

BIM 360//Kensico-EastView Connector (KEC)/KSEB-M_MODEL_ARUP.rvt

4/5/2023 2:41:50 PM

VRF HEAT PUMP OUTDOOR UNIT SCHEDULE																									
TAG	MANUFACTURER	MODEL	SYSTEM SERVED	LOCATION	TOTAL COOLING CAPACITY (BTU/H)	TOTAL HEATING CAPACITY (BTU/H)	EER	PIPING CONNECTION				COMPRESSOR TYPE	TYPE	DRIVE	QTY	AIRFLOW (CFM)	LENGTH	WIDTH	HEIGHT	ELECTRICAL DATA				OPERATING WEIGHT (LB)	NOTES
								REFRIGERANT TYPE	REFRIGERANT CHARGE (LB)	LIQUID (RL) OD	VAPOR (RHG) OD									V	PH	HZ	FLA		
ACCU-1	LG	ARUN038GSS4	ACU-1	OUTDOOR - ROOF	38,000	42,000	11.5	R410A	7	3/8"	5/8"	DC INVERTER STARTING	AXIAL FLOW	DIRECT	2	3900	15	37	54	208	1	60	21	207	1, 2
ACCU-2	LG	ARUN024GSS4	ACU-2	OUTDOOR - ROOF	24,000	27,000	10.7	R410A	4	3/8"	5/8"	DC INVERTER STARTING	AXIAL FLOW	DIRECT	1	2100	15	37	38	208	1	60	16	159	1, 3

- NOTES:
- MOUNTED ON BASE RAILS SUPPORTED BY STRUCTURAL CHANNELS. SEE STRUCTURAL DRAWINGS FOR DETAIL
 - UNIT SHALL PROVIDE MINIMUM HEATING CAPACITY OF 21 MBH AT 9 DEG F AMBIENT DESIGN CONDITION
 - UNIT SHALL PROVIDE MINIMUM HEATING CAPACITY OF 11 MBH AT 9 DEG F AMBIENT DESIGN CONDITION

VRF HEAT PUMP INDOOR UNIT SCHEDULE																						
TAG	MANUFACTURER	MODEL NO.	AREA SERVED	LOCATION	TOTAL COOLING CAPACITY (BTU/H)	TOTAL HEATING CAPACITY (BTU/H)	FAN DATA			REFRIGERANT TYPE	PIPING CONNECTIONS			DIMENSIONS			ELECTRICAL DATA				OPERATING WEIGHT (LB)	NOTES
							DRIVE	QTY.	MAX SUPPLY AIRFLOW (CFM)		LIQUID (RL) OD	VAPOR (RS) OD	COND ID	LENGTH	WIDTH	HEIGHT	V	PH	HZ	RATED AMP		
ACU-1	LG	ARNU283TMA4	SECURITY ROOM	SECURITY ROOM	28,000	31,500	DIRECT	1	920	R410A	3/8"	5/8"	1"	33"	33"	11"	208	1	60	1.30	58	ALL
ACU-2	LG	ARNU153TQD4	COMMUNICATIONS ROOM	COMMUNICATIONS ROOM	15,400	17,100	DIRECT	1	388	R410A	1/4"	1/2"	1"	22"	22"	11"	208	1	60	0.20	35	ALL

- NOTES:
- UNIT TO BE CEILING MOUNTED, SUSPENDED FROM HANGERS SUPPORTED BY SLAB ABOVE
 - INCLUDE FACTORY MOUNTED CONDENSATE PUMP

ROOFTOP UNIT SCHEDULE																													
TAG	MANUFACTURER	MODEL	AREA SERVED	PERFORMANCE				SUPPLY FAN				FILTER		COMPRESSOR		REFRIG TYPE	CONDENSER FAN		ELECTRICAL				OPERATION	MAXIMUM DIMENSIONS			OPERATING WEIGHT (LB)	NOTES	
				TOTAL COOLING CAPACITY (BTUH)	SENSIBLE COOLING CAPACITY (BTUH)	HEATING CAPACITY (BTUH)	AHRI EER	SUPPLY AIRFLOW (CFM)	MINIMUM OUTSIDE AIRFLOW (CFM)	EXT S.P. (IN. W.G.)	QTY.	KW	QTY	EFFICIENCY	QTY.		KW	QTY	FAN HP	V	PH	HZ		FLA	HEIGHT (IN)	WIDTH (IN)			LENGTH (IN)
RTU-1	STULZ	CYBERPACK ASC-20A-DX	UNIT SUBSTATION ROOM	273,500	273,500	82,000	11.2	11,000	140	1.05	2	3.1	8	MERV 8	2	9.0	R410A	4	2.9	460	3	60	81	DUTY	70"	88"	150"	3100	1
RTU-2	STULZ	CYBERPACK ASC-15C-DX	MV SWITCHGEAR ROOM	178,300	132,100	41,000	11.1	4,540	160	0.50	1	3.1	6	MERV 8	2	6.7	R410A	2	2.9	460	3	60	49	DUTY	70"	74"	147"	2250	1
RTU-3	TRANE	WHC036H4R0B	BATTERY ROOM	34,600	26,200	32,000	12.5	1,200	0	0.50	1	1.1	2	MERV 8	1	2.4	R410A	1	0.3	460	3	60	13	DUTY	41"	44"	70"	793	1, 2
RTU-4	TRANE	WHC036H4R0B	BATTERY ROOM	34,600	26,200	32,000	12.5	1,200	0	0.50	1	1.1	2	MERV 8	1	2.4	R410A	1	0.3	460	3	60	13	STANDBY	41"	44"	70"	793	1, 2


