



GSA DC0021ZZ Central Office Headquarters (Washington, DC)

CheckList Information

Name :	AHU-7 SE	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: 3000 / Actual: 3,032 CFM
Confirm DCV is Disabled (Demand Controlled Ventilation)	DCV is confirmed disabled
Outside Air Measurement Method (Direct PT or SA-RA PT)	Outside site was measured directly by traversing the Outside air duct
Outside Air CFM Measured: (Maximum and Minimum OA CFM)	Design: 310 / Actual: 347 CFM
If Outside Air CFM is determined by Supply - Return air CFM, document the Measured Return Air CFM:	NA outside air was measured directly.
BAS Setpoint. Document BAS Setpoint at time of testing. Include Outside Air Damper Setpoint BAS shows.	
BAS Screenshot. Request Facility Team to save screenshots of the BAS screen for each AHU (thumb drive) and GSA or O&M upload to the google drive.	
Document Actual Observed Outside Air Damper Position. [Visual % Open: 0%, 25%, 75%, 100%.]	After observation the Outside air damper was 100 % open.
Does AHU have full air side economizer?	No

AHU Information & Verification. Include Photo Documentation

Attach Photos of AHU Nameplate.	Yes
Pre-Filter MERV Rating (or NA)	Pre-filter MERV rating is a MERV 8.
Pre-Filter Size	Pre-filter size is 2 24x24x2
Final Filter MERV Rating	Final filter MERV rating is MERV 14/14A

Final Filter Size	Final filter size is 2 24x24x4 filters.
Belts - Visual Assessment of condition	The belts are in good condition.
Belts - Size and quantity	This unit has 2 AX-47 belts
Note any modifications made to AHU set points to operate in full capacity.	
Note if the AHU has full air side economizing ability & Damper Type.	
Note if any modifications made to AHU set points to operate in full capacity.	
Electrical connections - Visual assessment. Document motor Voltage and Amperage.	Motor voltage-449 V VFD Amperage-6.8 A VFD
Heating Coil(s) - Visual assessment and photo documentation.	The heating coil is in good condition.
Cooling Coil(s) - Visual assessment and photo documentation.	The cooling coil is in good condition.
Condensate Pan(s) - Visual assessment and photo documentation.	Condensate pan has some sediment residue.
<ul style="list-style-type: none"> • Open AHU-7Econdensatepan.jpg 	
Any unusual operation observed? (including vibration, over-pressure, etc.)	Unit has a bypass that will close the the supply duct and have full OA coming in during unoccupied hours(pm)
Exhaust System Status (on/off). If this does not apply for this AHU, "N/A"	There is no exhaust system present at this unit.
Visually inspect outdoor air intake louvers, bird screens, mist eliminators, and adjacent areas for cleanliness and integrity.	There were no OA intake Oliver's at this unit.
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.	There are no visible debris and or biological material during inspection.
List any found deficiencies. Note any remarks or comments, including corrective actions. Include photo documentation of any relevant findings.	There are no other deficiencies for this unit.