



GSA DC0007ZZ Veterans Admin (Washington, DC)

CheckList Information

Name :	AHU-37	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: 13000 / Actual: 17,608 CFM
Confirm DCV is Disabled (Demand Controlled Ventilation)	DCV is confirmed to be disabled.
Outside Air Measurement Method (Direct PT or SA-RA PT)	Outside air duct was traversed directly.
Outside Air CFM Measured: (Maximum and Minimum OA CFM)	Design: 2600 / Actual: 1,134 CFM
If Outside Air CFM is determined by Supply - Return air CFM, document the Measured Return Air CFM:	Outside air duct was traversed directly.
BAS Setpoint. Document BAS Setpoint at time of testing. Include Outside Air Damper Setpoint BAS shows.	The original static pressure setpoint for the supply duct was set to 1.0".w.c.
Document Actual Observed Outside Air Damper Position. [Visual % Open: 0%, 25%, 75%, 100%.]	50%
<ul style="list-style-type: none"> • Open 37_Damper.jpg 	
Does AHU have full air side economizer?	No
<ul style="list-style-type: none"> • Open MANUALDAMPER.jpg 	

AHU Information & Verification. Include Photo Documentation

Attach Photos of AHU Nameplate.	Yes
<ul style="list-style-type: none"> • Open AHU37.jpg • Open AHU37.jpg 	
Pre-Filter MERV Rating (or NA)	NA
Pre-Filter Size	NA

Final Filter MERV Rating	NOT LISTED, APPEAR TO BE MERV 13
Final Filter Size	6 - 25x29x4
<ul style="list-style-type: none"> • Open Filter.jpg 	
Belts - Visual Assessment of condition	The belt was found to be in good condition, as seen in the attached photo.
<ul style="list-style-type: none"> • Open 3BELTS.jpg 	
Belts - Size and quantity	3 - B-76
Note if any modifications made to AHU set points to operate in full capacity.	The original setpoint for the AHU was starving the VAVs and the setpoint therefore had to be raised to 2.5" w.c.
Electrical connections - Visual assessment. Document motor Voltage and Amperage.	MOTOR VOLTAGE- 372.2 V VFD AMPERAGE-17.7 A VFD
<ul style="list-style-type: none"> • Open VFD.jpg 	
Heating Coil(s) - Visual assessment and photo documentation.	Coil was in good condition, as seen in the attached photo.
<ul style="list-style-type: none"> • Open HEATINGCOIL.jpg 	
Cooling Coil(s) - Visual assessment and photo documentation.	Coil was in good condition with some minor dents, as seen in the attached photo.
<ul style="list-style-type: none"> • Open COOLINGCOIL.jpg 	
Condensate Pan(s) - Visual assessment and photo documentation.	The condensate pan was observed to be in good condition.
<ul style="list-style-type: none"> • Open Condensate.jpg • Open Condensate.jpg 	
Any unusual operation observed? (including vibration, over-pressure, etc.)	SEE ISSUES, LARGE HOLE IN SUPPLY DUCT.
Exhaust System Status (on/off). If this does not apply for this AHU, "N/A"	N/A
Visually inspect outdoor air intake louvers, bird screens, mist eliminators, and adjacent areas for cleanliness and integrity.	NA
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 biological material or damage was noted at the unit.
List any found deficiencies. Note any remarks or comments, including corrective actions. Include photo documentation of any relevant findings.	LARGE HOLE IN SUPPLY DUCT RIGHT ABOVE UNIT. RETURN GRILLE IS VERY DIRTY

- [Open](#) FuseIT86824f87f6eb49.jpg
- [Open](#) AHU37_2_.JPG
- [Open](#) AHU37.JPG
- [Open](#) FuseITcba7b0ba386f4b.jpg