Fairhaven Academic & Dining Hall (FA)

Built: 1970
Renovated: None

Fairhaven Academic / Commons has a simple Mechanical design. The air handler for the first floor is located in Mech Room 117. It is a single fan device with manifolded ductwork that directs air to different zones of the first floor and is termed a Multi-Zone. The second Multi-Zone is located in the attic Mech Room 400 and has multiple ducts that serve 3rd floor and down to 2nd floor where the kitchen and dining room is located.

GCH- Air quality strategy is straightforward. Main concentrations of occupancy have dedicated sensors. Multiple sensors in the building so they can provide cross calibrate data during low occupancy periods.

Add some representative room sampling

**Building Preparations:**

- TAB air flow verification completed in rooms 307, 310/312, 314, 318, 326, 340. All rooms have air changes per hour (ACH) in excess of 15, well above our minimum 4 ACH minimum for COVID operations.

<table>
<thead>
<tr>
<th>Equip</th>
<th>Comments</th>
<th>Room Sensors</th>
<th>Duct Sensors</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC01</td>
<td>Air Conditioner, Located in Mech Room 400 dedicated to Auditorium 300</td>
<td>None</td>
<td>FA.AC01.SA.CO2</td>
</tr>
<tr>
<td>MZ 01</td>
<td>Multi Zone Fan 01, Located in Mech Room 117, 15HP</td>
<td>None</td>
<td>FA.MZ01.SA.CO2</td>
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<tr>
<td>MZ 02</td>
<td>Multi Zone Fan 02, Located in Mech Room 400, 10HP</td>
<td>None</td>
<td>FA.MZ02.SA.CO2</td>
</tr>
<tr>
<td>RF 01</td>
<td>Return Fan 01, Located at 114, 12 HP</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>RF 02</td>
<td>Return Fan 02, Located at Rm 400, 5 HP</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>RF 06</td>
<td>Return Fan 06, Located at Rm 400, ? HP</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
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