



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

### CheckList Information

<b>Name :</b>	AHU-04	<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: 29500 / Actual: 17353
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)	16650
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.	30%
Document Actual Observed Outside Air Damper Position. [Visual % Open: 0%, 25%, 75%, 100%.]	25-30% Return is barely cracked open, return damper motor does not seem to be functioning
<ul style="list-style-type: none"> <li>• <a href="#">Open</a> Returndamper.jpg</li> <li>• <a href="#">Open</a> Final.jpg</li> <li>• <a href="#">Open</a> Final2.jpg</li> </ul>	
Does AHU have full air side economizer?	Yes
<b>AHU Information &amp; Verification. Include Photo Documentation</b>	
Attach Photos of AHU Nameplate.	Yes
<ul style="list-style-type: none"> <li>• <a href="#">Open</a> FuseIT3d34f80f47f544.jpg</li> </ul>	
Pre-Filter MERV Rating (or NA)	Not listed
Pre-Filter Size	12@24x24x2 6@12x24x2

<ul style="list-style-type: none"> <li>• <a href="#">Open</a> FuseIT7bfa5044e21a4b.jpg</li> </ul>	
Final Filter MERV Rating	Not listed
Final Filter Size	12@24x24x22 6@12x24x22
Belts - Visual Assessment of condition	3 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.	3 VFDs @ 62.88 Hz A: 9.7 amps, 305.7 V B: 9.6 amps, 304.7 V C: 10.1 amps, 305.4 V
<ul style="list-style-type: none"> <li>• <a href="#">Open</a> FuseIT219c1ce287ae4c.jpg</li> </ul>	
Heating Coil(s) - Visual assessment and photo documentation.	No issues
<ul style="list-style-type: none"> <li>• <a href="#">Open</a> FuseITcfd89f6f033b45.jpg</li> </ul>	
Cooling Coil(s) - Visual assessment and photo documentation.	No issues
<ul style="list-style-type: none"> <li>• <a href="#">Open</a> FuseIT98c65d85e2b04c.jpg</li> </ul>	
Condensate Pan(s) - Visual assessment and photo documentation.	No issues
<ul style="list-style-type: none"> <li>• <a href="#">Open</a> FuseIT6ebde4cf64dd47.jpg</li> </ul>	
Any unusual operation observed? (including vibration, over-pressure, etc.)	None
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.	No issues
<ul style="list-style-type: none"> <li>• <a href="#">Open</a> FuseIT5ff87a1ecf184b.jpg</li> <li>• <a href="#">Open</a> FuseIT3e37444e9d534ba3bd6d3aaf124699bd.jpg</li> </ul>	
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.	None
List any found deficiencies. Note any remarks or comments, including corrective actions. Include photo documentation of any relevant findings.	None AHU controls screenshot attached.
<ul style="list-style-type: none"> <li>• <a href="#">Open</a> ACS4.png</li> </ul>	