# TRANE PRODUCT GUIDE

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1831 Barnett Drive
Weatherford, TX 76086
Fax: 334-252-8439
(Sales / Engineering / Purchasing)

Northeast Plant
111 Peninsula St.
Wheeling, WV 26003
All sales by AES Industries, Inc. are made subject to the standard terms and conditions of sale. Terms and conditions appearing in the buyer’s purchase order that are contrary to the following terms and conditions shall not be binding unless specifically agreed to in writing.

CREDIT APPROVAL: All orders require credit approval prior to acceptance. To establish credit, the customer must complete our credit application and mail the signed original to our office before we can process any orders.

PAYMENT TERMS: Unless otherwise stated, are 2% / 10 days / net 30. Interest at the rate of one and one half percent (1-1/2 %) per month which is eighteen percent (18%) per annum will be added to all invoices which have been billed thirty days or more. Orders (45) days past due will be placed on credit hold. Should AES Industries, Inc., at its discretion, secure or collect amounts due through legal action including filing or serving mechanics’ and materialmen’s lien(s), customer will pay all legal costs including reasonable attorney’s fees.

MINIMUM ORDER: The minimum order charge applies to each separate product line. This includes purchase orders containing one or more product lines. Purchase orders containing more than one product line will not necessarily ship together. Large orders will be shipped in two (2) or more shipments if necessary. Orders may be requested to be shipped on a joint check bases when credit is required. Minimum order amount $40.00.

CANCELLATIONS: Orders that have been entered into the system that are canceled before fabrication will be charged a minimum of $25.00. Orders that are canceled after fabrication * has begun will be charged $50.00 plus 75% - 100% of the invoice amount depending upon the degree of completion.

ORDER CHARGES: Orders that have been entered into the system that are changed before fabrication has begun will be charged a minimum of $25.00. Orders that have been entered into the system that are changed after fabrication * has begun will be charged $50.00 plus 75% - 100% of the invoice amount of any item affected by the change depending upon the degree of completion.

PRODUCT CHANGES: Factors beyond AES’ control and continuing improvement of products, may require the changing of products from time to time. AES reserves the right to make reasonable changes of any kind in products without notice, and to deliver revised designs of products on any order. AES shall have no responsibility with respect to changes made in products sold but not manufactured by AES Industries, Inc. All dimensions and/or prices are subject to change without notice.

RETURNS: Goods may not be returned for credit unless and until AES has agreed in writing to accept them and the amount of credit has been predetermined. If goods are accepted for return, a restocking charge of 25% will be assessed for handling. All transportation costs for returned goods must be paid by the buyer.

STORAGE: AES Industries Inc. does not provide or maintain storage facilities. All charges and expenses incurred with delay in manufacturing or delivery of goods due to causes within the buyers control are the responsibility of the buyer.

FREIGHT AND DELIVERY: All shipments are F.O.B. shipping point unless AES Industries, Inc. agrees to other arrangements. Cosigners are responsible for filing freight claims. Shipping dates are approximate. AES Industries, Inc. assumes no responsibilities for delays by common carrier nor any liability for liquidated damages or penalty because of failure to ship as scheduled, unless specifically agreed to in writing. Delivery to initial carrier constitutes delivery to the buyer. AES Industries, Inc. responsibility ceases upon delivery in good order to such carrier, and all goods are shipped at buyers risk. Any shipping weights given herein or freight costs estimated upon quotation are approximate, for the buyers’ convenience only and are not guaranteed by AES Industries, Inc. Any shipments which require prior notification before delivery will be charged $25.00 for order full freight allowed or will have an additional charge of freight bill supplied by the carrier. All COD orders will be added to the costs of products being shipped. Minimum freight charge for all orders - $25.00.

QUALIFICATION OF QUOTATIONS: We do not make quotations stating: “1 lot per plans and specifications for $xx.xx”. We do not do take offs from job plans nor guarantee compliance with job specifications.

WHAT WE DO IS: Make quotations specifically listing (A) quantities, (B) sizes, description of products offered, (D) unit and/or total prices as requested. Any agent making quotations other than described above must bear all responsibilities for such quotes.

STANDARD LEAD TIME: 10 Days
EXPRESS PROGRAMS: 7 Day Express - 10% x NET
5 Day Express - 20% x NET
3 Day Express - 30% x NET

Note: AES will notify customer within 24 hours after receipt of purchase order if express is not available.

*All AES Industries, Inc. products are fabricated to each customers specific order. Once material has been cut it is considered unusable for future orders.
How to Order

**IF YOU NEED A QUOTE...**

First, locate the particular unit in the catalog, then,

- Print information relative to job
- Fax to our Sales Office at 334-283-5447 (Please be sure to include your name and phone number)

**IF YOU ARE ORDERING A STANDARD ITEM FROM THE CATALOG...**

Send us your Purchase Order

- Include model number, description, and quote number (refer to pg. 59 for model nomenclature)
- Include full shipping address

You may fax your P.O. to our Sales Office at 334-283-5447
**Model ARC-6**

Non-insulated curb used for HVAC equipment on insulated roof deck.
Standard construction includes Supply and Return rails.

