CUSTOM APPLICATIONS AND SPECIAL ENCLOSURES
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Vulcan, the leader in the industry with the most diverse and complete line of finned tube products, is also the best choice for custom finned tube applications. With its top-notch engineering staff and experienced customer service support, Vulcan is the number one choice of architects, building owners and design engineers across North America.

The following is just a small sample of Vulcan’s custom enclosures over the last 70 years. Contact Vulcan today for help with your special applications – limited only by your imagination.

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NOTES:

1. SEE 78274 FOR ISOMETRIC VIEWS.

2. UNLESS OTHERWISE SPECIFIED
   FASTENERS ARE BY OTHERS.

3. ALL ACCESSORIES MUST BE INSTALLED
   PRIOR TO INSTALLING THE ENCLOSURES.

4. 5' 11" SEE DWG 79491

5. 5' SEE DWG 79492
5' 1" SEE DWG 79493
4' 11" SEE DWG 79494
4' 6" SEE DWG 79495
4' 3" SEE DWG 79496
2' 10 3/4" SEE DWG 79497
1' 10" SEE DWG 80780

5. 5' 2", 5' 1/2" & 4' 3 1/2" SEE DWG 79503
1' 11 1/2" & 1' 7 1/2" SEE DWG 79504
NOTES:
1. SEE 78273 FOR SECTION VIEW.
2. UNLESS OTHERWISE SPECIFIED FASTENERS ARE BY OTHERS.
NOTES:

1. STANDARD GRILLE LENGTHS ARE 1'-8' IN 6" INCREMENTS.

2. SLIDE LOCKS (ITEM 3) ARE SHIPPED LOOSE AND FIELD INSTALLED.
NOTES:

1. ITEM 3, REAR ENCLOSURE, HAS PRE-PUNCHED HOLES ON 18" CENTERS.

2. UNLESS OTHERWISE SPECIFIED FASTENERS ARE BY OTHERS.
Water Rating:
400 Btu/lin ft/hr
150°F. Average Water
65°F. Entering Air

NOTES:
1. UNLESS OTHERWISE SPECIFIED
   FASTENERS ARE BY OTHERS.
2. STANDARD LENGTHS 73369
   © SPECIAL LENGTHS 79172
NOTES:

1. UNLESS OTHERWISE SPECIFIED FASTENERS ARE BY OTHERS.

2. SEE DRAWING 86976 FOR ISOMETRIC INSTALLATION VIEWS.
1. UNLESS OTHERWISE SPECIFIED FASTENERS ARE BY OTHERS.

2. INSTALL HANGER STRIP FIRST, ENSURE HARDWARE PLACEMENT WILL NOT INTERFERE WITH THE LOCATION OF MULLION SUPPORTS.

3. SECURE MULLION SUPPORTS TOP TO WALL THROUGH HANGER STRIP AND SECURE BOTTOM TO TOE KICK ASSEMBLY.

4. ENGAGE BACK FLANGE ON TOP ASSEMBLY TO HANGER STRIP. USE PRE-PUNCHED HOLES IN MULLION SUPPORTS TO SECURE TOP ASSEMBLY.

5. INSERT TOP OFFSET OF FRONT PANEL INTO SLOT IN TOP PANEL AND SLIDE BOTTOM ONTO MULLION SUPPORTS. ONCE INSTALLED, MAKE FRONT PANEL AND MULLION SUPPORTS FLUSH AND INSERT ENCLOSURE LOCK THROUGH SLOTS IN SIDE FLANGES ON FRONT PANEL AND MULLIONS.

