Report By:

National TAB
1329 E. KEMPER ROAD
SUITE 4210
CINCINNATI, OH 45246

NATIONAL TAB

Comfort. Under control.

Report: Test, Adjust, & Balance

Date: 2/9/2022

PROJECT

GSA - MD0055ZZ G.H. Fallon Building (Baltimore, MD)

31 HOPKINS PLZ

Baltimore, MD

Client

44-A Peapack Road

Far hills, NJ 07931

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Project: GSA - MD0055ZZ G.H. Fallon Building (Baltimore, MD)

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ASHRAE 62.1 Minimum Ventilation Rates		
Occupancy Category	CFM/Person	CFM/Sqft
Office Building	5	0.06

Air Handling Units

UNIT	Area Served	Space Type(s) Served	Sq Ft of Serviced Area	Occupant Population	SUPPLY CFM		HVAC RETURN		OUTDOOR Air CFM		Ashrae 62.1 calculated ventilation Rates (CFM)	Notes
					DESIGN	ACTUAL	DESIGN	ACTUAL	DESIGN	ACTUAL		
AHU-1	Lobby 16 - 9 and Tenant 8 - 3	Common/ Office Areas	138,540	811	22,115	19,508	0	0	22,115	19,508	12367.4	
AHU-2	Tenant 16 - 9 and Lobby 8 - 3	Common/ Office Areas	154,625	1001	30,125	33,851	0	0	30,125	33,851	14282.5	
AHU-3	O.A. to AHUs on East Side B - 2nd	Not Provided	83,210	677	21,750	20,956	0	0	21,750	20,956	8377.6	
AHU-4	1st FL West	Not Provided	21,190	77	21,740	25,784	17,440	15,953	4,300	9,831	1656.4	
AHU-5	1st and 2nd Fl Lobby	Not Provided	22,335	10	11,000	10,105	8,450	3,672	2,550	6,433	1390.1	
AHU-6	1st Fl East	Not Provided	11,830	73	11,000	14,030	8,700	9,482	2,300	4,548	1074.8	
AHU-7	2nd Fl East	Not Provided	11,920	81	12,500	12,744	9,900	10,024	2,600	2,720	1120.2	
AHU-8	2nd Fl West	Not Provided	20,590	80	18,500	23,982	15,080	17,391	3,420	6,591	1635.4	
AHU-9	O.A. to AHUs West G and 2nd Fl	Not Provided	61,440	319	13,650	12,681	0	0	13,650	12,681	5281.4	
AHU-10	IRS MTS and TAC	Not Provided	11,425	69	11,000	13,246	8,800	11,254	2,200	1,992	1030.5	
AHU-11	Ground Fl. North West (VA O.I.G.)	Not Provided	9,115	28	6,000	8,280	4,820	7,668	1,180	612	686.9	
AHU-12	DHS CIS Fingerprint	Not Provided	4,810	22	2,800	3,437	1,870	3,134	930	303	398.6	
AHU-13	Ground Fl. West (V.A. Conference)	Not Provided	2,215	15	1,800	1,992	1,160	1,836	640	156	207.9	
AHU-14	Fitness Center	Not Provided	5,075	45	4,500	5,319	2,600	3,306	1,900	2,013	529.5	
AHU-15	Day Care Center/Credit Union	Not Provided	10,550	47	8,600	11,742	6,600	8,280	2,000	3,462	868	
AHU-16	West Building Conference Rooms	Not Provided	9,085	45	6,800	8,542	5,480	8,188	1,320	354	770.1	
AHU-17	Ground Fl. South Central (Café Area)	Not Provided	7,015	122	9,000	9,499	5,100	6,947	3,900	2,552	1030.9	
AHU-18	South VBA Class Rooms 2-6	Not Provided	10,690	97	10,500	12,364	7,400	10,819	3,100	1,545	1126.4	
AHU-19	Ground Fl. East Corridor and V.B.A.	Not Provided	8,965	63	9,500	10,211	7,500	7,569	2,000	2,642	852.9	
AHU-20	VBA Offices/Class 1 & Pass. Elevator Lobby	Not Provided	11,915	75	8,700	11,813	6,300	8,823	2,400	2,990	1089.9	
AHU-21	Basement VBA Space East of Roadway	Not Provided	9,450	97	10,000	13,020	6,900	10,687	3,100	2,333	1052	
AHU-24 USMS	USMS Space in Basement	Not Provided	8,777	10	4,025	4,328	2,525	1,601	1,500	2,727	576.62	

[1] Design Outdoor Air CFM is less than ASHRAE Minimum Ventilation Rates based on occupancy and areas served information. Recommend adjusting and balancing to achieve ventilation airflow quantities.

[2] Actual measured outdoor air CFM is less than ASHRAE minimum. Recommend testing, adjusting, and balancing to achieve optimum air flow rates.

[3] Information not provided. Requesting information for the Occupancy Population and Sqft of serviced area. Population and sqft area must be provided to draw accurate conclusions and to compate ventilation rates to design and actual measurements.