**Standard Construction**
- 18ga. Galvanized Steel Construction
- Full Height Welded Corners
- Factory Installed 1x4 Pressure Treated Nailer
- 14” Height, No Slope
- 1” x 1/4” thick Neoprene Gasket

**TCC/WCC/YCC 018-060 IMPACK**

**MODEL ARC-6**
**TYPICAL SECTION**

Also shown in this catalog:
- Insulated Curb - Model ARC-3 (page 13)
- Metal Roof Curb - Model AMBC-1 (page 52)
- Isolation Rail Systems (page 43)

**Optional Construction**
- Heavier Gauge Construction
- Knock-Down Curb - Model ARC-5
- Height or Slope as Required
- 1” Rigid Insulation on Exterior

**Check all that apply**

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Roof Curbs

Customer__________________________________ Project________________________________
Ship To__________________________________ P.O. Number________________________________
______________________________________________ Approved By________________________________

Model ARC-6
Non-insulated curb used for HVAC equipment on insulated roof deck. Standard construction includes Supply and Return rails.

Standard Construction
18ga. Galvanized Steel Construction
Full Height Welded Corners
Factory Installed 1x4 Pressure Treated Nailer
14” Height, No Slope
1” x 1/4” thick Neoprene Gasket

TSC/WSC/YSC 036-120
PRECEDENT

Slope Detail

Optional Construction
☐ Heavier Gauge Construction
☐ Knock-Down Curb - Model ARC-5
☐ Height or Slope as Required
☐ 1” Rigid Insulation on Exterior

check all that apply

MODEL ARC-6
TYPICAL SECTION

Also shown in this catalog:
Insulated Curb - Model ARC-3 (page 14)
Metal Roof Curb - Model AMBC-1 (page 53)
Noise Control Curb - Model ANCC-1 (page 44)
Isolation Rail Systems (page 43)

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Also shown in this catalog:
Non-insulated curb used for HVAC equipment on insulated roof deck.
Standard construction includes Supply and Return rails.
Model ARC-6

Non-insulated curb used for HVAC equipment on insulated roof deck. Standard construction includes Supply and Return rails.

Standard Construction
18ga. Galvanized Steel Construction
Full Height Welded Corners
Factory Installed 1x4 Pressure
Treated Nailer
14" Height, No Slope
1" x 1/4" thick Neoprene Gasket

TCD/WCD/YCD 150D-301 VOYAGER

TYPICAL SECTION

MODEL ARC-6

Also shown in this catalog:
Insulated Curb - Model ARC-3 (page 15)
Metal Roof Curb - Model AMBC-1 (page 54)
Noise Control Curb - Model ANCC-1 (page 45)
Isolation Rail Systems (page 43)

Optional Construction

- Heavier Gauge Construction
- Knock-Down Curb - Model ARC-5
- Height or Slope as Required
- 1" Rigid Insulation on Exterior

check all that apply

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Roof Curbs

Customer_________________ Project_________________
Ship To_________________ P.O. Number_________________
_________________________________________________
Approved By________________

Model ARC-6

Non-insulated curb used for HVAC equipment on insulated roof deck.
Standard construction includes Supply and Return rails.

Standard Construction

18ga. Galvanized Steel Construction
Full Height Welded Corners
Factory Installed 1x4 Pressure Treated Nailer
14" Height, No Slope
1" x 1/4" thick Neoprene Gasket

TCD/YCD 330-600
VOYAGER

Slope Detail

Also shown in this catalog:
Insulated Curb - Model ARC-3 (page 16)
Noise Control Curb - Model ANCC-1 (page 46)
Return Air Plenum - Model APC-1 (page 30)
Isolation Rail Systems (page 43)

Optional Construction

☐ Heavier Gauge Construction
☐ Knock-Down Curb - Model ARC-5
☐ Height or Slope as required
☐ 1" Rigid Insulation on Exterior
☐ 1 Piece Construction

check all that apply

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SAHF C20-C75
INTELLIPAK
See page 11 for dimensional chart.

MODEL ARC-6
TYPICAL SECTION

Also shown in this catalog:
Insulated Curb - Model ARC-3 (page 17)
Return Air Plenum - Model APC-1 (pages 31,33)
Full Perimeter Curb - (pages 20,24)
Isolation Rail Systems (page 43)
Model **ARC-6**

Non-insulated curb used for HVAC equipment on insulated roof deck. Standard construction includes Supply and Return rails.

**S*HF C20-C75 INTELLIPAK**

* = E, F, L, S, X

See page 11 for dimensional chart.

**Standard Construction**

14ga. Galvanized Steel Construction
18 ga. Bottom in Return Plenum
Full Height Welded Corners
2-3 Curb Sections for Field Assy
2" Leveling Rails in Return Section
Factory Installed 1x4 Pressure Treated Nailer
14" Height, No Slope
1" x 1/4" thick Neoprene Gasket

**Optional Construction**

- Heavier Gauge Construction
- Knock-Down Curb - Model **ARC-5**
- Height or Slope as required
- 1" Rigid Insulation on Exterior
- 1 Piece Construction

**Also shown in this catalog:**

- Insulated Curb - Model ARC-3 (page 18)
- Return Air Plenum - Model APC-1 (pages 32,34)
- Full Perimeter Curb - (pages 21,25)
- Isolation Rail Systems (page 43)

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**MODEL ARC-6 TYPICAL SECTION**

14ga. Galvanized Curb
1x4 Wood Nailer
24
28 5/8
1 13/16
14

**Check all that apply**
DIMENSIONAL CHARTS for SAHF and S*HF C20-C75
INTELLIPAK CURBS

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* “F” Dimension is 29 1/8” on SEHF (Units with electric heat).
** “G” Dimension is 66” on SEHF (Units with electric heat).
**Model ARC-6**

Non-insulated curb used for HVAC equipment on insulated roof deck. Standard construction includes Supply and Return rails.