- NOTES:
- MOUNTED ON STEEL DUNNAGE WITH GRATING PLATFORM SURROUNDING UNIT FOR ACCESS. SEE STRUCTURAL DRAWINGS FOR DUNNAGE COORDINATION.
 - HEATING CAPACITY AT 9 DEG F AMBIENT DESIGN CONDITION IS 15 MBH. EUH-1 PROVIDES SUPPLEMENTAL HEATING TO MAINTAIN HEATING SETPOINT IN BATTERY ROOM.

ELECTRIC UNIT HEATER SCHEDULE														
TAG	MANUFACTURER	MODEL NO.	AREA SERVED	LOCATION	TYPE	FAN		ELECTRICAL DATA				OPERATING WEIGHT (LB)	NOTES	
						AIRFLOW (CFM)	HP	CAPACITY (KW)	FLA	V	PH			HZ
EUH-1	INDEECO	233-FA-0106U	BATTERY ROOM	BATTERY ROOM	CONVECTION	850	0.25	10	13	480	3	60	110	1, 2, 3
EUH-2	MARLEY	MUH03-41	FIRE SUPPRESSION ROOM	FIRE SUPPRESSION ROOM	CONVECTION	350	0.01	3	4	480	3	60	27	1, 2
EUH-3	MARLEY	MUH03-41	MV SWITCHGEAR ROOM	MV SWITCHGEAR ROOM	CONVECTION	350	0.01	3	4	480	3	60	27	1, 2
EUH-4	MARLEY	MUH03-41	MV SWITCHGEAR ROOM	MV SWITCHGEAR ROOM	CONVECTION	350	0.01	3	4	480	3	60	27	1, 2
EUH-5	MARLEY	MUH03-41	MV SWITCHGEAR ROOM	MV SWITCHGEAR ROOM	CONVECTION	350	0.01	3	4	480	3	60	27	1, 2
EUH-6	MARLEY	MUH03-41	MV SWITCHGEAR ROOM	MV SWITCHGEAR ROOM	CONVECTION	350	0.01	3	4	480	3	60	27	1, 2
EUH-7	MARLEY	MUH03-41	MV SWITCHGEAR ROOM	MV SWITCHGEAR ROOM	CONVECTION	350	0.01	3	4	480	3	60	27	1, 2
EUH-8	MARLEY	MUH03-41	MV SWITCHGEAR ROOM	MV SWITCHGEAR ROOM	CONVECTION	350	0.01	3	4	480	3	60	27	1, 2

- NOTES:
- UNIT MOUNTED WITH WALL MOUNTING BRACKET.
 - HEATING CAPACITY SIZED FOR 9 DEG F AMBIENT DESIGN CONDITION.
 - UNIT LOCATED IN BATTERY ROOM SHALL BE EXPLOSION PROOF CONSTRUCTION.

DIFFUSER & GRILLE SCHEDULE													
TAG	MANUFACTURER	MODEL	TYPE	INLET SIZE			NOMINAL DIMENSIONS			MAX S.P. (IN. W.G.)	MAX N.C.	MAX FLOW (CFM)	NOTES
				DIAMETER (IN)	WIDTH (IN)	HEIGHT (IN)	LENGTH (IN)	WIDTH (IN)	HEIGHT (IN)				
CD-1	TITUS	PAS	CEILING DIFFUSER		12	12	24	24	3	0.05	20	300	
CD-2	TITUS	PAS	CEILING DIFFUSER		8	8	24	24	3	0.05	20	150	
EG-1	TITUS	PAR	CEILING DIFFUSER	12			24	24	3	0.05	20	300	
SG-1	TITUS	122RL	SIDEWALL GRILLE		24	16	2	26	18	0.05	25	1500	
SG-2	TITUS	122RL	SIDEWALL GRILLE		16	16	2	18	18	0.05	20	1000	1

- NOTES:
- GRILLES LOCATED IN BATTERY ROOM SHALL BE STAINLESS STEEL CONSTRUCTION.



BID SET

DATE ISSUED: 04/2023

GRAPHIC SCALES
CHECK BEFORE USE

IF SHEET IS LESS THAN 22" X 34"
IT IS A REDUCED PRINT.
SCALE ACCORDINGLY

VERTICAL DATUM
CONVERSION (ft)

+1.28 ± BWS

0 ± NAVD88


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AP



CHECKED BY:
DK

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KENSICO SITE PREPARATION

HVAC
ELECTRICAL BUILDING
EQUIPMENT SCHEDULES 1

DATE: APRIL 2023
SCALE: AS NOTED
SHEET NO:
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DRAWING NO.
KSEB-H-003.00

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