

## GSA DC0021ZZ Central Office Headquarters (Washington, DC)

### CheckList Information

<b>Name :</b>	OAH S-1	<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:

Confirm DCV is Disabled (Demand Controlled Ventilation)

The demand controlled ventilation was confirmed disabled.

Outside Air Measurement Method (Direct PT or SA-RA PT)

Outside air was measured using a velgrid to the outside air grille inside the unit.

Outside Air CFM Measured: (Maximum and Minimum OA CFM)

If Outside Air CFM is determined by Supply - Return air CFM, document the Measured Return Air CFM:

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%.]

This unit operates on 100% outside air as it supplies outside air to the other AHU's

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 Size

The pre filter size is 20x24x4

Final Filter MERV Rating

The final filter has a MERV 14 rating.

Final Filter Size

The unit's final filter size is 20x20x4

Belts - Visual Assessment of condition

After a visual assessment the belts condition are good.

Belts - Size and quantity

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.

Heating Coil(s) - Visual assessment and photo documentation.

Cooling Coil(s) - Visual assessment and photo documentation.

Condensate Pan(s) - Visual assessment and photo documentation.

Any unusual operation observed? (including vibration, over-pressure, etc.)

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

Visually inspect outdoor air intake louvers, bird screens, mist eliminators, and adjacent areas for cleanliness and integrity.

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.

List any found deficiencies. Note any remarks or comments, including corrective actions. Include photo documentation of any relevant findings.

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### CheckList Information

<b>Name :</b>	OAH SE-1	<b>Status :</b>	NotSubmitted
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### 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:	
Confirm DCV is Disabled (Demand Controlled Ventilation)	
Outside Air Measurement Method (Direct PT or SA-RA PT)	This Unit strictly serves outside air only so it was traversed directly.
Outside Air CFM Measured: (Maximum and Minimum OA CFM)	
If Outside Air CFM is determined by Supply - Return air CFM, document the Measured Return Air CFM:	Unit is 100 fully outside air.
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%.]	The unit is fully served 100% outside air.
Does AHU have full air side economizer?	No
<b>AHU Information &amp; Verification. Include Photo Documentation</b>	
Attach Photos of AHU Nameplate.	Yes
Pre-Filter MERV Rating (or NA)	The Pre filter rating is
Pre-Filter Size	AHU-S1 pre filter size are 20x25x4.

Final Filter MERV Rating	The final filter MERV ratings is MERV 14
Final Filter Size	The unit filter size is 20x20x4
Belts - Visual Assessment of condition	After visual assessment the belts look to be in good condition but the 2 outer belts are a little loose.
Belts - Size and quantity	The unit has 3 BX-38 belts.
Note any modifications made to AHU set points to operate in full capacity.	The unit static pressure went from to
Note if the AHU has full air side economizing ability & Damper Type.	There are no full air side economizer or damper for this unit.
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- 460 V VFD Amperage - 17.1 A VFD
Heating Coil(s) - Visual assessment and photo documentation.	After visual assessment the pre heat coil is in good condition but the re-heat coil has some bent fins.
Cooling Coil(s) - Visual assessment and photo documentation.	The unit cooling coils is in good condition.
Condensate Pan(s) - Visual assessment and photo documentation.	The condensate pan is clean.
Any unusual operation observed? (including vibration, over-pressure, etc.)	There are no unusual operations for this unit.
Exhaust System Status (on/off). If this does not apply for this AHU, "N/A"	The unit exhaust system is on.
Visually inspect outdoor air intake louvers, bird screens, mist eliminators, and adjacent areas for cleanliness and integrity.	There is a little bit of debris by the outdoor air intake louver
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.	After inspection there were no sign of foreign agents present on the unit.
List any found deficiencies. Note any remarks or comments, including corrective actions. Include photo documentation of any relevant findings.	There are no other deficiencies present for this unit.