**SXHG C90-D130 INTELLIPAK**

Standard Construction
- 14ga. Galvanized Steel Construction
- 18 ga. Bottom in Return Plenum
- Full Height Welded Corners
- 3 Curb Sections for Field Assy
- 2" Leveling Rails in Return Section
- Factory Installed 1x4 Pressure Treated Nailer
- 14" Height, No Slope
- 1" x 1/4" thick Neoprene Gasket

Optional Construction
- Heavier Gauge Construction
- Knock-Down Curb - **Model ARC-5**
- Height or Slope as required
- 1" Rigid Insulation on Exterior
- 1 Piece Construction
- Return Air Plenum

**Also shown in this catalog:**
- Insulated Curb - Model ARC-3 (page 19)
- Full Perimeter Curb - (pages 23,26)
- Isolation Rail Systems (page 43)
Roof Curbs

Customer: ___________________ Project: ___________________
Ship To: ___________________ P.O. Number: _________________
____________________________ Approved By: _______________

Model ARC-3
Insulated curb (self-flashing) for single-ply roofing.

Standard Construction

18ga. Galvanized Steel Construction
1 1/2” thick 3 lb. density Fiberglass Insulation
Full Height Mitered and Welded Corners
Factory Installed 2x2 Pressure Treated Nailer
14” Height, No Slope

TCC/WCC/YCC 018-060
IMPACK

This rail used on YCC 018-036F-L
TCC/WCC 018-042F models only

Slope Detail

Non-Insulated Curb - Model ARC-6 (page 5)
Metal Roof Curb - Model AMBC-1 (page 54)
Isolation Rail Systems (page 43)

TYPICAL SECTION

Optional Construction

☐ Heavier Gauge Construction
☐ Height or Slope as Required
☐ 20ga. Liner
☐ .063 Aluminum Construction

cHECK ALL THAT APPLY

Also shown in this catalog:

Non-Insulated Curb - Model ARC-6 (page 5)
Metal Roof Curb - Model AMBC-1 (page 54)
Isolation Rail Systems (page 43)

MODEL ARC-3

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COPYRIGHT 2003 AES INC.
Model ARC-3

Insulated curb (self-flashing) for single-ply roofing.

Standard Construction
18ga. Galvanized Steel Construction
1 1/2" thick 3 lb. density Fiberglass Insulation
Full Height Mitered and Welded Corners
Factory Installed 2x2 Pressure Treated Nailer
14" Height, No Slope

TSC/WSC/YSC 036-120
PRECEDENT

Optional Construction

- Heavier Gauge Construction
- Height or Slope as Required
- 20ga. Liner
- .063 Aluminum Construction

Also shown in this catalog:
Non-Insulated Curb - Model ARC-6 (page 6)
Metal Roof Curb - Model AMBC-1 (page 53)
Noise Control Curb - Model ANCC-1 (page 44)
Isolation Rail Systems (page 43)

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### Standard Construction

- 18ga. Galvanized Steel Construction
- 1 1/2" thick 3 lb. density Fiberglass Insulation
- Full Height Mitered and Welded Corners
- Factory Installed 2x2 Pressure Treated Nailer
- 14" Height, No Slope

### Optional Construction

- Heavier Gauge Construction
- Height or Slope as Required
- 20ga. Liner
- .063 Aluminum Construction

![MODEL ARC-3 TYPICAL SECTION](image)

### Also shown in this catalog:

- Non-Insulated Curb - Model ARC-6 (page 7)
- Metal Roof Curb - Model AMBC-1 (page 54)
- Noise Control Curb - Model ANCC-1 (page 45)
- Isolation Rail Systems (page 43)
**Model ARC-3**

Insulated curb (self-flashing) for single-ply roofing.

---

### Standard Construction

- 18ga. Galvanized Steel Construction
- 1 1/2" thick 3 lb. density Fiberglass Insulation
- Full Height Mitered and Welded Corners
- Factory Installed 2x2 Pressure Treated Nailer
- 14" Height, No Slope
- 2/3 Curb Sections for Field Assembly

---

### TCD/YCD 330-600 VOYAGER

**Slope Detail**

![Diagram of TCD/YCD 330-600 VOYAGER]

**Optional Construction**

- Heavier Gauge Construction
- Height or Slope as Required
- 20ga. Liner
- .063 Aluminum Construction
- 1 Piece Construction

*check all that apply*

---

### Also shown in this catalog:

- Non-Insulated Curb - Model ARC-6 (page 8)
- Noise Control Curb - Model ANCC-1 (page 46)
- Return Air Plenum - Model APC-1 (page 30)
- Isolation Rail Systems (page 43)

---

### MODEL ARC-3 TYPICAL SECTION

![Illustration of Model ARC-3 TYPICAL SECTION]

---

### QTY | AES MODEL | A | B | C | D | E | F | G | CURB SECTIONS | SLOPE
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Model ARC-3

Insulated curb (self-flashing) for single-ply roofing.

SAHF C20-C75
INTELLIPAK
See page 11 for dimensional chart.

Standard Construction

- 14ga. Galvanized Steel Construction
- 1 1/2" thick 3 lb. density Fiberglass Insulation
- Full Height Mitered and Welded Corners
- Factory Installed 2x2 Pressure Treated Nailer
- 14" Height, No Slope
- 2/3 Curb Sections for Field Assembly

Optional Construction

- Heavier Gauge Construction
- Height or Slope as Required
- 20ga. Liner
- .063 Aluminum Construction
- 1 Piece Construction

Also shown in this catalog:

Non-Insulated Curb - Model ARC-6 (page 9)
Return Air Plenum - Model APC-1 (pages 31,33)
Full Perimeter Curb - (pages 20,24)
Isolation Rail Systems (page 43)
Model **ARC-3**

Insulated curb (self-flashing) for single-ply roofing.

