

850 THIRD AVENUE

									·					·			AC U	NIT SCHEDU	JLE																MAM	MOTH AS S
						Wise	E COIL											DXCO	il							CLIDDI				Ell TEDO	FINAL	EL FOTDIO A	INICO			
	LOCATION	CAPACITY												EVAP	ORATOR						COND	ENSER				SUPPL	LY FAN DATA		PRE	FILTERS	FILTERS	ELECTRICA	_ INFO	WEIGHT	MODELNIC	NOTEO
UNIT TAG	LOCATION	(TONS)	тмвн smbh		=)	L.A.T. (DEG F) DB WB		L.W.T (DEG F		APD (in WG)	FLUID PD (in WG)	ТМВН	SMBH	E.A.T (DEG I	=)	L.AT. (DEG F)	APD (i WG)	HEAT OF REJECTION MBH	E.W.T. (DEG F)	L.W.T. (DEG F)	GPM	REFRIGERANT	FLUID P.D. (ft H20)	EER	# CFM	E.S	S.P. RP	M HP	FLA/ MOTOR SUP	PLY ONLY (SUPPLY ONLY FLA	MCA MOP	V/PH/HZ	(LBS)	MODEL NO.	NOTES
AC-3-1	SEE PLANS	68	591.6 487.6	79	65	55.7 54.6	3 45	51.1	1 19:	2 0.39	3.07	807.2	592.8	79	65	50.5 50	.2 0.64	980.0	85	95.3	192	R-454B	9.7	16.27	1 19,000	2	2 1,88	35 25	70 2"	MERV8	4" MERV 13 261	279 350	208/3/60	8300	VVV-513-FXM	
AC-3-2	SEE PLANS	68	591.6 487.6	79	65	55.7 54.6	45	51.1	1 19:	2 0.39	3.07	807.2	592.8	79	65	50.5 50	.2 0.64	980.0	85	95.3	192	R-454B	9.7	16.27	1 19,000) 2	2 1,88	35 25	70 2"	MERV8	4" MERV 13 261	279 350	208/3/60	8300	VVW-513-FXM	
AC-4-1	SEE PLANS	68	591.6 487.6	79	65	55.7 54.6	3 45	51.1	1 19:	2 0.39	3.07	807.2	592.8	79	65	50.5 50	2 0.64	980.0	85	95.3	192	R-454B	9.7	16.27	1 19,000) 2	2 1,88	35 25	70 2"	MERV8	4" MERV 13 261	279 350	208/3/60	8300	VVW-513-FXM	
AC-4-2	SEE PLANS	68	591.6 487.6	79	65	55.7 54.6	3 45	51.1	1 19:	2 0.39	3.07	807.2	592.8	79	65	50.5 50	2 0.64	980.0	85	95.3	192	R-454B	9.7	16.27	1 19,000	2	2 1,88	35 25	70 2"	MERV8	4" MERV 13 261	279 350	208/3/60	8300	VVW-513-FXM	
AC-5-1	SEE PLANS	68	591.6 487.6	79	65	55.7 54.6	45	51.1	1 19:	2 0.39	3.07	807.2	592.8	79	65	50.5 50	.2 0.64	980.0	85	95.3	192	R-454B	9.7	16.27	1 19,000	2	2 1,88	35 25	70 2"	MERV8	4" MERV 13 261	279 350	208/3/60	8300	VVW-513-FXM	
AC-5-2	SEE PLANS	68	591.6 487.6	79	65	55.7 54.6	45	51.1	1 19:	2 0.39	3.07	807.2	592.8	79	65	50.5 50	2 0.64	980.0	85	95.3	192	R-454B	9.7	16.27	1 19,000	2	2 1,88	35 25	70 2"	MERV8	4" MERV 13 261	279 350	208/3/60	8300	VVW-513-FXM	
AC-5-3	SEE PLANS	78	778.6 640.0	79	65	55.8 54.6	45	52.0	22:	2 0.42	4.43	952.6	732.8	79	65	52.2 51	9 0.69	1150.6	85	95.4	222	R-454B	8.8	17.32	1 25,000	2	2 1,88	35 40	109 2"	MERV8	4" MERV 13 304	333 400	208/3/60	10100	VVW-513-FXM	
AC-6-1	SEE PLANS	68	591.6 487.6	79	65	55.7 54.6	45	51.1	1 19:	2 0.39	3.07	807.2	592.8	79	65	50.5 50	.2 0.64	980.0	85	95.3	192	R-454B	9.7	16.27	1 19,000	2	2 1,88	35 25	70 2"	MERV8	4" MERV 13 261	279 350	208/3/60	8300	VVW-513-FXM	
AC-6-2	SEE PLANS	68	591.6 487.6	79	65	55.7 54.6	45	51.1	1 19	2 0.39	3.07	807.2	592.8	79	65	50.5 50	2 0.64	980.0	85	95.3	192	R-454B	9.7	16.27	1 19,000	2	2 1,88	35 25	70 2"	MERV8	4" MERV 13 261	279 350	208/3/60	8300	VVV-513-FXM	
