

COPYRIGHT: Reuse or reproduction of the contents of this document is not permitted without written permission of Ripcord Engineering, Inc.

GRAVITY INTAKE HOOD							
TAG	MAXIMUM CFM	INTAKE AREA (SQ. FT)	DAMPER SIZE (IN)	TYPE	MANUFACTURER	MODEL	NOTES
GIH-1	2970	4.95	24 X 24	GRAVITY INTAKE VENTILATOR	GREENHECK	GRSI 24	1

NOTES:
1. MOUNT ON 24" ROOF CURB WITH BIRD SCREEN.

MAKE UP AIR UNIT															
TAG	SERVES	SUPPLY FAN CFM	ESP (IN WC)	RPM	HEATER	FUEL	BTUH	HP	VOLTAGE	PHASE	HERTZ	FLA	MANUFACTURER	MODEL	NOTES
MUA-1	KITCHEN	3,676	0.5	849	DIRECT-FIR ED	NATURAL GAS	281,876	2	208	3	60	6.1	CAPTIVEAIRE	A2-D.500-G15	1,2

NOTES:
1. INCLUDE METAL MESH FILTERS.
2. INCLUDE MOTORIZED BACKDRAFT DAMPER.

PUMP SCHEDULE										
TAG	SERVICE	TYPE	GPM	HEAD (FT)	HP	VPH	AMPS	MANUFACTURER	MODEL	NOTES
P-1	HEATING HOT WATER - APARTMENT	INLINE CIRCULATOR	1	32	1/8	115/60/1	1.4	TACO	009	

NOTES:

ROOF TOP UNIT SCHEDULE															
TAG	SERVICE	SUPPLY FAN		PRE-FILTER	POST-FILTER	COIL -DX		INDIRECT HEATER		ELECTRICAL DATA		WEIGHT (LB)	MANUFACTURER	MODEL	NOTES
		CFM	ESP	EFFICIENCY	EFFICIENCY	REFRIGERANT	GROSS MBH	FUEL	INPUT (MBH)	VPH	MCA				
RTU-1	DINING HALL SEATING AREA & RAMP	4000	0.75	MERV 8	MERV 13	R-410A	114	NATURAL GAS	250	208/3/60	46.1	1700	TRANE	10 TON PRECEDENT	1-3
RTU-2	KITCHEN	2000	0.75	MERV 8	MERV 13	R-410A	60	NATURAL GAS	130	208/3/60	32.2	1100	TRANE	5 TON PRECEDENT	

NOTES:
1. SINGLE ZONE VAV WITH DEMAND CONTROLLED VENTILATION.
2. DOWNFLOW WITH COMPARATIVE ENTHALPY LOW-LEAK ECONOMIZER AND POWERED EXHAUST.
3. INCLUDE MERV 13 FILTERS, COMPLETECOAT CONDENSER COIL WITH HAIL GUARD, THROUGH THE BASE GAS AND ELECTRIC, UNIT-MOUNTED NON-FUSED DISCONNECT SWITCH, POWERED CONVENIENCE OUTLET, SUPPLY AND RETURN SMOKE DETECTORS.

SPLIT AIR-CONDITIONING SYSTEM														
TAG	SERVES	COOLING CAPACITY AT 95 DEG F (BTU/H)	HEATING CAPACITY AT 47 DEG F (BTU/H)	H X W X D (INCHES)	WEIGHT (LBS)	LIQUID LINE (IN)	SUCTION LINE (IN)	VOLTAGE	PHASE	HERTZ	MCA	MANUFACTURER	MODEL	NOTES
CU-1	AHU-1/2	28,400	27,600	42 X 38 X 13	189	1/4	1/2;3/8	208	1	60	29.9	mitsubishi	MXZ-3C30NAHZ	1
AHU-1	APARTMENT	12,000	13,600	13 x 37 x 10	29	1/4	3/8	-	-	-	-	mitsubishi	MSZ-FH12NA	2
AHU-2	COMMUNITY ROOM	15,000	18,000	13 X 37 X 10	29	1/4	1/2					mitsubishi	MSA-FH15NA	2

NOTES:
1. MOUNT ON WALL NEAR ELEVATOR AT LEAST 24" ABOVE SHED ROOF WITH QUICKSLING BRACKET OR EQUIVALENTCONFIRM FINAL LOCATION WITH OWNER AND ARCHITECT BEFORE INSTALLING.
2. PIPE CONDENSATE TO WASHER BOX.

