



## GSA IL0236FC John C. Kluczynski Fed. BLDG. (Chicago, IL)

### CheckList Information

<b>Name :</b>	AHU-10	<b>Status :</b>	NotSubmitted
<b>Assigned Organization :</b>	National TAB	<b>Asset :</b>	
<b>Requesting Organization :</b>	National TAB		

### CheckList Item Details

**AHU Measurement NOVA Third Party Contractor Fill Out. Measure and verify the building minimum and maximum outdoor air for each AHU providing outdoor air to the building.**

Supply Air CFM Measured:	Design: 10,000 / Actual: 7,354 CFM
Confirm DCV is Disabled (Demand Controlled Ventilation)	CONFIRMED
Outside Air Measurement Method (Direct PT or SA-RA PT)	DIRECT
Outside Air CFM Measured: (Maximum and Minimum OA CFM)	4,316 CFM
If Outside Air CFM is determined by Supply - Return air CFM, document the Measured Return Air CFM:	NA
BAS Setpoint. Document BAS Setpoint at time of testing. Include Outside Air Damper Setpoint BAS shows.	42%
Document Actual Observed Outside Air Damper Position. [Visual % Open: 0%, 25%, 75%, 100%.]	20-30%
Does AHU have full air side economizer?	Yes

#### **AHU Information & Verification. Include Photo Documentation**

Attach Photos of AHU Nameplate.	Yes
<ul style="list-style-type: none"> <li>• <a href="#">Open</a> FuseIT864c406e8c7241.jpg</li> </ul>	
Pre-Filter MERV Rating (or NA)	Not listed on Filters. Design is MERV 8
Pre-Filter Size	6@24x24x2
Final Filter MERV Rating	Not listed on Filters. Design is MERV 15
Final Filter Size	6@24x24x22

- [Open](#) FuseIT9acbfe44650346.jpg
- [Open](#) FuseIT40fbc193a2b84c.jpg

Belts - Visual Assessment of condition 2 motors - direct drive

Belts - Size and quantity direct drive

Note if any modifications made to AHU set points to operate in full capacity.

Electrical connections - Visual assessment. Document motor Voltage and Amperage. Two motors A: 85.1 HZ, 7.5 Amps, 369 V B: 95.3 HZ, 7.2 Amps, 370 V

- [Open](#) FuseIT90604e6351744f.jpg

Heating Coil(s) - Visual assessment and photo documentation. No issues observed.

- [Open](#) FuseIT3e68de23ae424a53b5d8b4b6e7771893.jpg

Cooling Coil(s) - Visual assessment and photo documentation. No issues observed.

- [Open](#) FuseIT50615d759de442.jpg

Condensate Pan(s) - Visual assessment and photo documentation. No issues observed.

- [Open](#) FuseIT2eeba5cc208147.jpg

Any unusual operation observed? (including vibration, over-pressure, etc.) One 10" duct and one 14" duct has no airflow. All zones were commanded to full cooling by controls contractor. 2 out of 8 zones were not getting flow through the duct. Pressures taken at takeoff of main supply to confirm the issue is downstream and not at takeoff of unit.

- [Open](#) 14duct.jpg
- [Open](#) 10duct.jpg

Exhaust System Status (on/off). If this does not apply for this AHU, "N/A" NA

Visually inspect outdoor air intake louvers, bird screens, mist eliminators, and adjacent areas for cleanliness and integrity. Connects to shared concert space, no issues in connection duct.

- [Open](#) FuseITcd660ae86e1c41.jpg

Note ALL visible debris or visible biological material observed, physical damage to louvers, screens, or mist eliminators, and if such damage impairs the item from providing the required outdoor air entry. No issues observed.

List any found deficiencies. Note any remarks or comments, including corrective actions. Include photo documentation of any relevant findings. Pre filters are dirty and need to be replaced. AHU controls screenshot attached.

- [Open](#) ACS10.png
- [Open](#) DirtyFilters.jpg