

PACKAGED ROOFTOP UNIT SCHEDULE

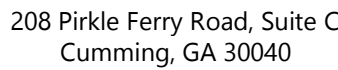
NOTES

1. PROVIDE FILTERS, FLEXIBLE CONNECTIONS, PROGRAMMABLE T-STAT, AND CONDENSATE P-TRAP AND PIPING TO DISCHARGE INTO ROOF DRAIN.
2. VERIFY ELECTRICE POWER REQUIREMENTS WITH ELECTRICAL PLANS, WHICH TAKE PRECEDENCE OVER THIS INFORMATION.
3. ROOF TOP UNITS SHALL HAVE MEDIUM STATIC MOTOR.
4. PROVIDE MANUFACTURER'S SUPPLY AIR SMOKE DETECTOR. ELECTRICAL SHALL INTERLOCK IT WITH BUILDING FIRE ALARM SYSTEM. PROVIDE MANUFACTURER'S INTEGRAL CONDENSATE OVERFLOW SWITCH.
5. PROVIDE BUILT-IN HUMID-MIZER ADAPTIVE DEHUMIDIFICATION SYSTEM.
6. PROVIDE FLUE DISCHARGE DEFLECTOR THAT DEFLECTS FLUE UPWARD. PROVIDE FLUE DISCHARGE HEAT SHIELD.
7. 2-STAGE COOLING. PROVIDE 2-SPEED INDOOR FAN CONTROLLED. PROVIDE DIRECT DRIVE ECO BLUE EVAPORATOR FAN MOTOR.
8. UNDER HEATING MODE SUPPLY CFM SHALL BE SET TO PROVIDE 10% OF AIR. UNDER COOLING MODE STAGE FAN TO MATCH COOLING STAGE.
9. PROVIDE GLOBAL PLASMA SOLUTIONS COMPACT SELF-CLEANING IONIZATION SYSTEM. REFER TO SCHEDULE PROVIDED.
10. PROVIDE MANUFACTURER'S UL60335-2-40 APPROVED R-454B DISSIPATION BOARD AND LEAK SENSOR.
11. PROVIDE STANDARD LEAK TEMPERATURE ECONOMIZER WITH BAROMETRIC RELIEF.
12. PROVIDE ELECTROMECHANICAL CONTROLS WITH POL224. PROVIDE THRU THE BOTTOM CONNECTIONS, ROOF CURB, AND LOUVERED HALL GUARDS.

MARK	LAOUT BASIS		AIRFLOW		FANS			COOLING COIL					HEATING COIL (GAS HEAT)					ELECTRICAL		UNIT WEIGHT (LBS)	NOTES	
	MANUFACTURER	MODEL NO.	TOTAL (CFM)	OUTSIDE (CFM)	SUPPLY FAN ARRAY			AIRSIDE PROPERTIES					GAS INPUT (MAX) MBH	GAS INPUT (MIN) MBH	GAS OUTPUT (MAX) MBH	GAS OUTPUT (MIN) MBH	EAT (F)	STAGE 1 LAT (F)	VOLT/PH			
					FAN (RPM)	ESP (IN.WG)	BHP	EAT DB (F)	EAT WB (F)	LAT DB (F)	LAT WB (F)	TMBH										SMBH
RTU-1	CARRIER	48GEDN04M2M5-880A0	1050	190	1643	0.60	0.32	80.0	67.0	58.2	56.7	38.9	28.3	67	50	54	40	61.0	96.0	208/3	800	1:2:3:4:5:6:7:8:9:10:11:12
RTU-2	CARRIER	48GEDN05M2M5-880A0	1400	250	1846	0.60	0.68	80.0	67.0	57.7	56.7	31.9	38.5	67	50	54	40	61.0	87.0	208/3	800	1:2:3:4:5:6:7:8:9:10:11:12
RTU-3	CARRIER	48GEDN04M2M5-880A0	1050	190	1643	0.60	0.32	80.0	67.0	58.2	56.7	38.9	28.3	67	50	54	40	61.0	96.0	208/3	800	1:2:3:4:5:6:7:8:9:10:11:12

