

MANUFACTURER:
Quality Metalcrafts, LLC
21925 Industrial Blvd.
Rogers, MN 55374
Telephone: (866) 260-4047
Fax: (763) 255-3399
Email: info@americlad.com

AMERICLAD AC-94BF Louver

**SECTION 08 90 00
ALUMINUM LOUVER SYSTEM
4" STATIONARY NON-DRAINABLE LOUVER WITH
FLANGE FRAME**

PART 1 – GENERAL

1.1 RELATED DOCUMENTS

- A. The drawings and provisions of the General Conditions, and the sections included under Division 1 specification sections, apply to this section

1.2 SUMMARY

- A. This section includes aluminum louvers

1.3 SUBMITTALS

- A. Product Data: Manufacturer's product literature
- B. Finish Samples: submit color samples for final approval
- C. Shop Drawings: submit shop drawings showing plans, sections and details

1.4 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Minimum of five years experience in manufacturing of architectural products
- B. Installer Qualifications: Acceptable to manufacturer
- C. Production Qualifications: Louvers shall be licensed to bear AMCA Certified Ratings Seal Applies to air performance and water penetration ratings

1.5 DELIVERY, STORAGE AND HANDLING

- A. Delivery: deliver louvers in manufacturer's crates packed for long haul transit
- B. Storage: store materials in a dry and safe area
- C. Handling: handle materials to avoid any damage to materials and finishes

1.6 WARRANTY

- A. The contractor must warrant the materials to be free of defects in accordance with the general conditions. Finish warranty shall be extended by paint manufacturer's standard warranty
- B. Manufacturer shall provide a standard limited warranty for louver system for a period of one year from date of installation and no more than eighteen months after shipment from manufacturing plant

PART 2 – PRODUCTS

2.1 MANUFACTURER

- A. Quality Metalcrafts, LLC/AMERICLAD, 21925 Industrial Boulevard, Rogers, Minnesota 55374, Telephone: (866) 260-4047, www.americlad.com
- A. Approved equal submitted for approval 10 days prior to bid

2.2 FABRICATION

- A. Model: AC-94BF Aluminum Louver System, 4" stationary, non-drainable louver with flange frame
- B. Performance Ratings: AMCA Licensed
- C. Frame:
 - a. Depth: 4" (101.6 mm)
 - b. Material: Extruded aluminum 6063-T5
 - c. Wall Thickness: 0.081 inch (2.06 mm), nominal
 - d. Downspouts and caulking surfaces
- D. Blades:
 - a. Style: Stationary Non-drainable
 - b. Material: Extruded aluminum 6063-T5
 - c. Wall Thickness: 0.081 inch (2.06 mm), nominal
 - d. Angle: 37.5 degrees
 - e. Centers 4 inches (101.6 mm), nominal

2.3 ACCESSORIES

- A. Aluminum Sill: Provide sill flashing manufactured from same material and finish as louvers where indicated on drawings
- B. Screens: provide framed removable screens for exterior louvers

- a. Bird Screens
- b. Insect Screens
- c. Blank off Panels
 - i. Insulated
 - ii. Non-insulated

2.4 FINISHES

A. Paint:

- 1. Coating shall be a Spray Applied Fluorocarbon Resin Utilizing a 70% Kynar 500/Hylar 5000 resin
- 2. Color as selected by owner from paint manufacturer's standard colors or Custom color as specified
- 3. Material to be painted in accordance with either AAMA specification 2605 or 2604

B. Anodized:

- 1. Class I, Clear Anodic Finish: AA-M12C22A41, mechanical finish, nonspecular as fabricated. Coating to have an anodic coating of 0.7 mil (0.018 mm) thickness
- 2. Class I, Color Anodic Finish: AA-M12C22A42/A44, mechanical finish, nonspecular as fabricated. Color to be determined by Owner. Coating to have an anodic coating of 0.7 mil (0.018) thickness

PART 3 – EXECUTION

3.1 PREPARATION

- A. Coordinate drawings, diagrams, and instructions for installation

3.2 INSTALLATION

- A. Install louvers at locations as indicated on the drawings and in accordance with the manufacturer's instructions
- B. Install louvers plumb, level, in plane of wall, and in alignment with adjacent work
- C. Install joint sealants as specified in section 07 90 00

3.3 CLEANING AND PROTECTION

- A. Clean exposed surfaces after installation per manufacturer's recommendation
- B. Touch up minor abrasions in finish with touch up paint supplied by finish applicator

END OF SECTION