**S*HF C20-C75**

**INTELLIPAK**

* = E, F, L, S, X

See page 11 for dimensional chart.

### Standard Construction

- 14ga. Galvanized Steel Construction
- 1 1/2" thick 3 lb. density Fiberglass Insulation
- Full Height Mitered and Welded Corners
- Factory Installed 2x2 Pressure Treated Nailer
- 14" Height, No Slope
- 2/3 Curb Sections for Field Assembly

### Optional Construction

- Heavier Gauge Construction
- Height or Slope as Required
- 20ga. Liner
- .063 Aluminum Construction
- 1 Piece Construction

*check all that apply*

---

**MODEL ARC-3**

**TYPICAL SECTION**

---

Also shown in this catalog:

- Non-Insulated Curb - Model ARC-6 (page 10)
- Return Air Plenum - Model APC-1 (pages 32,34)
- Full Perimeter Curb - (pages 21,25)
- Isolation Rail Systems (page 43)

---

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**Customer**

**Project**

**Ship To**

**P.O. Number**

**Approved By**

---

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Model ARC-3
Insulated curb (self-flashing) for single-ply roofing.

SXHG C90-D130
INTELLIPAK

Standard Construction
14ga. Galvanized Steel Construction
1 1/2" thick 3 lb. density Fiberglass Insulation
Full Height Mitered and Welded Corners
Factory Installed 2x2 Pressure Treated Nailer
14" Height, No Slope
2/3 Curb Sections for Field Assembly

Optional Construction
☐ Heavier Gauge Construction
☐ Height or Slope as Required
☐ 20ga. Liner
☐ .063 Aluminum Construction
☐ 1 Piece Construction

check all that apply

Also shown in this catalog:
Non-Insulated Curb - Model ARC-6 (page 12)
Full Perimeter Curb - (pages 23,26)
Isolation Rail Systems (page 43)
Model ARC-6
Non-insulated curb used for HVAC equipment on insulated roof deck. Standard construction includes Supply and Return rails.

Standard Construction
14ga. Galvanized Steel Construction
18 ga. Bottom in Return Plenum
Full Height Welded Corners
2” Leveling Rails in Return Section
Factory Installed 1x4 Pressure Treated Nailer
18” Height, No Slope
1” x 1/4” thick Neoprene Gasket

Also shown in this catalog:
Full Perimeter Insulated Curb - Model ARC-3 (page 24)
Full Perimeter Return Air Plenum - Model APC-1 (page 33)

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Roof Curbs

Customer ___________________________ Project ___________________________
Ship To ___________________________ P.O. Number ___________________________
_________________________ Approved By ___________________________

Model ARC-6
Non-insulated curb used for HVAC equipment on insulated roof deck.
Standard construction includes Supply and Return rails.

S*HF C20-C75
INTELLIPAK
* = E, F, L, S, X
See page 22 for dimensional chart.

Standard Construction
14ga. Galvanized Steel Construction
18 ga. Bottom in Return Plenum
Full Height Welded Corners
2" Leveling Rails in Return Section
Factory Installed 1x4 Pressure Treated Nailer
18" Height, No Slope
1" x 1/4" thick Neoprene Gasket

Optional Construction

Heavier Gauge Construction
Height or Slope as required
1" Rigid Insulation on Exterior

check all that apply

Also shown in this catalog:
Full Perimeter Insulated Curb - Model ARC-3 (page 25)
Full Perimeter Return Air Plenum - Model APC-1 (page 34)

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P.O. Box 781147 Tallassee, AL 36078
Ph. 334-283-6578 Fax 334-283-5447

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C49 C56
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C71
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C69
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C104
C106 C116/C32/C115/C101/C97/C108/C46

"MODEL ARC-6"
TYPICAL SECTION

Also shown in this catalog:
Full Perimeter Insulated Curb - Model ARC-3 (page 25)
Full Perimeter Return Air Plenum - Model APC-1 (page 34)
# Roof Curbs

## DIMENSIONAL CHARTS for SAHF and S*HF C20-C75

### FULL PERIMETER INTELLIPAK CURBS

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* “F” Dimension is 29 1/8” on SEHF (Units with electric heat).

** “G” Dimension is 66” on SEHF (Units with electric heat).
**Roof Curbs**

Customer: ___________________________  Project: ___________________________
Ship To: ___________________________  P.O. Number: ___________________________
Approved By: _______________________

---

**Model ARC-6**

Non-insulated curb used for HVAC equipment on insulated roof deck. Standard construction includes Supply and Return rails.

**SXHG C90-D130 INTELLIPAK**

Optional electrical chase through the drain pan. Contractor is responsible for watertight seal.

Sloped drain pans for rain and condensate. Pans are fully welded and sealed prior to shipment.

---

**Standard Construction**

- 14ga. Galvanized Steel Construction
- 18 ga. Bottom in Return Plenum
- Full Height Welded Corners
- 2" Leveling Rails in Return Section
- Factory Installed 1x4 Pressure Treated Nailer
- 20" Height, No Slope
- 1" x 1/4" thick Neoprene Gasket

**Optional Construction**

- [ ] Heavier Gauge Construction
- [ ] Height or Slope as required
- [ ] 1" Rigid Insulation on Exterior

*check all that apply*

---

**MODEL ARC-6 TYPICAL SECTION**

---

**OPTIONS**

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**Also shown in this catalog:**

Full Perimeter Insulated Curb - Model ARC-3 (page 26)
**Model ARC-3**
Insulated curb (self-flashing) for single-ply roofing.