6. SEE DRAWING 86975 FOR INSTALLATION SECTION VIEW.
NOTES:
1. ENCLOSURE IS SLIP JOINTED.
2. UNLESS OTHERWISE SPECIFIED FASTENERS ARE BY OTHERS.
NOTES:

1. ENCLOSURE IS SLIP JOINTED.
2. UNLESS OTHERWISE SPECIFIED FASTENERS ARE BY OTHERS.
3. SEE DRAWING 77910 FOR FRONT & TOP VIEWS AND MULLION SUPPORTS.
NOTES:

1. ENCLOSURE IS NOT SLIP JOINTED.

2. UNLESS OTHERWISE SPECIFIED FASTENERS ARE BY OTHERS.

3. ITEM 7 IS ALTERNATE FLOOR ANGLE. NOT SHOWN ABOVE.

4. 3/4 COPPER RETURN PIPING SHOWN IS BY OTHERS.
NOTES:

1. ENCLOSURE IS SLIP JOINTED.

2. UNLESS OTHERWISE SPECIFIED FASTENERS ARE BY OTHERS.

3. FOR PLAN VIEW OF ENCLOSURE SEE DRAWING 85483.
NOTES:

1. FOR ENCLOSURE SECTION VIEW
   SEE DRAWING 85482.

2. ENCLOSURE LENGTH: 12" MINIMUM
   AND 96" MAXIMUM.

3. 6" WALL SLEEVE ACCESSORIES
   ARE OVERLAPPING.
ACCESSORIES: (16 GAUGE FLUSH FIT)
CENTER MULLION 81955 ©
END MULLION 81957 ©
END MULLION SUPPORT 81959 ©

SECTION THRU ENCLOSURE

NOTES:

1. ENCLOSURE IS NOT SLIP JOINTED.
2. UNLESS OTHERWISE SPECIFIED FASTENERS ARE TAMPER RESISTANT #10 S/S SPANNERHEAD BY KAGAN & CLINTON.
3. ENCLOSURE AND MULLION SHOWN SEPARATELY ABOVE FOR CLARITY.
4. ENCLOSURES ARE 16 GAUGE BASE ANGLES ARE 14 GAUGE
5. SEE 80972 FOR ISO VIEWS.
**NOTES:**

1. ENCLOSURE IS NOT SLIP JOINTED.
2. UNLESS OTHERWISE SPECIFIED
   - FASTENERS ARE TAMPER RESISTANT
   - #10 S/S SPANNERHEAD BY KAGAN & CLINTON.
3. SEE DRAWING 80964 FOR SECTION VIEWS.
NOTES:

1. ENCLOSURE IS SLIP JOINTED.

2. UNLESS OTHERWISE SPECIFIED
   FASTENERS ARE BY OTHERS.

3. FOR CURVED ENCLOSURE PLAN
   VIEW SEE DRAWING 88259.

4. 3/4 COPPER RETURN PIPING
   SHOWN IS BY OTHERS.

5. FOR 8' CURVED ELEMENT SEE
   DwG 88779. FOR 5' CURVED
   ELEMENT SEE DwG 88780.
   FOR STRAIGHT ELEMENT SEE
   DwG 21859.

6. FOR 5' CURVED ENCLOSURE SEE
   DwG 88781. FOR 3' CURVED
   ENCLOSURE SEE DwG 88787.
   FOR STRAIGHT ENCLOSURE SEE
   DwG 88793.
NOTES:
1. FOR CURVED ENCLOSURE SECTION VIEW SEE DRAWING 88258.
2. ENCLOSURE LENGTHS ARE MEASURED AT CENTER LINE OF ENCLOSURE.
DETAIL 5/5.18

TYPE 5

NOTES:

1. ENCLOSURE IS SLIP JOINTED.

2. UNLESS OTHERWISE SPECIFIED
   FASTENERS ARE BY OTHERS.

3. ACCESSORIES DO NOT OVERLAP
   © SILL EXTENSION.

4. ALTERNATE 1/2 x 5' SILL
   © EXTENSION, DRAWING 89295.
   ALTERNATE 1/2 x 5 1/2 SILL
   EXTENSION, DRAWING 89296.
NOTES:

