

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

**AMERICLAD  
AC-96DF  
Louver**

**SECTION 08 90 00  
ALUMINUM LOUVER SYSTEM  
6" STATIONARY 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 PERFORMANCE REQUIREMENTS**

- A. Performance Ratings: Product must be licensed to bear the AMCA Certified Ratings Seal for water and air performance
  - a. Based on testing 48 inches by 48 inches (1,219 mm x 1,219 mm) size unit in accordance with AMCA 500
- B. Free area: 9.17 square feet, 57%
- C. Air Flow: 7,490 cubic feet per minute
- D. Water Penetration: Maximum 0.01 ounces per square foot of free area at an air flow of 916 feet per minute free area velocity when tested

**1.4 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

### **1.5 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

### **1.6 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

### **1.7 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](http://www.americlad.com)
- A. Approved equal submitted for approval 10 days prior to bid

### **2.2 FABRICATION**

- A. Model: AC-96DF Aluminum Louver System, 6" stationary, drainable louver with flange frame
- B. Performance Ratings: AMCA Licensed
- C. Frame:
  - a. Depth: 6" (152.4 mm)
  - b. Material: Extruded aluminum 6063-T5
  - c. Wall Thickness: 0.125 inch (3.125 mm), nominal
  - d. Downspouts and caulking surfaces

**D. Blades:**

- a. Style: Stationary Drainable
- b. Material: Extruded aluminum 6063-T5
- c. Wall Thickness: 0.125 inch (3.125 mm), nominal
- d. Angle: 37.5 degrees
- e. Centers 5.938 inches (150.83 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**