)</td>
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<tr>
<td>TBRI 8100</td>
<td>48 (1219)</td>
<td>1200</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>60 (1524)</td>
<td>1500</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Options:
- ON CENTER NOTCH
- T1 ONE OUTSIDE T-BAR ON INLET SIDE
- TB2 OUTSIDE T-BARS ON BOTH SIDES
- APF ALUMINUM PLASTER FRAME
- FF: FIBER FREE FOAM INSULATION
- CF: COATED FIBERGLASS INSULATION

#### Material:
- SHELL: COATED STEEL
- CENTER T: EXTRUDED ALUMINUM

#### Finish:
- SHELL: MILL
- CENTRE T:
  - B12 WHITE
    - (OPTIONAL FINISHES AVAILABLE)
  - FACTORY TOLERANCE: ±1/32" (1)

---

**Project:**

**Engineer:**

**Customer:**

**Submit Date:**

**Spec Symbol:**

**Sheet 1 of 1**

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TBR, TBRI & STRADDLE MOUNTING RETURN DIFFUSER

IMPERIAL / (METRIC) SCHEDULE

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<thead>
<tr>
<th>MODEL</th>
<th>Module Length Imperial</th>
<th>Module Length Metric</th>
<th>2 Slot W</th>
</tr>
</thead>
<tbody>
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<td>24 (610)</td>
<td>600</td>
<td>2½&quot; (67)</td>
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<tr>
<td>□ TBR 850</td>
<td>30 (762)</td>
<td>750</td>
<td></td>
</tr>
<tr>
<td>□ TBRI 850</td>
<td>48 (1219)</td>
<td>1200</td>
<td></td>
</tr>
<tr>
<td></td>
<td>60 (1524)</td>
<td>1500</td>
<td></td>
</tr>
<tr>
<td>⅜&quot; (19) Slot</td>
<td>24 (610)</td>
<td>600</td>
<td>3½&quot; (79)</td>
</tr>
<tr>
<td>□ TBR 875</td>
<td>30 (762)</td>
<td>750</td>
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</tr>
<tr>
<td>□ TBRI 875</td>
<td>48 (1219)</td>
<td>1200</td>
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<tr>
<td></td>
<td>60 (1524)</td>
<td>1500</td>
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<tr>
<td>1&quot; (25) Slot</td>
<td>24 (610)</td>
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<tr>
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<td>60 (1524)</td>
<td>1500</td>
<td></td>
</tr>
</tbody>
</table>

MATERIAL:
- SHELL: COATED STEEL
- INSULATION: ½" INTERNAL ON TBRI

FINISH:
- SHELL: MILL

FACTORY TOLERANCE: ±½" (1)

MODEL TBR8/ST STRADDLES A STD. T-BAR SUPPLIED BY OTHERS

ALL METRIC DIMENSIONS ( ) ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:

ENGINEER:

CUSTOMER:

SUBMITTAL DATE: SPEC. SYMBOL: MAR. 2004

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TBD, TBR 3,4,8 SERIES INTEGRAL OPTIONS

FACTORY INSTALLED T-BARS
□ TB1 ONE ON INLET SIDE
□ TB2 BOTH SIDES

FINISH:
□ B12 WHITE
(Optional finishes available)

TYPICAL T-BAR CROSS SECTIONS

TEE BAR HEIGHT WILL VARY DEPENDING ON THE TBD MODEL SUPPLIED

FACTORY INSTALLED T-BAR CLIPS
□ TC1 TWO ON INLET SIDE
□ TC2 TWO ON BOTH SIDES

STANDARD T

CEILING T-BARS BY OTHERS

ALL METRIC DIMENSIONS ( ) ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT: TBD, TBR

ENGINEER: KL

CUSTOMER: 219142

SUBMITTAL DATE: MAY 97

SPEC. SYMBOL: 3, 4, 8, SERIES INTEGRAL OPTIONS

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REV B
TBD(I)3 - PLENUM FACE FINISH OPTIONS (CANADA)

- **OPTION NFMF - NARROW FLANGE, MILL FINISH**
  - MILL FINISH PLENUM FACE
  - NOT AVAILABLE ON STYLE 17 DIFFUSERS

- **OPTION NFBFS - NARROW FLANGE, BLACK FACE**
  - FACE SURFACES OF PLENUM PAINTED BLACK
  - NOT AVAILABLE ON STYLE 17 DIFFUSERS

- **OPTION BFS - BLACK FACE SURFACES**
  - FACE SURFACES OF PLENUM PAINTED BLACK

---

**PROJECT:**

**ENGINEER:**

**CUSTOMER:**

**SUBMITTAL DATE:**

**SPEC. SYMBOL:**

**TBD(I)3**

FACE FINISH OPTIONS FOR CANADA

250395

NOV. 2008

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