

ROOF TOP UNIT SCHEDULE - AON SERIES													
MARK	AREA SERVED	MODEL	SUPPLY AIR (CFM)	ESP (IN.WG)	OUTSIDE AIR (CFM)	COOLING CAPACITY (BTU/H)	HEATING CAPACITY (BTU/H)	TOTAL CAPACITY (BTU/H)	GAS INPUT (MBH)	FLA (AMPS)	MCA (AMPS)	MOCP (AMPS)	NOTES
RTU-1	PHARMACY	RTU-200	2000	0.30	400	107.1	132	48.6	60	12	14	20	B, D
RTU-2	RESTROOM	RTU-100	1000	0.30	400	107.1	132	48.6	60	12	14	20	A, B, D
RTU-3	MEZANINE OFFICE	RTU-200	1200	0.30	240	50.9	37	48.6	60	9	10	15	B
RTU-4	RECEPTION	RTU-100	1000	0.30	400	107.1	132	48.6	60	12	14	20	B, D
RTU-5	CONFERENCE ROOM	RTU-200	3000	0.30	600	153.3	61	72.9	90	22	27	40	B, D
RTU-6	SALES	RTU-200	5000	0.35	0	156.1	132	156.0	196	34	37	45	B, D
RTU-7	SALES	RTU-200	5000	0.35	0	156.1	132	156.0	196	34	37	45	B, D
RTU-8	BAKERY DELI PREP	RTU-200	1200	0.30	120	25.8	20.8	219.7	275	24	27	35	B, D
RTU-9	BAKERY DELI PREP	RTU-200	1200	0.30	120	25.8	20.8	219.7	275	24	27	35	B, D
RTU-10	SALES	RTU-200	5000	0.35	1000	172.4	142.3	156.0	196	34	37	45	A, B, D
RTU-11	SALES	RTU-200	5000	0.35	1000	172.4	142.3	156.0	196	34	37	45	A, B, D
RTU-12	SALES	RTU-200	5000	0.35	1000	172.4	142.3	156.0	196	34	37	45	A, B, D
RTU-13	SALES	RTU-200	5000	0.35	1000	172.4	142.3	156.0	196	34	37	45	A, B, D
RTU-14	SALES	RTU-200	5000	0.35	1000	172.4	142.3	156.0	196	34	37	45	B, D

1. UNITS ARE INCLUDED IN KROGER'S DIRECT BUY PROGRAM AND ARE SUPPLIED BY OWNER. INSTALLATION BY MECHANICAL CONTRACTOR.
2. ALL UNITS ARE NEW. PREFERRED HEATING MANUFACTURER.
3. REFER TO SPECIFICATIONS FOR MANUFACTURED CURBS.
4. UNIT ENERGY EFFICIENCY RATINGS (EER) ARE AS SHOWN.
5. TEMPERATURE AND/OR HUMIDITY SENSORS SUPPLIED BY BUILDING CONTROL PROVIDER. REFER TO DRAWINGS FOR LOCATIONS.
6. CURB HEIGHTS SHALL BE AS FOLLOWS:
NOTES:
A. RTU TO BE EQUIPPED WITH FACTORY INSTALLED HEAT RECLAIM COIL. PROVIDE OPENING THROUGH ROOF FOR REFRIGERATION LINES.
B. UNIT PAN OPERATION SHALL BE CONTINUOUS.
C. UNIT SHALL BE PROVIDED WITH CORROSION PROTECTION FOR HIGH HUMIDITY AREA.
D. SMOKE DETECTOR TO BE INSTALLED IN RETURN BY FIRE ALARM CONTRACTOR.

EXHAUST HOOD SYSTEM SCHEDULE														
MARK	AREA SERVED	MODEL	CAPTURE VELOCITY (FEET/MIN)	VELOCITY (FEET/MIN)	HEIGHT (FEET)	REST ROOM (CFM)	COOLING CAPACITY (BTU/H)	HEATING CAPACITY (BTU/H)	TOTAL CAPACITY (BTU/H)	GAS INPUT (MBH)	FLA (AMPS)	MCA (AMPS)	MOCP (AMPS)	NOTES
EH-1	DELI PREP	EH-200	100	100	10	100	100	100	100	10	10	10	10	B
EH-2	DELI PREP	EH-200	100	100	10	100	100	100	100	10	10	10	10	B
EH-3	SEASONAL PREP	EH-200	100	100	10	100	100	100	100	10	10	10	10	B

GENERAL INFORMATION FOR ALL UNITS AS APPLICABLE:
1. HOOD & FAN: FURNISHED BY OWNER. INSTALLATION AND START UP BY MECHANICAL CONTRACTOR.

