

FAN OPTIONS

FAN UNIT NO	TAG	QTY	DESCRIPTION	FAN UNIT NO	TAG	QTY	DESCRIPTION
1	KX-1 (K114)	1	GREASE BOX.			1	HEATED DRAIN KIT FOR RTU. REQUIRED FOR WINTER DESIGN TEMP OF 0 DEGREES F AND LOWER.
		1	FAN BASE CERAMIC SEAL - INSTALLED AT PLANT - FOR GREASE DUCTS.			1	COMMERCIAL SMOKE DETECTOR/ALARM INTERLOCK (SUPPLIED BY OTHERS).
		1	LOAD REACTOR MOUNTED IN FAN.			1	OCCUPIED SCHEDULING.
		1	2 YEAR PARTS WARRANTY.			1	RTU SIZE 2 SIDE DISCHARGE.
2	KX-2A (K141)	1	GREASE BOX.			1	SIZE 2 RTU CURB DUCT HANGER.
		1	FAN BASE CERAMIC SEAL - INSTALLED AT PLANT - FOR GREASE DUCTS.			1	10 TON MODULATING COOLING OPTION WITH HEAT PUMP, 460/480V. R410A REFRIGERANT, VARIABLE SPEED COMPRESSOR, ECM CONDENSING FAN(S).
		1	LOAD REACTOR MOUNTED IN FAN.			1	10 TON MODULATING REHEAT OPTION WITH HEAT PUMP. DISCHARGE DEWPOINT CONTROL.
		1	2 YEAR PARTS WARRANTY.			1	CASLINK BUILDING MONITORING SYSTEM - INTERNET OR CELLULAR CONNECTION REQUIRED.
3	KX-2B (K157.1)	1	1 19-BDD DAMPER.			1	VFD FACTORY MOUNTED AND WIRED IN COMMERCIAL CONTROL VESTIBULE FOR RTU.
		1	ECM WIRING PACKAGE - PWM SIGNAL FROM ECPM03 PREWIRE (TELCO MOTOR), CCW ROTATION.			1	VAV PACKAGE W/ 0-10VDC INPUT CONTROL (571 VFD INCLUDED).
		1	2 YEAR PARTS WARRANTY.			1	LOAD REACTOR MOUNTED IN FAN.
4	KX-3 (K191)	1	GREASE BOX.			1	5 YEAR ENTIRE UNIT PARTS WARRANTY, 10 YEAR ENTIRE UNIT PARTS WARRANTY WITH REMOTE MONITORING AND CAPTIVEAIRE SERVICE CONTRACT, 25 YEAR STAINLESS STEEL FURNACE PARTS WARRANTY (SEE ADDITIONAL DETAILS).
		1	FAN BASE CERAMIC SEAL - INSTALLED AT PLANT - FOR GREASE DUCTS.	1	INLET PRESSURE GAUGE, 0-35".		
		1	LOAD REACTOR MOUNTED IN FAN.	1	MANIFOLD PRESSURE GAUGE, -5 TO 15" WC.		
		1	2 YEAR PARTS WARRANTY.	1	LOW FIRE START.		
		1	GREASE BOX.	1	MOTORIZED BACKDRAFT DAMPER FOR A1-D HOUSING. MEETS AMCA CLASS 1A RATING.		
		1	FAN BASE CERAMIC SEAL - INSTALLED AT PLANT - FOR GREASE DUCTS.	1	CASLINK BUILDING MONITORING SYSTEM - INTERNET OR CELLULAR CONNECTION REQUIRED.		
		1	LOAD REACTOR MOUNTED IN FAN.	1	3 TON SINGLE CIRCUIT MODULAR PACKAGED COOLING OPTION FOR SIZE 1 DF/EH MUA (1,100 TO 1,800 CFM), 460V, 3 PHASE. COOLING THERMOSTAT OR PROGRAMMABLE STAT REQUIRED FOR PROPER OPERATION.		
	KX-4 (P134)	1	2 YEAR PARTS WARRANTY.	1	DOWNTURN PLENUM FOR SIZE 1 DX COIL MODULE.		
