# System Verification Checklist

## [Project Name]

**System:** Variable Air Volume Unit  
**Tag:** VAV-  
**Service:**

<table>
<thead>
<tr>
<th>Manufacturer:</th>
<th>Provided</th>
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<td>Model Number:</td>
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### General Checks

- Install units and accessories in accordance with manufacturer’s instructions  
- Identification label affixed, Spec. 230553-3.2  
- Unit Mounting (Hanger Rods), M-502/Detail 4E  
- Level and plumb installation  
- Unit installed to provide clearance for proper operation and maintenance, Spec. 230500-3.4

### Unit Piping

- Unions, M-501/Detail C  
- Isolation Valves, M-501/Detail C  
- Automatic Flow Control Valve (Return), M-501/Detail C  
- Drain with Drain Valve (Supply), M-501/Detail C  
- Two-Way Control Valve (Return), M-501/Detail C  
- PT Plugs, M-501/Detail C  
- Strainer with Blowdown Valve (Supply), M-501/Detail C  
- Manual Air Vent (Return), M-501/Detail C

### Ductwork

- Flexible Duct Connection(s), M-502/Detail 4E  
- VAV Damper, M-701

### Electrical

- Disconnect switch wired  
- Electric connections tight  
- Safeties installed and operational  
- Grounding connected to components and unit, Spec. 260526  
- 208V AC 1 phase wired, M-602

### Controls

- CO2 Sensor, M-701  
- DDC Monitored/Programmed, M-701  
- Interlocked to VAV-# Operation, MH1A1, M-701

### Remarks:

**IC**-Installing Contractor; **SM**-Sheet Metal Contractor; **MC**-Mechanical Contractor; **EC**-Electrical Contractor; **CC**-Controls Contractor

*This System Verification Checklist document represents FCG's standard test protocol, basic functional test, and FCG's best understanding of the designed sequence of operation. This document DOES NOT define design intent, supersede contract documents, or direct means and methods.*
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