THE LINE SHOWN ABOVE IS EXACTLY ONE HOUR LONG AT FULL SIZE

VARIABLE/CONSTANT VOLUME TERMINAL BOX SCHEDULE

MARK	DESIGN AIRFLOW (CFM)	MINIMUM COOLING (CFM)	MINIMUM HEATING (CFM)	UNOCCUPIED AIRFLOW (CFM)	DUCT RUNOUT SIZE	HEATING CAPACITY (kW)	VOLTAGE	EAT DB (°F)	LAT DB (°F)
RTU-1									
1-1	750	300	300	N/A	10"Ø	3.5	480/3/60	54	90
1-2	325	150	150	150	8"Ø	1.5	480/3/60	54	90
1-3	275	150	150	125	8"Ø	1.5	480/3/60	54	90
1-4	275	150	150	125	8"Ø	1.5	480/3/60	54	90
1-5	275	150	150	125	8"Ø	1.5	480/3/60	54	90
1-6	275	150	150	125	8"Ø	1.5	480/3/60	54	90
1-7	275	150	150	125	8"Ø	1.5	480/3/60	54	90
1-8	275	150	150	125	8"Ø	1.5	480/3/60	54	90
1-9	275	150	150	125	8"Ø	1.5	480/3/60	54	90
1-10	275	150	150	125	8"Ø	1.5	480/3/60	54	90
1-11	275	150	150	125	8"Ø	1.5	480/3/60	54	90
1-12	675	275	550	N/A	10"Ø	6.5	480/3/60	54	90
1-13	1,350	550	700	N/A	14"Ø	8.0	480/3/60	54	90
1-14	750	300	300	N/A	10"Ø	3.5	480/3/60	54	90
1-15	275	150	150	125	8"Ø	1.5	480/3/60	54	90
1-16	325	150	150	150	8"Ø	1.5	480/3/60	54	90
1-17	275	150	150	125	8"Ø	1.5	480/3/60	54	90
1-18	275	150	150	125	8"Ø	1.5	480/3/60	54	90
1-19	275	150	150	125	8"Ø	1.5	480/3/60	54	90
1-20	275	150	150	125	8"Ø	1.5	480/3/60	54	90
1-21	275	150	150	125	8"Ø	1.5	480/3/60	54	90
1-22	275	150	150	125	8"Ø	1.5	480/3/60	54	90
1-23	275	150	150	125	8"Ø	1.5	480/3/60	54	90
1-24	275	150	150	125	8"Ø	1.5	480/3/60	54	90
1-25	675	275	550	N/A	10"Ø	6.5	480/3/60	54	90
1-26	375	150	325	N/A	8"Ø	3.5	480/3/60	54	90
1-27	900	375	550	N/A	12"Ø	6.5	480/3/60	54	90
1-28	350	350	350	N/A	8"Ø	4.0	480/3/60	54	90
TOTAL	11,425	5,575	6,625			72.0			

NOTES:

1. ALL BOXES TO BE PRESSURE INDEPENDENT, 0.5" MAX AIR PRESSURE DROP, MAX NC RATING OF 35.
2. BASIS OF DESIGN IS JCI FOR TERMINAL BOXES. MINIMUM SETPOINTS SHALL BE NO LOWER THAN MANUFACTURER'S RECOMMENDED AIRFLOW FOR A GIVEN BOX SIZE IN ORDER TO MAINTAIN MINIMUM VELOCITY ACROSS AIRFLOW MEASUREMENT AND COIL. MINIMUMS ARE: 4"ø - 30 CFM, 6"ø - 55 CFM, 8"ø - 105 CFM, 10"ø - 165 CFM, 12"ø - 240 CFM, 14"ø - 335 CFM, 16"ø - 440 CFM. ADDITIONALLY, HEATING MINIMUM SETPOINTS SHALL PROVIDE A MINIMUM OF 70 CFM PER kW OF COIL RATING.
3. DUCT RUN-OUT SIZE DOES NOT MEAN INLET BOX SIZE. A TRANSITION MAY BE REQUIRED.
4. BOXES SHALL HAVE SINGLE POINT CONNECTION ON NORMAL POWER. DAMPERS SHALL FAIL IN LAST POSITION.

