

New Rooftop Unit Schedule

Result Tags	Qty	Manufacturer /Model	Tons	Unit efficiency	Design Airflow cfm	Ambient Temp F	Gross Total Capacity MBh	Gross Sensible Capacity MBh	Cooling EDB F	Cooling EWB F	Evap Coil		Design ESP In H2O	Heating capacity	Voltage	EER @ AHRI Conditions EER	IEER Rating	MCA A	MOP A	Evaprat of Fan FLA A	Conden ser Fan FLA A	Compre ssor 1 RLA A	Compre ssor 2 RLA A	Compre ssor Power kW	Outdoor Motor Power kW	Indoor Motor Power kW	Indoor Mtr. Operating Power bhp	Max Unit Operating Weight lb	Comments
											Temp (DB) F	Temp (WB) F																	
RTU 3-1A	1	TRANE PRECEDENT TYHC092F3	7.5 Tons	High efficiency	2800	95	90.5	68.7	77.9	67.1	55.21	55.21	1	9 kW3ph@240,480,600 derate to unit volt	208-230/60/3	12.4	14.7	34.5	40	8.5	2.7	19.6	10.4	7.79	0.53	1.29	1.73	1675	

- The following options are to be provided:
- CO2 Sensors
 - Coil Coating per Division 15 Specifications
 - Motorized Outside Air Damper

WATER COOLED CHILLER SCHEDULE (EXISTING TO REMAIN)

TAG	MODEL NUMBER	CAPACITY	KW/TON (MAX)	COOLER						CONDENSER						COMPRESSOR													
				GPM	TEMP.IN	TEMP. OUT	PRESS DROP	FOUL FACTOR	PASSES	GPM	TEMP.IN	TEMP. OUT	PRESS DROP	FOUL FACTOR	PASSES	KW	RLA	VOLTAGE											
		TONS			F	F	FT																						
CH-1	CVHE-025-3C-3D	180	0.64	432	55	45	12.0	0.00025	2	540	85	94.5	13.4	0.00025	2	116	155	480-3-60											
CH-2	CVHE-025-3C-3D	180	0.64	432	55	45	12.0	0.00025	2	540	85	94.5	13.4	0.00025	2	116	155	480-3-60											

NOTES:

OUTSIDE AIR CALCULATION PER SBBC DESIGN CRITERIA 2A-6A

UNIT TAG	NEW UNIT TAG	OCCUPANCY	CFM/PERSON	OUTSIDE AIR	UNIT	NEW UNIT TAG	OCCUPANCY	CFM/PERSON	OUTSIDE AIR
AHU-1	AHU-1-1A	25	10	250	FCU-36	FCU-5-36A	30	5	150
FCU-2	FCU-1-2A	10	5	50	FCU-37	FCU-5-37A	30	5	150
FCU-3	FCU-1-3A	20	5	100	FCU-38	FCU-5-38A	30	5	150
FCU-4	FCU-1-4A	30	5	150	FCU-39	FCU-5-39A	30	5	150
FCU-5	FCU-1-5A	20	5	100	FCU-40	FCU-5-40A	30	5	150
FCU-6	FCU-1-6A	10	5	50	FCU-41	FCU-5-41A	30	5	150
FCU-7	FCU-1-7A	30	5	150	FCU-42	FCU-5-42A	30	5	150
FCU-8	FCU-1-8A	30	5	150	FCU-43	FCU-5-43A	30	5	150
FCU-9	FCU-1-9A	30	5	150	FCU-44	FCU-6-44A	30	5	150
AHU-10	AHU-2-10A	15	10	150	FCU-45	FCU-6-45A	30	5	150
AHU-11	AHU-2-11A	160	5	800	FCU-46	FCU-6-46A	30	5	150
AHU-12	AHU-2-12A	250	5	1250	FCU-47	FCU-6-47A	30	5	150
AHU-13	AHU-2-13A	50	5	250	FCU-48	FCU-6-48A	30	5	150
AHU-14	AHU-2-14A	50	5	250	FCU-49	FCU-6-49A	30	5	150
FCU-16	FCU-2-16A	24	5	120	FCU-50	FCU-6-50A	30	5	150
FCU-17	FCU-2-17A	10	5	50	FCU-51	FCU-1-51A	10	10	100
FCU-18	FCU-2-18A	30	5	150					
FCU-19	FCU-2-19A	24	5	120					
AHU-20	AHU-3-20A	55	5	275					
AHU-21	AHU-3-21A	55	5	275					
FCU-22	FCU-4-22A	30	5	150					
FCU-23	FCU-4-23A	30	5	150					
FCU-24	FCU-4-24A	30	5	150					
FCU-25	FCU-4-25A	30	5	150					
FCU-26	FCU-4-26A	30	5	150					
FCU-27	FCU-4-27A	30	5	150					
FCU-28	FCU-4-28A	30	5	150					
FCU-29	FCU-4-29A	30	5	150					
FCU-30	FCU-4-30A	30	5	150					
FCU-31	FCU-5-31A	30	5	150					
FCU-32	FCU-5-32A	30	5	150					
FCU-33	FCU-5-33A	30	5	150					
FCU-34	FCU-5-34A	30	5	150					
FCU-35	FCU-5-35A	30	5	150					