		1	SIZE 2 DIRECT FIRED HEATER LOW CFM PROFILE PACKAGE. USED ON HEATERS UNDER 2500 CFM.	1	SEPARATE 120V WIRING PACKAGE (REQUIRED AND USED ONLY FOR DCV OR PREWIRE WITH VFD) - THREE PHASE ONLY.		
		1	INLET PRESSURE GAUGE, 0-35".	1	LOAD REACTOR MOUNTED IN FAN.		
		1	MANIFOLD PRESSURE GAUGE, -5 TO 15" WC.	1	2 YEAR PARTS WARRANTY.		
	KMUA-1 (K114)	1	CASLINK BUILDING MONITORING SYSTEM - INTERNET OR CELLULAR CONNECTION REQUIRED.	1	MANIFOLD PRESSURE GAUGE, 0 TO 10" WC, 1 FURNACE.		
		1	MOTORIZED BACKDRAFT DAMPER FOR A2-D HOUSING. MEETS AMCA CLASS 1A RATING.	1	INLET PRESSURE GAUGE, 0-35".		
		1	TOTAL CFM MONITORING FOR MUA UNITS.	1	TOTAL CFM MONITORING FOR DOAS.		
		1	5 TON SINGLE CIRCUIT MODULAR PACKAGED COOLING OPTION FOR SIZE 2 DF/EH MUA (2,000 TO 3,000 CFM), 460V, 3 PHASE. COOLING THERMOSTAT OR PROGRAMMABLE STAT REQUIRED FOR PROPER OPERATION.	1	SINGLE POINT ELECTRICAL CONNECTION FOR RTU. QNTY 1 750VA TRANSFORMER USED. IF A NON-DCV PREWIRE CONTROLS THIS UNIT, THE #28, #47, "MA", OR "E2" OPTION PREWIRE MUST BE SELECTED. DO NOT PROVIDE SUPPLY STARTER IN PREWIRE.		
		1	SEPARATE 120V WIRING PACKAGE (REQUIRED AND USED ONLY FOR DCV OR PREWIRE WITH VFD) - THREE PHASE ONLY.	1	CASLINK BUILDING MONITORING SYSTEM - INTERNET OR CELLULAR CONNECTION REQUIRED.		
		1	LOAD REACTOR MOUNTED IN FAN.	1	OVERHEAT STAT.		
		1	2 YEAR PARTS WARRANTY.	1	VFD FACTORY MOUNTED AND WIRED IN COMMERCIAL CONTROL VESTIBULE FOR RTU.		
		1	INLET PRESSURE GAUGE, 0-35".	1	30 TON MODULATING COOLING OPTION, 460/480V. R410A REFRIGERANT, VARIABLE SPEED COMPRESSOR, ECM CONDENSING FAN(S).		
		1	MANIFOLD PRESSURE GAUGE, -5 TO 15" WC.	1	DDC IP BACNET REMOTE UNIT MONITORING. ALLOWS FOR REMOTE DDC OCCUPIED OVERRIDE AND SET POINT CHANGES.		
		1	LOW FIRE START.	1	CONTROL PANEL ENCLOSURE HEATER. RECOMMENDED FOR WINTER DESIGN TEMPERATURE LESS THAN 0°F. PCB CONTROLS.		
		1	MOTORIZED BACKDRAFT DAMPER FOR A4-D HOUSING. MEETS AMCA CLASS 1A RATING.	1	HEATED DRAIN KIT FOR RTU. REQUIRED FOR WINTER DESIGN TEMP OF 0 DEGREES F AND LOWER.		
		1	10 TON 2 CIRCUIT (5/5) MODULAR PACKAGED COOLING OPTION FOR SIZE 4 DF/EH MUA (6,000 TO 9,000 CFM), 460V, 3 PHASE. COOLING THERMOSTAT OR PROGRAMMABLE STAT REQUIRED FOR PROPER OPERATION.	1	4" MERV 15 FILTERS FOR SIZE 4 RTU. QTY 12.		