1. ENCLOSURE IS SLIP JOINTED.

2. UNLESS OTHERWISE SPECIFIED FASTENERS ARE BY OTHERS.

3. FOR PLAN VIEW AT CURVED WALLS SEE DRAWING 86122.

4. STRAIGHT ENCLOSURE - CURVED ENCLOSURE - 87299

5. STRAIGHT ELEMENT - 21864 CURVED ELEMENT - 87306
NOTES:

1. TYPICAL SEGMENT SHOWN FOR SEATING AREAS 101E & 101I. 6 SEGMENTS TOTAL.

2. END CAPS OVERLAP ENCLOSURE BY APPROXIMATELY 1".

3. FOR ENCLOSURE SECTION VIEW SEE DRAWING 86121.
ACCESSORIES: (OVERLAPPING)
- 4" WALL SLEEVE 85454-001
- 6" WALL SLEEVE 85454-002
- 12" WALL SLEEVE 85454-003
- 3" END CAP 87783
- 90° INSIDE CORNER 87786
- 12" END CAP 88753

OPTITIONAL FLOOR ANGLE

PERFORATION DETAIL
IPA 113, 1/8 HOLE ON 3/16 STAGGERED CENTERS

NOTES:
1. ENCLOSURE IS SLIP JOINTED.
2. UNLESS OTHERWISE SPECIFIED, FASTENERS ARE BY OTHERS.
3. ADJUST ITEM 3 AS NECESSARY TO SUPPORT ENCLOSURE.
4. -

4/16 TYP

3/16 TYP

3/16 TYP

3/16 TYP

Vulcan Hydronic Products
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NOTES:

1. ENCLOSURE IS SLIP JOINTED.

2. UNLESS OTHERWISE SPECIFIED, FASTENERS ARE BY OTHERS.

3. ACCESSORIES DO NOT OVERLAP SILL EXTENSION.

4. ALTERNATE 1/2 x 5' SILL EXTENSION. DRAWING 89295.
HANGER STRIP
CUT TO 60 1/2" AND
CENTER ON WALL.

3" END MULLION SUPPORTS
REST ON TOP OF HANGER
STRIP. THE TOP AND BOTTOM
SURFACES SHOULD BE APPROX
1/8" FROM BACK WALL.
USE NOTCHES IN FLANGES AS A
GUIDE AND SECURE TO WALL TYPICAL.

3" END MULLION
INSERT BACK FLANGE
INTO HANGER STRIP, 1/2"
FLANGE SITS ON MULLION
SUPPORT, LEAVE 1/2"
BETWEEN WALL AND MULLION,
SECURE TO WALL AT BOTTOM.

5" CENTER MULLION
INSERT BACK FLANGE
INTO HANGER STRIP,
SECURE TO WALL AT BOTTOM.

NOTE:
1. SEE DRAWING 86117 FOR
   TOP, FRONT & SIDE VIEWS.
   SEE DRAWING 86119 FOR
   ENCLOSURE INSTALLATION ISO.
NOTES:

1. UNLESS OTHERWISE SPECIFIED
   FASTENERS ARE BY OTHERS.

2. ITEM 1 HANGER STRIP NOT SHOWN
   IN FRONT AND TOP VIEWS FOR CLARITY.

3. SEE DRAWING 86118 FOR MULLION INSTALLATION.

4. SEE DRAWING 86119 FOR ENCLOSURE INSTALLATION.

5. ITEM 6 5' CENTER MULLION ASS'Y HAS INTERNAL
   GUSSET FOR ADDITIONAL SUPPORT.
NOTES:
1. ENCLOSURE IS NOT SLIP JOINTED.
2. UNLESS OTHERWISE SPECIFIED
   FASTENERS ARE BY OTHERS.
3. ENCLOSURE AND ACCESSORY SHOWN
   SEPARATELY ABOVE FOR CLARITY.
4. ISOEROMIC ROOM LAYOUT SEE
   DWG 81512.
1. SECTION VIEW SEE DWG 81511.
2. UNLESS OTHERWISE SPECIFIED
   FASTENERS ARE BY OTHERS.