**SAHF C20-C75 INTELLIPAK**
See page 22 for dimensional chart.

**Standard Construction**
- 14 ga. Galvanized Steel Construction
- 1 1/2" thick 3 lb. density Fiberglass Insulation
- Full Height Mitered and Welded Corners
- Factory Installed 2x2 Pressure Treated Nailer
- 18" Height, No Slope

**Optional Construction**
- Heavier Gauge Construction
- Height or Slope as Required
- 20 ga. Liner
- .063 Aluminum Construction

**MODEL ARC-3 TYPICAL SECTION**

Also shown in this catalog:
- Full Perimeter Non-Insulated Curb - Model ARC-6 (page 20)
- Full Perimeter Return Air Plenum - Model APC-1 (page 33)
Model **ARC-3**

Insulated curb (self-flashing) for single-ply roofing.

### S*HF C20-C75 INTELLIPAK

* = E, F, L, S, X

See page 22 for dimensional chart.

#### Standard Construction

- 14ga. Galvanized Steel Construction
- 1 1/2" thick 3 lb. density Fiberglass Insulation
- Full Height Mitered and Welded Corners
- Factory Installed 2x2 Pressure Treated Nailer
- 18" Height, No Slope

#### Optional Construction

- **Heavier Gauge Construction**
- **Height or Slope as Required**
- **20ga. Liner**
- **.063 Aluminum Construction**

### QTY | UNIT SIZE | SLOPE | OPTIONS
--- | --- | --- | ---

Also shown in this catalog:

- Full Perimeter Non-Insulated Curb - Model ARC-6 (page 21)
- Full Perimeter Return Air Plenum - Model APC-1 (page 34)
Model ARC-3

Insulated curb (self-flashing) for single-ply roofing.

**SXHG C90-D130 INTELLIPAK**

Optional electrical chase through the drain pan. Contractor is responsible for watertight seal.

**Standard Construction**
- 14ga. Galvanized Steel Construction
- 1 1/2" thick 3 lb. density Fiberglass Insulation
- Full Height Mitered and Welded Corners
- Factory Installed 2x2 Pressure Treated Nailer
- 20" Height, No Slope

**Optional Construction**
- □ Heavier Gauge Construction
- □ Height or Slope as Required
- □ 20ga. Liner
- □ .063 Aluminum Construction

*check all that apply*

**Also shown in this catalog:**
- Full Perimeter Non-Insulated Curb - Model ARC-6 (page 23)
## Roof Curbs

**Model AES-5**

Platform curb (self-flashing) for all roof decks.

---

**TCH/WCH/YCH 018-060**

**IMPACK**

---

### Standard Construction

- 18ga. Galvanized Steel Construction
- 3/4” Plywood under Cap
- Factory Installed 1x4 Pressure Treated Nailer
- 14” Height, No Slope

### Optional Construction

- [ ] 14ga. Steel Construction
- [ ] Metal Roof Curb - *Model AMBC-1*
- [ ] Height or Slope as Required
- [ ] 1” Rigid Insulation on Exterior

*check all that apply*

---

### Table

<table>
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<tr>
<th>QTY</th>
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<th>A</th>
<th>B</th>
<th>C</th>
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</table>
Roof Curbs

Customer: ____________________ Project: ____________________
Ship To: ____________________ P.O. Number: ____________________
Approved By: ____________________

Model AES-5
Platform curb (self-flashing) for all roof decks.

### TSC/WSC/YSC 036-060
PRECEDENT

<table>
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</table>

Standard Construction
18ga. Galvanized Steel Construction
3/4” Plywood under Cap
Factory Installed 1x4 Pressure Treated Nailer
14” Height, No Slope

Optional Construction
- [ ] 14ga. Steel Construction
- [ ] Metal Roof Curb - Model AMBC-1
- [ ] Height or Slope as Required
- [ ] 1” Rigid Insulation on Exterior

Check all that apply

---

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**Roof Curbs**

Customer_________________  Project_________________
Ship To_________________  P.O. Number_________________
_________________________  Approved By_________________

---

**Model AES-5**

Platform curb (self-flashing) for all roof decks.

---

**TCH/WCH/YCH 150D-301
VOYAGER**

---

**Standard Construction**

- 18ga. Galvanized Steel Construction
- 3/4" Plywood under Cap
- Factory Installed 1x4 Pressure Treated Nailer
- 14" Height, No Slope

**Optional Construction**

- [ ] 14ga. Steel Construction
- [ ] Metal Roof Curb - *Model AMBC-1*
- [ ] Height or Slope as Required
- [ ] 1" Rigid Insulation on Exterior

*check all that apply*

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Roof Curbs

Customer________________  Project________________
Ship To________________  P.O. Number________________
________________________  Approved By______________

Model **APC-1**
RETURN AIR PLENUM

Insulated plenum curb for insulated roof deck. Standard construction includes full height Supply rails to form a Return plenum chamber.

---

**TCD/YCD 330-600**
**VOYAGER**

---

Optional Construction

- [ ] Heavier Gauge Construction
- [ ] Height or Slope as Required
- [ ] 1" Rigid Insulation on Exterior

*check all that apply*

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Standard Construction

- 14ga. Galvanized Steel Construction
- Full Height Welded Corners
- Factory Installed 1x4 Pressure Treated Nailer
- 30" Height, No Slope
- 1" x 1/4" thick Neoprene Gasket
- 1" Duct Liner Insulation on all interior surfaces
SAHF C20-C75
INTELLIPAK

Standard Construction
14ga. Galvanized Steel Construction
Full Height Welded Corners
Factory Installed 1x4 Pressure Treated Nailer
30” Height, No Slope
1” x 1/4” thick Neoprene Gasket
1” Duct Liner Insulation on all interior surfaces

Optional Construction
- □ Heavier Gauge Construction
- □ Height or Slope as Required
- □ 1” Rigid Insulation on Exterior
  check all that apply

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Model APC-1
RETURN AIR PLENUM
Insulated plenum curb for insulated roof deck. Standard construction includes full height Supply rails to form a Return plenum chamber.