VARIABLE/CONSTANT VOLUME TERMINAL BOX SCHEDULE

MARK	DESIGN AIRFLOW (CFM)	MINIMUM COOLING (CFM)	MINIMUM HEATING (CFM)	UNOCCUPIED AIRFLOW (CFM)	DUCT RUNOUT SIZE	HEATING CAPACITY (kW)	VOLTAGE	EAT DB (°F)	LAT DB (°F)
RTU-2									
2-1	275	175	175	125	8"Ø	2.0	480/3/60	54	90
2-2	275	175	175	125	8"Ø	2.0	480/3/60	54	90
2-3	250	175	175	100	8"Ø	2.0	480/3/60	54	90
2-4	250	175	175	100	8"Ø	2.0	480/3/60	54	90
2-5	250	175	175	100	8"Ø	2.0	480/3/60	54	90
2-6	250	175	175	100	8"Ø	2.0	480/3/60	54	90
2-7	250	175	175	100	8"Ø	2.0	480/3/60	54	90
2-8	250	175	175	100	8"Ø	2.0	480/3/60	54	90
2-9	250	175	175	100	8"Ø	2.0	480/3/60	54	90
2-10	575	575	575	N/A	10"Ø	6.5	480/3/60	54	90
2-11	100	100	100	N/A	6"Ø	1.0	480/3/60	54	90
2-12	675	275	475	N/A	10"Ø	5.5	480/3/60	54	90
2-13	425	175	175	N/A	10"Ø	2.0	480/3/60	54	90
2-14	275	125	125	N/A	8"Ø	1.5	480/3/60	54	90
2-15	125	50	50	50	6"Ø	0.5	480/3/60	54	90
2-16	275	175	175	125	8"Ø	2.0	480/3/60	54	90
2-17	275	175	175	125	8"Ø	2.0	480/3/60	54	90
2-18	250	175	175	100	8"Ø	2.0	480/3/60	54	90
2-19	250	175	175	100	8"Ø	2.0	480/3/60	54	90
2-20	250	175	175	100	8"Ø	2.0	480/3/60	54	90
2-21	250	175	175	100	8"Ø	2.0	480/3/60	54	90
2-22	250	175	175	100	8"Ø	2.0	480/3/60	54	90
2-23	250	175	175	100	8"Ø	2.0	480/3/60	54	90
2-24	575	575	575	N/A	10"Ø	6.5	480/3/60	54	90
2-25	250	175	175	100	8"Ø	2.0	480/3/60	54	90
2-26	150	75	100	75	6"Ø	1.0	480/3/60	54	90
2-27	375	150	200	N/A	8"Ø	2.5	480/3/60	54	90
2-28	900	375	500	N/A	12"Ø	5.5	480/3/60	54	90
2-29	625	625	625	N/A	10"Ø	7.0	480/3/60	54	90
2-30	600	600	600	N/A	10"Ø	7.0	480/3/60	54	90
2-31	200	100	100	N/A	6"Ø	1.0	480/3/60	54	90
2-32	400	175	175	N/A	8"Ø	2.0	480/3/60	54	90
2-33	675	275	275	N/A	10"Ø	3.0	480/3/60	54	90
2-34	900	375	450	N/A	12"Ø	5.0	480/3/60	54	90
2-35	425	175	175	175	10"Ø	2.0	480/3/60	54	90
TOTAL	12,600	7,950	8,425			95.5			

NOTES:

1. ALL BOXES TO BE PRESSURE INDEPENDENT, 0.5" MAX AIR PRESSURE DROP, MAX NC RATING OF 35.
2. BASIS OF DESIGN IS JCI FOR TERMINAL BOXES. MINIMUM SETPOINTS SHALL BE NO LOWER THAN MANUFACTURER'S RECOMMENDED AIRFLOW FOR A GIVEN BOX SIZE IN ORDER TO MAINTAIN MINIMUM VELOCITY ACROSS AIRFLOW MEASUREMENT AND COIL. MINIMUMS ARE: 4"ø - 30 CFM, 6"ø - 55 CFM, 8"ø - 105 CFM, 10"ø - 165 CFM, 12"ø - 240 CFM, 14"ø - 335 CFM, 16"ø - 440 CFM. ADDITIONALLY, HEATING MINIMUM SETPOINTS SHALL PROVIDE A MINIMUM OF 70 CFM PER kW OF COIL RATING.
3. DUCT RUN-OUT SIZE DOES NOT MEAN INLET BOX SIZE. A TRANSITION MAY BE REQUIRED.
4. BOXES SHALL HAVE SINGLE POINT CONNECTION ON NORMAL POWER. DAMPERS SHALL FAIL IN LAST POSITION.