DUCT HEATER SCHEDULE

HEATER NUMBER	SYSTEM	CFM	KW	VOLTS	DUCT SIZE	MANUAL - MDL.
EDH-1A	AHU-1-1A	6120	10	480/3	24	GREENHECK - IDHC
EDH-10A	AHU-2-10A	4200	7.5	480/3	16	GREENHECK - IDHC
EDH-11A	AHU-2-11A	8090	10	480/3	36	GREENHECK - IDHC
EDH-12A	AHU-2-12A	8090	10	480/3	70	GREENHECK - IDHC
EDH-13A	AHU-2-13A	2620	7.5	480/3	32	GREENHECK - IDHC
EDH-14A	AHU-2-14A	2680	7.5	480/3	32	GREENHECK - IDHC
EDH-20A	AHU-3-20A	2725	7.5	480/3	36	GREENHECK - IDHC
EDH-21A	AHU-3-21A	3310	7.5	480/3	36	GREENHECK - IDHC

- REQUIREMENTS & NOTE: (THESE NOTES APPLY TO ALL HEATER UNITS)
- THE CONTRACTOR SHALL BE FURNISH AND INSTALL ELECTRIC DUCT HEATERS AS SCHEDULED ABOVE. HEATER SHALL BE UL LABELED EQUIPPED WITH AIR PRESSURE SWITCH, FAN INTERLOCK RELAY FUSED DISCONNECT SWITCH, FACTORY INSULATED BUS IN CONTROL PANEL PRIMARY DISCONNECT TYPE AUTOMATIC RESET HIGH LIMIT, SECONDARY HIGH LIMITS OF FUSIBLE LINKS. THREE PHASE HEATER SHALL HAVE BALANCED PHASE. FURNISH EACH WITH 24 VOLT CONTROL TRANSFORMER AND PRIMARY FUSING. FURNISH TIME DELAY BETWEEN HEATER STAGES.
 - HEATER SHALL BE UL LISTED FOR ZERO CLEARANCE SHALL MEET ALL NECESSARY REQUIREMENT PROVIDED MINIMUM OF 4 FT. CLEARANCE FROM AIR HANDLER ELBOWS TRANSITIONS EXTRACTOR OR SIMILAR DEVICES.

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NO.	DATE	DESCRIPTION
1	02/23/18	BUILDING DEPARTMENT COMMENTS

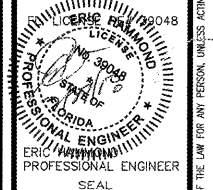
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THE SCHOOL BOARD OF BROWARD COUNTY



MECHANICAL SCHEDULE CONTD

100% SUBMITTAL
 JOB PHASE: P-001632
 SBBC PROJECT: P-001632
 DATE: 12/13/16
 SCALE: AS SHOWN
 DRAWN BY: HA
 CHECKED BY: E.H.
 CAE PROJECT NO. 2015.55



DRAWING No.
M-401