<table>
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<th>DIM</th>
<th>SAHF 20,25,30</th>
<th>SAHF 40</th>
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<td>80 7/8</td>
<td>80 7/8</td>
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<td>194 9/16</td>
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<td>J</td>
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</table>
**S**HF C20-C75
**INTELLIPAK**

* = E, F, L, S, X

---

**Standard Construction**

- 14ga. Galvanized Steel Construction
- Full Height Welded Corners
- Factory Installed 1x4 Pressure Treated Nailer
- 30" Height, No Slope
- 1" x 1/4" thick Neoprene Gasket
- 1" Duct Liner Insulation on all interior surfaces

---

**Model APC-1**

**RETURN AIR PLENUM**

Insulated plenum curb for insulated roof deck. Standard construction includes full height Supply rails to form a Return plenum chamber.

---

**Optional Construction**

- □ Heavier Gauge Construction
- □ Height or Slope as Required
- □ 1" Rigid Insulation on Exterior

*check all that apply*

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<td>95 15/16</td>
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<td>95 15/16</td>
<td>121 7/16</td>
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</tbody>
</table>

* "E" Dimension is 29 1/8" on SEHF (Units with electric heat).
** "F" Dimension is 66" on SEHF (Units with electric heat).
Roof Curbs

Customer
Ship To

Project
P.O. Number

Approved By

---

Model **APC-1**

**RETURN AIR PLENUM**

Insulated plenum curb for insulated roof deck. Standard construction includes full height Supply rails to form a Return plenum chamber.

SAHF C20-C75

**INTELLIPAK**

---

**Standard Construction**

- 14ga. Galvanized Steel Construction
- Full Height Welded Corners
- Factory Installed 1x4 Pressure Treated Nailer
- 30" Height, No Slope
- 1" x 1/4" thick Neoprene Gasket
- 1" Duct Liner Insulation on all interior surfaces

---

**Optional Construction**

- [ ] Heavier Gauge Construction
- [ ] Height or Slope as Required
- [ ] 1" Rigid Insulation on Exterior

*check all that apply*

---

**Table**

<table>
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<tr>
<th>QTY</th>
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**Dimensions**

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<td>194 9/16</td>
<td>194 9/16</td>
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<tr>
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<td>F</td>
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<td>69 1/2</td>
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<td>124 1/2</td>
<td>143 9/16</td>
<td>143 9/16</td>
<td>143 9/16</td>
</tr>
</tbody>
</table>

---

**Description**

- Insulated plenum curb for insulated roof deck. Standard construction includes full height Supply rails to form a Return plenum chamber.
- Factory installed 2" pipe fitting for drainage connection.
- Optional electrical chase through the drain pan. Contractor is responsible for watertight seal.

---

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Customer: ____________________________ Project: ____________________________
Ship To: ____________________________ P.O. Number: ____________________________
Approved By: ____________________________

Model APC-1
RETURN AIR PLENUM
Insulated plenum curb for insulated roof deck. Standard construction includes full height Supply rails to form a Return plenum chamber.

S*HF C20-C75 INTELLIPAK
* = E, F, L, S, X

Standard Construction
14ga. Galvanized Steel Construction
Full Height Welded Corners
Factory Installed 1x4 Pressure Treated Nailer
30" Height, No Slope
1" x 1/4" thick Neoprene Gasket
1" Duct Liner Insulation on all interior surfaces

Optional Construction
☐ Heavier Gauge Construction
☐ Height or Slope as Required
☐ 1" Rigid Insulation on Exterior

check all that apply

<table>
<thead>
<tr>
<th>UNIT SIZE</th>
<th>SLOPE</th>
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<table>
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<td>184 7/8</td>
<td>217 1/8</td>
<td>217 1/8</td>
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</tr>
</tbody>
</table>

* “E" Dimension is 29 1/8" on SEHF (Units with electric heat).
** "F" Dimension is 66" on SEHF (Units with electric heat).
Typical installation for AES Adapter Curbs

Steps:
1. Remove all possible connections between existing unit and roof.
2. Remove all duct connections to unit.
3. Carefully remove existing unit (do not damage curb).

Existing Curb

Attach to existing curb @ 36" OC

Adapter Curb (typical all units)

4. Install neoprene to existing curb flanges and rails.
5. Place adapter curb over existing curb as shown.
6. Attach to existing curb with #10 x 1-1/4" long self-tapping screws (w/gaskets).
7. Move all power and pipe connections to new unit locations as required.
8. Attach existing duct to adapter curb openings (maintain seal).
9. Install neoprene gasket to adapter curb flanges and openings.

10. Install new unit as per manufacturer's recommendations.
Existing Curb
Option #1

Please fill-in all dimensions.

If applicable, please indicate clearance distances to all obstructions that are within six feet of any curb wall (i.e. parapet wall, piping, etc.) that could interfere with adapter curb overhang.

Existing Unit Model

New Unit Model

Comments
Existing Curb Option #2

Please fill-in all dimensions.

If applicable, please indicate clearance distances to all obstructions that are within six feet of any curb wall (i.e. parapet wall, piping, etc.) that could interfere with adapter curb overhang.