AC-7-1	SEE PLANS	68	591.6 487.6	79	65	55.7 54.6	45	51.1	1 19	2 0.39	3.07	807.2	592.8	79	65	50.5 50	.2 0.64	980.0	85	95.3	192	R-454B	9.7	16.27	1 19,000	2	2 1,88	35 25	70 2"	MERV8	4" MERV 13 261	279 350	208/3/60	8300	VVV-513-FXM	
AC-7-2	SEE PLANS	68	591.6 487.6	79	65	55.7 54.6	45	51.1	1 19	2 0.39	3.07	807.2	592.8	79	65	50.5 50	.2 0.64	980.0	85	95.3	192	R-454B	9.7	16.27	1 19,000	2	2 1,88	35 25	70 2"	MERV8	4" MERV 13 261	279 350	208/3/60	8300	VVW-513-FXM	
AC-8-1	SEE PLANS	68	591.6 487.6	79	65	55.7 54.6	45	51.1	1 19	2 0.39	3.07	807.2	592.8	79	65	50.5 50	0.64	980.0	85	95.3	192	R-454B	9.7	16.27	1 19,000	2	2 1,88	35 25	70 2"	MERV8	4" MERV 13 261	279 350	208/3/60	8300	VVW-513-FXM	
AC-8-2	SEE PLANS	68	591.6 487.6	79	65	55.7 54.6	45	51.1	1 19	2 0.39	3.07	807.2	592.8	79	65	50.5 50	.2 0.64	980.0	85	95.3	192	R-454B	9.7	16.27	1 19,000	2	2 1,88	35 25	70 2"	MERV8	4" MERV 13 261	279 350	208/3/60	8300	VVW-513-FXM	
AC-9-1	SEE PLANS	60	534.8 443.5	79	65	56.0 54.8	45	51.2	2 17	2 0.42	7.03	701.2	527.6	79	65	51.5 51	.2 0.7	838.8	85	94.8	172	R-454B	7.8	17.6	1 17,500	2	2 1,88	35 25	70 2"	MERV8	4" MERV 13 220	239 300	208/3/60	8300	VVW-513-FXM	
AC-9-2	SEE PLANS	60	534.8 443.5	79	65	56.0 54.8	45	51.2	2 17:	2 0.42	7.03	701.2	527.6	79	65	51.5 51	.2 0.7	838.8	85	94.8	172	R-454B	7.8	17.6	1 17,500	2	2 1,88	35 25	70 2"	MERV8	4" MERV 13 220	239 300	208/3/60	8300	VVW-513-FXM	
AC-10-1	SEE PLANS	60	534.8 443.5	79	65	56.0 54.8	45	51.2	2 17:	2 0.42	7.03	701.2	527.6	79	65	51.5 51	.2 0.7	838.8	85	94.8	172	R-454B	7.8	17.6	1 17,500	2	2 1,88	35 25	70 2"	MERV8	4" MERV 13 220	239 300	208/3/60	8300	VVW-513-FXM	
AC-10-2	SEE PLANS	60	534.8 443.5	79	65	56.0 54.8	45	51.2	2 17:	2 0.42	7.03	701.2	527.6	79	65	51.5 51	.2 0.7	838.8	85	94.8	172	R-454B	7.8	17.6	1 17,500	2	2 1,88	35 25	70 2"	MERV8	4" MERV 13 220	239 300	208/3/60	8300	VVW-513-FXM	
AC-11-1	SEE PLANS	60	534.8 443.5	79	65	56.0 54.8	45	51.2	2 17:	2 0.42	7.03	701.2	527.6	79	65	51.5 51	.2 0.7	838.8	85	94.8	172	R-454B	7.8	17.6	1 17,500	2	2 1,88	35 25	70 2"	MERV8	4" MERV 13 220	239 300	208/3/60	8300	VVW-513-FXM	
AC-11-2	SEE PLANS	60	534.8 443.5	79	65	56.0 54.8	45	51.2	2 17:	2 0.42	7.03	701.2	527.6	79	65	51.5 51	.2 0.7	838.8	85	94.8	172	R-454B	7.8	17.6	1 17,500	2	2 1,88	35 25	70 2"	MERV8	4" MERV 13 220	239 300	208/3/60	8300	VVW-513-FXM	
AC-12-1	SEE PLANS	51	488.1 392.9	79	65	55.2 54.1	45	51.7	7 14	5 0.45	8.83	622.6	461.7	79	65	50.9 50	6 0.7	739.6	85	95.3	145	R-454B	27	16.51	4 15,000	2	2 2,35	59 25	70 2"	MERV8	4" MERV 13 216	235 300	208/3/60	6700	VVW-513-FXM	
AC-12-2	SEE PLANS	51	488.1 392.9	79	65	55.2 54.1	45	51.7	7 14	5 0.45	8.83	622.6	461.7	79	65	50.9 50	6 0.7	739.6	85	95.3	145	R-454B	2.7	16.51	1 15,000	ļ Ž	2 2,35	59 25	70 2"	MERV8	4" MERV 13 216	235 300	208/3/60	6700	VVW-513-FXM	
AC-13-1	SEE PLANS	51	488.1 392.9	79	65	55.2 54.1	45	51.7	7 14	5 0.45	8.83	622.6	461.7	79	65	50.9 50	6 0.7	739.6	85	95.3	145	R-454B	2.7	16.51	1 15,000	2	2 2,35	59 25	70 2"	MERV8	4" MERV 13 216	235 300	208/3/60	6700	VVW-513-FXM	