	KMUA-2 (K141/157.1)	1	CASLINK BUILDING MONITORING SYSTEM - INTERNET OR CELLULAR CONNECTION REQUIRED.	1	RTU ANALOG 0-10V BAS INTAKE/RETURN DAMPER CONTROL TO ACTUATOR.		
		1	SEPARATE 120V WIRING PACKAGE (REQUIRED AND USED ONLY FOR DCV OR PREWIRE WITH VFD) - THREE PHASE ONLY.	1	CLOGGED FILTER SWITCH WITH NOTIFICATION ON HMI.		
		1	LOAD REACTOR MOUNTED IN FAN.	1	SIZE 4 RTU CONVENIENCE OUTLET (GFCI), 15 AMP - REQUIRES SEPARATE 120V CONNECTION. INCLUDES RECEPTACLE, COVER AND J BOX.		
		1	2 YEAR PARTS WARRANTY.	1	RTU SIZE 4 SIDE RETURN.		
	KMUA-3 (K191)	1	INLET PRESSURE GAUGE, 0-35".	1	RTU SIZE 4 SIDE DISCHARGE.		
		1	MANIFOLD PRESSURE GAUGE, 0 TO 10" WC, 1 FURNACE.	1	SIZE 4 RTU CURB DUCT HANGER.		
		1	TOTAL CFM MONITORING FOR DOAS.	1	COMMERCIAL SMOKE DETECTOR/ALARM INTERLOCK (SUPPLIED BY OTHERS).		
		1	OVERHEAT STAT.	1	OCCUPIED SCHEDULING.		
		1	RTU FIXED 100% OA INTAKE CONTROL.	1	30 TON MODULATING REHEAT OPTION. DISCHARGE DEWPOINT CONTROL.		
		1	RTU SIZE 2 NO RETURN.	1	VAV PACKAGE W/ BUILDING STATIC PRESSURE CONTROL- MUA -0.25" TO +0.25" OF WC. (571 VFD INCLUDED).		
		1	CLOGGED FILTER SWITCH WITH NOTIFICATION ON HMI.	1	LOAD REACTOR MOUNTED IN FAN.		
		1	4" MERV 15 FILTERS SIZE 2 RTU. QTY 4.	1	5 YEAR ENTIRE UNIT PARTS WARRANTY, 10 YEAR ENTIRE UNIT PARTS WARRANTY WITH REMOTE MONITORING AND CAPTIVEAIRE SERVICE CONTRACT, 25 YEAR STAINLESS STEEL FURNACE PARTS WARRANTY (SEE ADDITIONAL DETAILS).		
		1	CONTROL PANEL ENCLOSURE HEATER. RECOMMENDED FOR WINTER DESIGN TEMPERATURE LESS THAN 0°F. PCB CONTROLS.				

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HCM / LCS



SENIOR LIVING AT PURCHASE COLLEGE

**BROADVIEW - SENIOR LIVING AT
PURCHASE COLLEGE - COMMONS
BUILDING**

hord | coplan | macht

ARCHITECTURE

LANDSCAPE ARCHITECTURE

PLANNING

INTERIOR DESIGN



LAN ASSOCIATES

Engineering, Planning, Architecture, Surveying, LLP
LAN JOB #1308/01
PROFESSIONAL CERTIFICATION: I CERTIFY THAT THESE DOCUMENTS WERE
PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED ENGINEER
UNDER THE LAWS OF THE STATE OF NEW YORK.
LICENSE NUMBER: 090385
EXPIRATION DATE: 10/31/23

no.	date	revision
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Project Name
BROADVIEW - SENIOR LIVING AT PURCHASE
COLLEGE - COMMONS BUILDING
Project Number
1308.01

Date
4/30/2021

Scale

 $1/8'' = 1'-0''$

Drawing

MECHANICAL KITCHEN EQUIPMENT

M6.04

PERMIT / GMP SET