NOTES

- | MARK | LOCATION | | LAYOUT BASIS | | FAN PROPERTIES | | | | AIRFLOW PROPERTIES | | ELECTRICAL | | | WEIGHT (LBS) | NOISE CRITERIA (SONES) | NOTES |
|-------|---------------|--------|--------------|---------|------------------------|------------|--------------------|------|--------------------|-------------|---------------|-------------|-------|--------------|------------------------|--------|
| | NAME | NUMBER | MANUFACTURER | MODEL | FAN TYPE | DRIVE TYPE | TIP SPEED (FT/MIN) | RPM | AIRFLOW (CFM) | TSP (IN.WG) | POWER EA (HP) | VOLTAGE (V) | PHASE | | | |
| EF-1 | TOILET | 215 | GREENHECK | SP-A200 | CEILING EXHAUST FAN | DIRECT | 0 | 650 | 120 | 0.25 | 0.00 | 115 | 1 | 25 | 1.1 | 1:23:4 |
| EF-2 | TOILET | 218 | GREENHECK | SP-A200 | CEILING EXHAUST FAN | DIRECT | 0 | 650 | 120 | 0.25 | 0.00 | 115 | 1 | 25 | 1.1 | 1:34 |
| EF-3 | JAN. | 216 | GREENHECK | SP-B110 | CEILING EXHAUST FAN | DIRECT | 0 | 704 | 70 | 0.25 | 0.00 | 115 | 1 | 10 | 0.4 | 1:23.5 |
| EF-4 | TOILET | 203 | GREENHECK | SP-A200 | CEILING EXHAUST FAN | DIRECT | 0 | 650 | 120 | 0.25 | 0.00 | 115 | 1 | 25 | 1.1 | 1:23.4 |
| EF-5 | TOIL./SHWR | 128 | GREENHECK | SP-A200 | CEILING EXHAUST FAN | DIRECT | 0 | 650 | 120 | 0.25 | 0.00 | 115 | 1 | 25 | 1.1 | 1:23.4 |
| EF-6 | TOIL./SHWR | 126 | GREENHECK | SP-A200 | CEILING EXHAUST FAN | DIRECT | 0 | 650 | 120 | 0.25 | 0.00 | 115 | 1 | 25 | 1.1 | 1:23.4 |
| EF-7 | TOIL./SHWR | 127 | GREENHECK | SP-A200 | CEILING EXHAUST FAN | DIRECT | 0 | 650 | 120 | 0.25 | 0.00 | 115 | 1 | 25 | 1.1 | 1:23.4 |
| EF-8 | TOIL./SHWR | 114 | GREENHECK | SP-A200 | CEILING EXHAUST FAN | DIRECT | 0 | 650 | 120 | 0.25 | 0.00 | 115 | 1 | 25 | 1.1 | 1:23.4 |
| EF-9 | JAN | 112 | GREENHECK | SP-B110 | CEILING EXHAUST FAN | DIRECT | 0 | 704 | 70 | 0.25 | 0.00 | 115 | 1 | 10 | 0.4 | 1:35 |
| EF-10 | APPARATUS BAY | 133 | GREENHECK | AER-30 | SIDEWALL PROPELLER FAN | DIRECT | 13802 | 1750 | 8000 | 0.70 | 1.50 | 208 | 3 | 320 | 51 | 1:67.8 |
| EF-11 | GEAR | 134 | GREENHECK | SP-A710 | CEILING EXHAUST FAN | DIRECT | 0 | 903 | 500 | 0.25 | 0.00 | 115 | 1 | 35 | 1.1 | 1:34.5 |
| EF-12 | DECON | 129 | GREENHECK | SP-A250 | CEILING EXHAUST FAN | DIRECT | 0 | 1000 | 250 | 0.25 | 0.00 | 115 | 1 | 25 | 2.5 | 1:34.5 |
| EF-13 | TOILET | 102 | GREENHECK | SP-A125 | CEILING EXHAUST FAN | DIRECT | 0 | 1057 | 100 | 0.25 | 0.00 | 115 | 1 | 20 | 0.6 | 1:23.4 |
| EF-14 | TOILET | 107 | GREENHECK | SP-A125 | CEILING EXHAUST FAN | DIRECT | 0 | 1057 | 100 | 0.25 | 0.00 | 115 | 1 | 20 | 0.6 | 1:23.4 |
| EF-15 | STORAGE | 301 | GREENHECK | AER-24 | SIDEWALL PROPELLER FAN | DIRECT | 7326 | 1160 | 2500 | 0.65 | 0.50 | 208 | 3 | 260 | 15.6 | 1:67.8 |



FIRE STATION #23

City of Covington

HIGHWAY 36
COVINGTON, GA 30014

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Sheet Title

MECHANICAL SCHEDULES

Sheet No.

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