AC-13-2	SEE PLANS	51	488.1 392.9	79	65	55.2 54.1	45	51.7	7 14	5 0.45	8.83	622.6	461.7	79	65	50.9 50	6 0.7	739.6	85	95.3	145	R-454B	2.7	16.51	1 15,000	2	2 2,35	59 25	70 2"	MERV8	4" MERV 13 216	235 300	208/3/60	6700	VVW-513-FXM	
AC-14-1	SEE PLANS	34	364.8 291.6	79	65	54.9 53.8	45	51.7	7 10	8 0.42	9.26	424.0	324.5	79	65	52.1 51	8 0.67	505	85	94.5	108	R-454B	3.4	17.03	1 11,000	2	2 2,63	38 15	40 2"	MERV8	4" MERV 13 142	154 200	208/3/60	5600	VVW-513-FXM	
AC-14-2	SEE PLANS	34	364.8 291.6	79	65	54.9 53.8	45	51.7	7 10	8 0.42	9.26	424.0	324.5	79	65	52.1 51	.8 0.67	505	85	94.5	108	R-454B	3.4	17.03	1 11,000	2	2 2,63	38 15	40 2"	MERV8	4" MERV 13 142	154 200	208/3/60	5600	VVW-513-FXM	
AC-15-1	SEE PLANS	34	364.8 291.6	79	65	54.9 53.8	45	51.7	7 10	8 0.42	9.26	424.0	324.5	79	65	52.1 51	8 0.67	505	85	94.5	108	R-454B	3.4	17.03	1 11,000	2	2 2,63	38 15	40 2"	MERV8	4" MERV 13 142	154 200	208/3/60	5600	VVW-513-FXM	
AC-15-2	SEE PLANS	34	364.8 291.6	79	65	54.9 53.8	45	51.7	7 10	8 0.42	9.26	424.0	324.5	79	65	52.1 51	8 0.67	505	85	94.5	108	R-454B	3.4	17.03	1 11,000	2	2 2,63	38 15	40 2"	MERV8	4" MERV 13 142	154 200	208/3/60	5600	VVW-513-FXM	
AC-16-1	SEE PLANS	34	364.8 291.6	79	65	54.9 53.8	45	51.7	7 10	8 0.42	9.26	424.0	324.5	79	65	52.1 51	8 0.67	505	85	94.5	108	R-454B	3.4	17.03	1 11,000	2	2 2,63	38 15	40 2"	MERV8	4" MERV 13 142	154 200	208/3/60	5600	VVW-513-FXM	
AC-16-2	SEE PLANS	34	364.8 291.6	79	65	54.9 53.8	45	51.7	7 10	8 0.42	9.26	424.0	324.5	79	65	52.1 51	8 0.67	505	85	94.5	108	R-454B	3.4	17.03	1 11,000	2		38 15			4" MERV 13 142	154 200	208/3/60	5600	VVW-513-FXM	
AC-17-1	SEE PLANS	45	454.2 362.0	79	65	54.6 53.7	45	52.0) 13	0 0.37	7.26	527.2	401.9	79	65	51.8 51	6 0.58	639.3	85	94.9	130	R-454B	2.2	17.23	1 13,500	2	2 2,35	59 20	55 2"	MERV8	4" MERV 13 169	184 225	208/3/60	6700	VVV-513-FXM	
AC-18-1	SEE PLANS	45	454.2 362.0	79	65	54.6 53.7	45	52.0	130	0 0.37	7.26	527.2	401.9	79	65	51.8 51	6 0.58	639.3	85	94.9	130	R-454B	2.2	17.23	1 13,500	. 2	2 2,38	59 20	55 2"	MERV8	4" MERV 13 169	184 225	208/3/60	6700	VVW-513-FXM	
AC-19-1	SEE PLANS	45	454.2 362.0	79	65	54.6 53.7	45	52.0	13	0 0.37	7.26	527.2	401.9	79	65	51.8 51	6 0.58	639.3	85	94.9	130	R-454B	2.2	17.23	1 13,500	2	2 2,35	59 20	55 2"	MERV8	4" MERV 13 169	184 225	208/3/60	6700	VVW-513-FXM	
AC-20-1	SEE PLANS	45	454.2 362.0	79	65	54.6 53.7	45	52.0	13	0 0.37	7.26	527.2	401.9	79	65	51.8 51	6 0.58	639.3	85	94.9	130	R-454B	2.2	17.23	1 13,500	2	2 2,35	59 20	55 2"	MERV8	4" MERV 13 169	184 225	208/3/60	6700	VVW-513-FXM	
AC-21-1	SEE PLANS	34	328.0 259.0	79	65	54.0 53.0	45	51.8	3 96	6 0.33	7.41	388.0	283.8	79	65	51.7 50	.9 0.36	475.7	85	95.0	96	R-454B	2.7	15.58	1 9,500	2	2 2,63	38 15	40 2"	MERV8	4" MERV 13 142	154 200	208/3/60	5600	VVW-513-FXM	