HVAC EQUIPMENT ORDERING INFORMATION					
MARK	MFR	MODEL	AFRQ	AES	CURB
AC-1	MITSUBISHI	MSY-0200A	NA	NA	NA
AC-2	MITSUBISHI	MSY-0200A	NA	NA	NA
EP-1	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-2	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-3	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-4	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-5	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-6	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-7	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-8	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-9	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-10	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-11	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-12	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-13	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-14	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-15	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-16	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-17	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-18	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-19	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-20	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-21	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-22	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-23	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-24	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-25	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-26	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-27	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-28	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-29	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-30	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-31	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-32	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-33	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-34	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-35	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-36	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-37	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-38	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-39	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-40	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-41	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-42	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-43	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-44	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-45	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-46	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-47	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-48	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-49	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-50	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-51	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-52	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-53	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-54	CAPTIVE AIRE	DR12PFA	K-000250	4208	
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EP-56	CAPTIVE AIRE	DR12PFA	K-000250	4208	
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EP-59	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-60	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-61	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-62	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-63	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-64	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-65	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-66	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-67	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-68	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-69	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-70	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-71	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-72	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-73	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-74	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-75	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-76	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-77	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-78	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-79	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-80	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-81	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-82	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-83	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-84	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-85	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-86	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-87	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-88	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-89	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-90	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-91	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-92	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-93	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-94	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-95	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-96	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-97	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-98	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-99	CAPTIVE AIRE	DR12PFA	K-000250	4208	
EP-100	CAPTIVE AIRE	DR12PFA	K-000250	4208	

HEAT RECLAIM COIL DESIGN INFORMATION			
Refrigeration Designer	C. Baker	Date	2/16/15
Refrigeration Side Information			
Refrigeration Application Type	Process		
Number of Circuits	1		
Inlet Gas Temperature (degrees F)	160		
RTU-2			
System	Process "X" and "Y"		
Refrigerant	R407c		
Condensing Temp. (degrees F)	120		
THW (MBH)	207.2		
*Desired THW (MBH)	178.5		
Mass Flow Rate (Btu/h)	4,600		
*Heats Exchanged to 50%			
*Single Described to 50%			
*Products Described to 50%			
Air Side Information			
Design CFM	6,000		
EAT (degrees F)	55.0		
LAT (degrees F)	55.0		
LAT (degrees F)	62.4		
Total Reclaim Heat (Btu/h) = 798,500			

HEAT RECLAIM COIL DESIGN INFORMATION			
Refrigeration Designer	C. Baker	Date	2/16/15
Refrigeration Side Information			
Refrigeration Application Type	Process		
Number of Circuits	1		
Inlet Gas Temperature (degrees F)	160		
RTU-9			
System	Process "X"		
Refrigerant	R407c		
Condensing Temp. (degrees F)	117		
THW (MBH)	284.1		
*Desired THW (MBH)	142.1		
Mass Flow Rate (Btu/h)	2,820		
*Heats Exchanged to 50%			
*Single Described to 50%			
*Products Described to 50%			
Air Side Information			
Design CFM	5,000		
EAT (degrees F)	55.0		
LAT (degrees F)	55.0		
LAT (degrees F)	61.2		
Total Reclaim Heat (Btu/h) = 140,500			

HEAT RECLAIM COIL DESIGN INFORMATION			
Refrigeration Designer	C. Baker	Date	2/16/15
Refrigeration Side Information			
Refrigeration Application Type	Process		
Number of Circuits	2		
Inlet Gas Temperature (degrees F)	160		
RTU-11			
System	Process "X" and "Y"		
Refrigerant	R407c		
Condensing Temp. (degrees F)	120		
THW (MBH)	472.9		
*Desired THW (MBH)	236.4		
Mass Flow Rate (Btu/h)	3,200		
*Heats Exchanged to 50%			
*Single Described to 50%			
*Products Described to 50%			
Air Side Information			
Design CFM	9,000		
EAT (degrees F)	55.0		
LAT (degrees F)	55.0		
LAT (degrees F)	61.2		