Existing Unit Model

New Unit Model

Comments


**Isolation Rails**

Customer_________________________ Project_________________________
Ship To___________________________ P.O. Number_________________________
___________________________ Approved By_________________________

**Product Notes**

Spring isolators are computer selected and located to provide a nominal 1 or 2 inch static deflection.

Spring isolators have a minimum Kx/Ky of 1.0 or greater.

Spring spacing - 24 inches maximum.

Assembly furnished with Neoprene cushioned wind restraints to withstand 60 mph force.

Assembly is shipped in one piece up to LTL carrier size limitations.

Minimal field labor required for assembly and installation.

---

**Model ATIR-1&2**

Amber Booth Isolation rail with 1 inch or 2 inch deflection for anti-vibration. For use on existing or new roof curb.

---

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<th>QTY</th>
<th>1” OR 2” DEFLECTION</th>
<th>AES MODEL</th>
<th>A</th>
<th>B</th>
<th>C</th>
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<td>TCC,WCC 018-042F / YCC 018-036FM</td>
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</table>
**Noise Control Curbs**

**Model ANCC-1**

Acoustically insulated roof curb designed to reduce equipment noise into building structure. Commonly used in libraries, classrooms, theaters, etc.

**Standard Construction**
- 14ga. Galvanized Steel Exterior
- 18ga. Galvanized Steel Interior
- Factory Installed 2x4 Pressure Treated Nailer
- 16" Height, No Slope
- 4 Layers 1/2" Gypsum
- 2 Layers 2" 3 lb. Insulation
- 18 ga. Sealed Bottoms and Covers
- 2" Conduit in Electrical Area
- 1" x 1/4" thick Neoprene Gasket

**TSC/WSC/YSC 036-120**

**PRECEDENT**

**Optional Construction**
- □ Heavier Gauge Construction
- □ Height or Slope as Required
- □ Factory installed Isolation Rail
- □ Neoprene Noise Control Strips
  
  *check all that apply*

**MODEL ANCC-1**

**TYPICAL SECTION**

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<th>QTY</th>
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Noise Control Curbs

Model ANCC-1
Acoustically insulated roof curb designed to reduce equipment noise into building structure. Commonly used in libraries, classrooms, theaters, etc.

Standard Construction
14ga. Galvanized Steel Exterior
18ga. Galvanized Steel Interior
Factory Installed 2x4 Pressure Treated Nailer
16" Height, No Slope
4 Layers 1/2” Gypsum
2 Layers 2” 3 lb. Insulation
18 ga. Sealed Bottoms and Covers
2” Conduit in Electrical Area
1” x 1/4” thick Neoprene Gasket

TCD/WCD/YCD 150D-301
VOYAGER

Factory installed conduit for Electrical and Control wiring

Optional Construction
- Heavier Gauge Construction
- Height or Slope as Required
- Factory installed Isolation Rail
- Neoprene Noise Control Strips

check all that apply

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Noise Control Curbs

Customer: ___________________________ Project: ___________________________
Ship To: ___________________________ P.O. Number: ___________________________ 
____________________________________ Approved By: ___________________________

Model ANCC-1
Acoustically insulated roof curb designed to reduce equipment noise into building structure. Commonly used in libraries, classrooms, theaters, etc.

Standard Construction
14ga. Galvanized Steel Exterior
18ga. Galvanized Steel Interior
Factory Installed 2x4 Pressure Treated Nailer
16” Height, No Slope
4 Layers 1/2” Gypsum
2 Layers 2” 3 lb. Insulation
18 ga. Sealed Bottoms and Covers
2” Conduit in Electrical Area
1” x 1/4” thick Neoprene Gasket

TCD/YCD 330-600
VOYAGER

Factory installed conduit for Electrical and Control wiring

MODEL ANCC-1
TYPICAL SECTION

Heavier Gauge Construction
Height or Slope as Required
Factory installed Isolation Rail
Neoprene Noise Control Strips

Optional Construction
check all that apply

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AES Industries Inc. P.O. Box 781147 Tallassee, AL 36078 Ph. 334-283-6578 Fax 334-283-5447
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## Drop Box Diffusers

**Model ADB-1**

Drop box diffuser with double deflection drum louvers. Typically used in high ceiling applications.

### Standard Construction

- 18ga. Galvanized Steel
- 18ga. Pyramid Air Diverter
- 1" Acoustical Duct Liner Insulation for noise control
- 1" Top Flange for Duct Connection

### Optional Construction

- Heavier Gauge Construction
- Larger Top Flange for Duct Connection
- Transition from Curb Drop to Drop Box

### Optional Configurations

- 3 WAY
- 2 WAY (A)
- 2 WAY (B)

### Customer Project

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<th>QTY</th>
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<th>BOX TYPE</th>
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<th>Dim. B</th>
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Drop Box Diffuser

Model ADB-6

Standard Construction
18ga. Galvaneal Steel
18ga. Air Diverter
1" Acoustical Duct Liner Insulation for noise control
1" Top Flange for Duct Connection
Factory Installed Base Louver

Optional Construction
☐ Heavier Gauge Construction
☐ Larger Top Flange for Duct Connection
☐ Transition from Curb Drop to Drop Box

check all that apply

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<tr>
<th>QTY</th>
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<th>BOX TYPE</th>
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Customer Project
Ship To P.O. Number

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HAIL GUARDS

18ga. Galvanneal Steel Construction
3/4" x 1 3/4" Expanded Metal
Painted to Match Unit
Shipped Fully Assembled

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Guards

Customer:  
Project:  
Ship To:  
P.O. Number:  
Approved By:  

Model ACG-1

COIL GUARDS

Standard Construction
18ga. Galvanal Steel Construction
3/4" x 1 3/4" Expanded Metal
Painted to Match Unit
Shipped Fully Assembled

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Guards

Customer: 
Ship To: 
Project: 
P.O. Number: 
Approved By: 

Model ABI-1

BURGLAR BAR
INSERTS

Standard Construction
18ga. Galvanized Steel Construction
1/2” Dia. Bars Welded @ 6” O.C.
Undersized to fit Ductwork per Trane
Specifications

Optional Construction
☐ 14ga. Steel Construction
☐ 3/4” Dia. Bars
☐ Welded @ 9” O.C.

check all that apply

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Metal Building Curbs

Model AMBC-1
Insulated Galvalume curb for metal roof.