## GSA DC0021ZZ Central Office Headquarters (Washington, DC)

### CheckList Information

<b>Name :</b>	OAH S-2	<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:	
Confirm DCV is Disabled (Demand Controlled Ventilation)	
Outside Air Measurement Method (Direct PT or SA-RA PT)	Since the unit is a 100% Outdoor air unit the supply duct was traversed to obtain total outdoor air flow
Outside Air CFM Measured: (Maximum and Minimum OA CFM)	
If Outside Air CFM is determined by Supply - Return air CFM, document the Measured Return Air CFM:	This does not apply, unit is 100% OA
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%.]	No damper for Unit this is a dedicated OA unit
Does AHU have full air side economizer?	No
<b>AHU Information &amp; Verification. Include Photo Documentation</b>	
Attach Photos of AHU Nameplate.	
Pre-Filter MERV Rating (or NA)	
Pre-Filter Size	

Final Filter MERV Rating

Final Filter Size

Belts - Visual Assessment of condition

Belts - Size and quantity

BX-70 x3

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.

Not applicable, the unit brings in 100% OA

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

Electrical connections - Visual assessment. Document motor Voltage and Amperage.

Heating Coil(s) - Visual assessment and photo documentation.

Cooling Coil(s) - Visual assessment and photo documentation.

Condensate Pan(s) - Visual assessment and photo documentation.

Any unusual operation observed? (including vibration, over-pressure, etc.)

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

Visually inspect outdoor air intake louvers, bird screens, mist eliminators, and adjacent areas for cleanliness and integrity.

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.

List any found deficiencies. Note any remarks or comments, including corrective actions. Include photo documentation of any relevant findings.

## GSA DC0021ZZ Central Office Headquarters (Washington, DC)

### CheckList Information

**Name :** OAH SE-2 **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:	SAME AS OA 10,388 CFM
Confirm DCV is Disabled (Demand Controlled Ventilation)	YES
Outside Air Measurement Method (Direct PT or SA-RA PT)	TRAVERSE OF THE SUPPLY AIR DUCT. UNIT IS 100% OA
Outside Air CFM Measured: (Maximum and Minimum OA CFM)	10,388 CFM
If Outside Air CFM is determined by Supply - Return air CFM, document the Measured Return Air CFM:	NOT APPLICABLE. UNIT IS DEDICATED OA
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%.]	LOUVERS ARE 100% OPEN
Does AHU have full air side economizer?	No
<b>AHU Information &amp; Verification. Include Photo Documentation</b>	
Attach Photos of AHU Nameplate.	Yes
Pre-Filter MERV Rating (or NA)	NOT LISTED ON PREFILTER. LOOKS TO BE MERV7 or 8
Pre-Filter Size	8- 20X20X2
Final Filter MERV Rating	MERV-15

Final Filter Size	8-20X20X4
Belts - Visual Assessment of condition	BELTS ARE IN GOOD CONDITION
Belts - Size and quantity	2- B44
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.	UNIT IS 100% OA
Note if any modifications made to AHU set points to operate in full capacity.	BAS OPERATOR PUT ALL VAVS AT 100% FLOW SET-POINT. SP SET-POINT OF 1.00" WAS NOT ENOUGH TO SATISFY ALL VAVS. SP SET-POINT WAS INCREASED TO 2.20" TO SATISFY ALL VAVS WITH FAN SPEED AT 100%.
Electrical connections - Visual assessment. Document motor Voltage and Amperage.	CONNECTIONS ARE SECURE VOLTS-460V AMPS-16.6A
Heating Coil(s) - Visual assessment and photo documentation.	HEATING COILS ARE IN GOOD CONDITION, NO DAMAGED FINS
Cooling Coil(s) - Visual assessment and photo documentation.	COOLING COILS ARE IN GOOD CONDITION. NO DAMGED FINS
Condensate Pan(s) - Visual assessment and photo documentation.	CONDENSATE PAN IS FREE OF DEBRIS
Any unusual operation observed? (including vibration, over-pressure, etc.)	NO UNUSUAL ITEMS TO NOTE
Exhaust System Status (on/off). If this does not apply for this AHU, "N/A"	UNIT HAS ERV. WHEEL IS NOT TURNING DIRING TESTING
Visually inspect outdoor air intake louvers, bird screens, mist eliminators, and adjacent areas for cleanliness and integrity.	LOUVERS ARE FREE OF DAMAGE AND DEBRIS
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 only a few leaves stuck on the air intake louvers. Nothing that will obstruct flow significantly
List any found deficiencies. Note any remarks or comments, including corrective actions. Include photo documentation of any relevant findings.	There are no other comments or deficiencies