



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

CheckList Information

Name :	AHU-03	Status :	NotSubmitted
Assigned Organization :	National TAB	Asset :	
Requesting Organization :	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: 41,000 / Actual: 29,482 CFM
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Confirm DCV is Disabled (Demand Controlled Ventilation)	Confirmed
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Outside Air Measurement Method (Direct PT or SA-RA PT)	Direct
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Outside Air CFM Measured: (Maximum and Minimum OA CFM)	15,549 CFM
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If Outside Air CFM is determined by Supply - Return air CFM, document the Measured Return Air CFM:	NA
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BAS Setpoint. Document BAS Setpoint at time of testing. Include Outside Air Damper Setpoint BAS shows.	30%
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Document Actual Observed Outside Air Damper Position. [Visual % Open: 0%, 25%, 75%, 100%.]	25%
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- [Open](#) FuseIT0e2edda836ac4e.jpg
- [Open](#) FuseITc8384ca751a941.jpg
- [Open](#) FuseITc8384ca751a941_.jpg
- [Open](#) OA_DAMPER.jpg

Does AHU have full air side economizer?	Yes
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AHU Information & Verification. Include Photo Documentation

Attach Photos of AHU Nameplate.	No
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Pre-Filter MERV Rating (or NA)	Not listed on Filters. Design is MERV 8
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Pre-Filter Size	18@24x24x2 6@12x24x2
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Final Filter MERV Rating	Not listed on Filters. Design is MERV 15
Final Filter Size	18@24x24x22 6@12x24x22
Belts - Visual Assessment of condition	3 motors - direct drive
Note if any modifications made to AHU set points to operate in full capacity.	
Belts - Size and quantity	Direct drive
Electrical connections - Visual assessment. Document motor Voltage and Amperage.	3 VFDs @ 49.12 Hz A: 18.8 amps, 354.2 V B: 18.5 amps, 354.7 V C: 19.2 amps, 356.1 V
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Heating Coil(s) - Visual assessment and photo documentation.	No issues observed.
• Open FuseITf119efeb79ce42.jpg	
Cooling Coil(s) - Visual assessment and photo documentation.	No issues observed.
• Open FuseIT7e46dbbcee7944.jpg	
Condensate Pan(s) - Visual assessment and photo documentation.	No issues observed.
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• Open Condensate_Pans.jpg	
Any unusual operation observed? (including vibration, over-pressure, etc.)	None observed.
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 observed.
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• Open FuseIT14711420b00441.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.	None observed.
List any found deficiencies. Note any remarks or comments, including corrective actions. Include photo documentation of any relevant findings.	Supply access door is leaking airflow on the top left corner AHU controls screenshot attached.

- [Open](#) ACS3.png
- [Open](#) FuseIT08ccdca815bb4f.jpg