TCC/WCC/YCC 018-060
IMPACK

18ga. Galvalume Construction
Full Height Mitered and Welded Corners
Cell Caps supplied loose for field location
1 1/2", 3 lb. density Fiberglass Insulation
Integral Cricket Water Diverter
14" Height with Built-in Slope
1" x 1/4" thick Neoprene Gasket

Optional Construction

- Aluminum Construction
- Heavier Gauge Steel
- Factory Installed Cell Caps
- Fasteners
- Height as required

check all that apply

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**Metal Building Curbs**

Customer __________________ Project __________________
Ship To __________________ P.O. Number __________________
Approved By __________________

**Model AMBC-1**

Insulated Galvalume curb for metal roof.

**TSC/WSC/YSC 036-120**

PRECEDENT

**Standard Construction**

- 18ga. Galvalume Construction
- Full Height Mitered and Welded Corners
- Cell Caps supplied loose for field location
- 1 1/2", 3 lb. density Fiberglass Insulation
- Integral Cricket Water Diverter
- 14" Height with Built-in Slope
- 1" x 1/4" thick Neoprene Gasket

**Optional Construction**

- Aluminum Construction
- Heavier Gauge Steel
- Factory Installed Cell Caps
- Fasteners
- Height as required

(check all that apply)

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**AES Industries Inc.**

P.O. Box 781147 Tallassee, AL 36078

Ph. 334-283-6578 Fax 334-283-5447

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**Metal Building Curbs**

**Model AMBC-1**

Insulated Galvalume curb for metal roof.

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**TCD/WCD/YCD 150D-301 VOYAGER**

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**Standard Construction**
- 18ga. Galvalume Construction
- Full Height Mitered and Welded Corners
- Cell Caps supplied loose for field location
- 1 1/2", 3 lb. density Fiberglass Insulation
- Integral Cricket Water Diverter
- 14" Height with Built-in Slope
- 1" x 1/4" thick Neoprene Gasket

**Optional Construction**
- □ Aluminum Construction
- □ Heavier Gauge Steel
- □ Factory Installed Cell Caps
- □ Fasteners
- □ Height as required

*check all that apply*

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**TYPICAL SECTION**

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AES Industries Inc. P.O. Box 781147 Tallassee, AL 36078
Ph. 334-283-6578 Fax 334-283-5447
COPYRIGHT 2003 AES INC.
INSTALLATION INSTRUCTIONS
FOR THE
MODEL AMBC-1
METAL BUILDING CURB

Locate roof opening and install support framing for roof curb and equipment loads. Place support framing so that at least two parallel curb walls rest on support framing. Loads shall not be supported by a cantilever curb section exceeding 1'-0" in length. Cut roof panels to fit opening of curb on sloping sides and overlap rib sides by 3-1/2". Apply sealant tape along edge of roof opening.

Align curb with support framing and cut openings in flanges at each ridge. Press curb firmly into place.

Apply sealant tape for each cell cap as shown.

Press cell caps firmly into place. Install fasteners compatible with the roof system at a minimum of 6" O/C.

Inspect installation and fasteners. Finish all edges of curb with a good grade of silicone sealant to assure a watertight seal. Make sure all possible openings for water are sealed.
Equipment Supports

Model AES-1
Non-insulated equipment support for insulated roof decks.

Standard Construction
- 18ga. Galvanized Steel Construction
- 10" Height
- 4" Width
- 2x4 Pressure Treated Nailer

Optional Construction
- Heavier Gauge Material
- Height as required
- Width as required
- 1" Isoboard Insulation

Model AES-2
Equipment support for insulated roof decks, with 2 inch raised 3 inch cant.

Standard Construction
- 18ga. Galvanized Steel Construction
- 12" Height
- 4" Width
- 2x4 Pressure Treated Nailer

Optional Construction
- Heavier Gauge Material
- Height as required
- Width as required

Model AES-3
Equipment support (self-flashing) for all roof decks.

Standard Construction
- 18ga. Galvanized Steel Construction
- 12" Height
- 4" Width
- 2x4 Pressure Treated Nailer

Optional Construction
- Heavier Gauge Material
- Height as required
- Width as required
Equipment Supports

Model AES-4

Equipment support for non-insulated roof decks with 3 inch cant.

18 GAUGE METAL CAP

2 x 4 WOOD NAILER

Standard Construction
18ga. Galvanized Steel Construction
12” Height
4” Width
3” Cant
2x4 Pressure Treated Nailer

Optional Construction
Heavier Gauge Material
Height as required
Width as required
1” Isoboard Insulation

Model AES-5

Platform curb (self-flashing) for all roof decks.

18 GAUGE METAL CAP

3/4” PLYWOOD COVER

FIBERGLASS INSULATION

Standard Construction
18ga. Galvanized Steel Construction
12” Height
3/4" Plywood Cover
Metal Cap
1 1/2”, 3 lb. density Fiberglass Insulation

Optional Construction
Heavier Gauge Material
Height as required