VARIABLE/CONSTANT VOLUME TERMINAL BOX SCHEDULE

MARK	DESIGN AIRFLOW (CFM)	MINIMUM COOLING (CFM)	MINIMUM HEATING (CFM)	UNOCCUPIED AIRFLOW (CFM)	DUCT RUNOUT SIZE	HEATING CAPACITY (kW)	VOLTAGE	EAT DB (°F)	LAT DB (°F)
RTU-3									
3-1	200	100	125	N/A	6"Ø	1.5	480/3/60	54	90
3-2	125	50	75	N/A	6"Ø	1.0	480/3/60	54	90
3-3	400	175	175	175	8"Ø	2.0	480/3/60	54	90
3-4	225	100	100	100	8"Ø	1.0	480/3/60	54	90
3-5	225	100	100	100	8"Ø	1.0	480/3/60	54	90
3-6	100	50	75	50	6"Ø	1.0	480/3/60	54	90
3-7	100	50	75	50	6"Ø	1.0	480/3/60	54	90
3-8	575	250	375	N/A	10"Ø	4.5	480/3/60	54	90
3-9	250	100	100	100	8"Ø	1.0	480/3/60	54	90
3-10	200	100	150	N/A	6"Ø	1.5	480/3/60	54	90
3-11	700	300	500	N/A	10"Ø	5.5	480/3/60	54	90
3-12	525	250	250	225	10"Ø	3.0	480/3/60	54	90
3-13	400	175	175	N/A	8"Ø	2.0	480/3/60	54	90
3-14	350	350	350	N/A	8"Ø	4.0	480/3/60	54	90
3-15	1,600	700	700	650	14"Ø	8.0	480/3/60	54	90
3-16	550	550	550	N/A	10"Ø	6.5	480/3/60	54	90
3-17	450	200	300	N/A	10"Ø	3.5	480/3/60	54	90
3-18	300	125	200	N/A	8"Ø	2.5	480/3/60	54	90
3-19	1,200	525	525	500	12"Ø	6.0	480/3/60	54	90
3-20	650	275	275	275	10"Ø	3.0	480/3/60	54	90
3-21	1,300	525	525	525	14"Ø	6.0	480/3/60	54	90
3-22	1,400	575	575	N/A	14"Ø	6.5	480/3/60	54	90
3-23	250	100	125	N/A	8"Ø	1.5	480/3/60	54	90
3-24	900	800	800	375	12"Ø	9.0	480/3/60	54	90
3-25	1,125	1,000	1,000	450	12"Ø	11.5	480/3/60	54	90
3-26	250	225	225	N/A	8"Ø	2.5	480/3/60	54	90
3-27	150	150	150	75	6"Ø	1.5	480/3/60	54	90
3-28	900	375	650	N/A	12"Ø	7.5	480/3/60	54	91
3-29	300	275	275	125	8"Ø	3.5	480/3/60	54	92
3-30	1,000	600	600	400	12"Ø	7.0	480/3/60	54	90
TOTAL	16,700	9,150	10,100			116.0			

NOTES:

1. ALL BOXES TO BE PRESSURE INDEPENDENT, 0.5" MAX AIR PRESSURE DROP, MAX NC RATING OF 35.
2. BASIS OF DESIGN IS JCI FOR TERMINAL BOXES. MINIMUM SETPOINTS SHALL BE NO LOWER THAN MANUFACTURER'S RECOMMENDED AIRFLOW FOR A GIVEN BOX SIZE IN ORDER TO MAINTAIN MINIMUM VELOCITY ACROSS AIRFLOW MEASUREMENT AND COIL. MINIMUMS ARE: 4"ø - 30 CFM, 6"ø - 55 CFM, 8"ø - 105 CFM, 10"ø - 165 CFM, 12"ø - 240 CFM, 14"ø - 335 CFM, 16"ø - 440 CFM. ADDITIONALLY, HEATING MINIMUM SETPOINTS SHALL PROVIDE A MINIMUM OF 70 CFM PER kW OF COIL RATING.
3. DUCT RUN-OUT SIZE DOES NOT MEAN INLET BOX SIZE. A TRANSITION MAY BE REQUIRED.
4. BOXES SHALL HAVE SINGLE POINT CONNECTION ON NORMAL POWER. DAMPERS SHALL FAIL IN LAST POSITION.

ENVIRONMENTS FOR HEALTH ARCHITECTURE
e4h
888.781.8441 817.229.1917 801 Cherry St. Ste. 500, Fort Worth, TX 76102 e4harchitecture.com

© 2025 E4H - Environments For Health, LLC

exalt health

RYAN

ICT
I.C. Thomasson Associates, Inc.
A Salas O'Brien Company
2950 Kraft Drive
Nashville, TN 37204
PHONE 615-346-3400
https://www.ictthomasson.com/
ICT Project No. 2545-02546

FIRM CERTIFICATE OF AUTHORIZATION: CA-1276

ELECTRICAL ENGINEER
FLORIDA REGISTRATION:
JOSHUA R. CARTWRIGHT, P.E. #71893

MECHANICAL ENGINEER
FLORIDA REGISTRATION:
ZACHARY N. McCOY, P.E. #93060

EXALT HEALTH
40 BED REHAB HOSPITAL - PANAMA CITY BEACH
2851 HWY 77
PANAMA CITY, FLORIDA 32405

PROJECT: H002125

Δ	DATE	DESCRIPTION

NOT FOR CONSTRUCTION

ORIG SUBMISSION: 02/13/26
CURRENT:

SHEET TITLE AND NUMBER:

M0.03

MECHANICAL - SCHEDULES