1. 3" Double Wall Modular Construction

2. Single point power

7. 5 Year Compressor Parts Warranty

3. DX Cooling Coil with Stainless Steel Casing

4. 10-100% Modulating Digital Scroll Compressor on Lead Circuit w/ Sound Blanket

5. 2" MERV8/4" MERV13 filters – open return 6. Top supply duct and water connections

8. Plenum supply fan with VFD and bypass 9. Shaft grounding ring

10. Waterside economizer with variable flow 2-way valves 11. Shell and Tube Condenser

12. Packaged DDC Controls w/ BACnet communication 13. 1 Year Whole Unit Parts Warranty

									AIR COO	DLED CHILI	_ER SCI	HEDULE											YOR	K AS STD
			SUMMER	WINTER					C00	LING MODE					HEAT EX	CHANGER P	ERFORM	ANCE			ELECTRIC	CAL)
TAG	SERVES	MODEL NO	OAT	OAT	COMPRESSOR TYPE	REFRIGERANT	CAPA	ACITY	EWT	LWT	GPM	MAX P.D.	EVAPORATOR	GALLONS		FOULING		TOTAL AIR FLOW	FAN POWER	- V/PH/HZ	RLA	MCA	EER	WEIGHT
			DB	DB			TONS	KW	DEG F	DEGF	OI W	in WG	TYPE	UALLONG	TYPE	FACTOR	FANS	CFM	kW	- V/I TI/TIZ	I INLA	IVIOA		LBS
CH-21-1	CHILLED WATER	YMAE0035	95	0	SCROLL - INVERTER	R454B	35.53	41.33	55	45	85	14.1	BRASS PLATE	3.1	WATER	0.0001	2	23502	2.425	460/3/60	30.3	74	10.32	2403
2 3 4 5 6 7	1. R454B Refrigerant 2. Painted Exterior 3. Independent Refrigerant 4. Brazed Plate Heat Excha 5. 150psi Waterside Workir 6. Inverter Enhanced Vapor 7. ECM Condenser Fans 8. Internal Heat Tracing	ngers ng Pressure	essors	10 11 12 13 14 15	D. One Optiview LT D. Chillers shall be D. BACnet Community Compressor Sou D. Victaulic Water C D. Unit Shall Control D. 5-Year Whole Unity D. 1st Year Refrigera	daisy chained in fi nication und Blankets onnections of Hot Water and Cl iit Parts and Labor	eld nilled Water																	

						HEATING	& VENTIL	ATION UN	ITSCHED	ULE									
UNIT NO.				MODEL No.	1	SUPPLYFA	N		MOTOR DA	TA									
	SERVICE	LOCATION	MANUFACTURER		TOTAL AIR FLOW	EXT. STATIC PRESS.	FAN QUANTITY	MIN. HORSE POWER TOTAL	MOTOR SPEED	ELECTRICAL RATING	SENSIBLE CAPACITY	ENT. AIR TEMP.	LVG. AIR TEMP.	APD	STEAM TEMP	STEAM PRESSURE	PRE FILTERS	FINAL FILTERS	REMARKS
					CFM	CFM IN. H2O		HP	RPM	V/Ph/Hz	MBH	DF	DF	in WG	dF	psig			
HV-5-1	OUTSIDE AIR	5TH FLOOR	NORTEK	A-1-40i-WX-SC-X-X-P	40,000	2.5	4	60	1770	208/3/60	3317	0	76.4	0.16	307.1	60	2" MERV8	4" MERV 13	SEE NOTES
HV-5-2	OUTSIDE AIR	5TH FLOOR	NORTEK	A-1-40i-WX-SC-X-X-P	40,000	2.5	4	60	1770	208/3/60	3317	0	76.4	0.16	307.1	60	2" MERV8	4" MERV 13	SEE NOTES
2.	3" Double Wall Modular C Single point power Chilled Water Cooling Co		asing – Valves By ATC	7	5. Dual Direct 7. Packaged D 3. 1 Year Whol	DC Controls	s w/ BACnet co		-	Redundant VFD					ı				

											MA	KE UP AIR U	NIT																		MAN	MOTH AS
	LOCATION	SERMCE				SUF	PPLY FAN DATA	PRE FILTERS FINAL FILTERS		PRE FILTERS			CHILLED WATER COIL DATA E.AT. L.AT			F	UID		STEAM		MCOIL		MAX P.D.		ELECTRIC	WEIGH						
UNIT TAG			MODEL NUMBER	#	TOTAL CFM	E.S.P. (IN. W.C.)	T.S.P. (IN. W.C.)	RPM	HP FLA MOTOR	VFD	SUPPLYONLY	SUPPLY ONLY	SUPPLY RETURN ONLY ONLY	TMBH	SMBH	(DEG		L.A.T. (DEG F) B WB	E.W.T. (DEG F)	T.T. L.W.T. (DEG F)	GPM I	P.D. S WG)	MBH PRI		EAT DEG F) (I		CONDENSATE (lb/hr)	AIR (in WG)	FLA I	FLA MCA MOP V/P	P V/PH/H2	(LBS)
MAU-21-1	MAIN ROOF	SEE PLANS	A-1-40i-WX-SC-X-X-P	4	40,000	2.50	5.26	3,166	60 42	2	2" MERV8	4" MERV 13	4" MERV 13	2879	1823	95	75 53.	.4 53.3	45	55	573.5	5.7 3	035	60	0	69.9	3358.7	0.12	172	214 35	208/3/60	1448
2. 3. 4.	3" Double Wall Modula Single point power Chilled Water Cooling Steam Heating Coil – 2" MERV8 / 4" MERV13	Coil with Stainless Ste Valves by ATC	el Casing – Valves By ATC		7. 8.	Packaged DDC (et communi	Serving Array and R	edundant	it VFD										,	•	,	,	-	,	•			,	'	

4. Steam Heating Coil – Valves by ATC

5. Top supply duct

NO. DATE ISSUE 01.31.2025 DESIGN DEVELOPMENT O1.31.2025 ISSUED FOR PRE-PURCHASE PACKAGE _____



WATERMAN WATERMAN INTERESTS, LLC 400 PARK AVENUE NEW YORK, NY 10022

MdeAS ARCHITECTS 80 BROAD STREET NEW YORK, NY 10004

VOCON PARTNERS
530 FIFTH AVENUE
NEW YORK, NY 10036



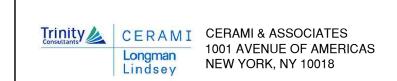


Severud Associates

CONSULTING ENGINEERS P.C.

SEVERUD ASSOCIATES
469 SEVENTH AVENUE
NEW YORK, NY 10018







850 THIRD AVE NEW YORK, NY

HPS INVESTMENT PARTNERS

NEW YORK, NY

MECHANICAL SCHEDULE SHEET #1

M-400.00