ROOFTOP UNIT SCHEDULE (DX COOLING, ELEC HEATING)

TAG	MANUFACTURER	MODEL	NOMINAL TONS	SUPPLY FAN CFM	SUPPLY FAN ESP (IN)	SUPPLY FAN BHP	SUPPLY FAN NOM HP	COOLING COIL TOTAL (MBH)	COOLING COIL SENS (MBH)	COOLING COIL EAT (°F DB)	COOLING COIL EAT (°F WB)	COOLING COIL LAT (°F DB)	COOLING COIL LAT (°F WB)	HEATING COIL OUTPUT(MBH)	HEATING COIL INPUT (kW)	HEATING COIL EAT (°F DB)	HEATING COIL LAT (°F DB)	MIN NO STAGES	MIN. O/A CFM	ELECTRICAL V/PH	ELECTRICAL MCA	ELECTRICAL MOCP	WEIGHT (LBS)	NOTES
BGRTU-1	TRANE	THJ120A3	10	3400	1.0	2.5	4.6	139.3	82.4					122.9	36.0				1200	208/3	107	110	1370	A-M
BGRTU-2	TRANE	THJ150A3	12.5	4200	1.0	3.5	4.6	144.0	89.2					184.4	54.0				1500	208/3	155	175	1677	A-M

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NOTES:
A. AIR FILTERS SHALL BE 2-INCH THICK MERV 8 EFFICIENCY IN ACCORDANCE WITH ASHRAE 52.2 TEST METHOD & WITH CLOGGED FILTER SWITCH.
B. PROVIDE WITH INTEGRAL SMOKE DETECTOR IN THE SUPPLY AND RETURN AIR SIDE OF UNIT; INTERCONNECT TO REMOTE VISUAL & AUDIBLE ALARM FIELD WIRED.
C. ALL RTU(S) PROVIDED BY OWNER FOR INSTALLATION BY MECHANICAL CONTRACTOR.
D. PROVIDE WITH FACTORY INSTALLED FIELD WIRED DISCONNECT.
E. PROVIDE WITH FACTORY INSTALLED FIELD WIRED GFCI OUTLET.
F. PROVIDE WITH 14-INCH TALL ROOF CURB.
G. PROVIDE WITH HAIL GUARD AND FRESH AIR TEMPERING OPTION.
H. PROVIDE WITH DIFFERENTIAL SENSIBLE ECONOMIZER & BAROMETRIC RELIEF.
I. PROVIDE WITH WALL MOUNTED THERMOSTAT.
J. PROVIDE WITH REMOTE DUCT MOUNTED TEMPERATURE SENSOR; WIRING SHALL BE INSTALLED BY THE MECHANICAL CONTRACTOR. COORDINATE THERMOSTAT PROVIDED WITH EQUIPMENT.
K. PROVIDE WITH HINGED ACCESS DOORS.
L. PROVIDE WITH HOT-GAS REHEAT CONTROLLED BY FIELD INSTALLED DUCT SENSOR.
M. HVAC UNITS TO BE REPROGRAMMED BASED ON LOVE'S STANDARD CONFIGURATION. CONTACT LENNOX NATIONAL ACCOUNT REPRESENTATIVE DAVID CAREY (469) 203-2374 FOR PROGRAMING INFORMATION.

MAKEUP AIR UNIT SCHEDULE

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TAG	MANUFACTURER	MODEL	SUPPLY FAN CFM	SUPPLY FAN NOM HP	ELEC HEAT LAT (°F DB)	ELEC HEAT MIN NO STAGES	ELECTRICAL V/PH	ELECTRICAL DISC TYPE	NOTES
MAU 1	CAPTIVEAIRE	A2-E.252-20D-MPU	2378	2.00	90.0	2	208/3	FACTORY	A-F

NOTES:
A. PROVIDE WITH 14-INCH ROOF CURB, BIRD SCREEN, SPEED CONTROL, FIRESTAT & BACKDRAFT DAMPER.
B. MAU SHALL BE CONTROLLED VIA INTEGRATED CONTROL PACKAGE. COORDINATE REQUIRED WORK WITH ELECTRICAL CONTRACTOR.
C. PROVIDE WEATHER PROOF DISCONNECT SWITCH IN SIGHT OF THE EQUIPMENT. COORDINATE REQUIRED WORK WITH THE ELECTRICAL CONTRACTOR.
D. WEATHER PROOF DISCONNECT SWITCH AND INTERNAL WIRING SHALL BE FACTORY INSTALLED.
E. EXHAUST FAN SHALL BE FURNISHED BY OWNER AND INSTALLED BY THE MECHANICAL CONTRACTOR.
F. FOR ADDITIONAL INFORMATION PERTAINING TO THE FAN PACKAGE, CONTACT TRIXIE PERRY AT (919) 882-2410 x315 OR TRIXIE@CAPTIVEAIRE.COM

GRILLE, REGISTER AND DIFFUSERS

TAG	MANUFACTURER	MODEL	FACE TYPE	FACE SIZE (IN)	MAX NC	NOTES
CEG 1	NAILOR	5145H	GRILLE	24"x12"	20	A-E
CRG1	NAILOR	5145H	GRILLE	24"x24"	20	A-E
CSD1	NAILOR	UNI	CONE	24"x24"	20	A-E
CSD2	NAILOR	61PR-S-00-AW-A	PERFORATED	24"x24"	20	A-F

NOTES:
A. MOUNTING TYPES SHALL BE COMPATIBLE WITH ARCHITECTURAL CEILING TYPE FOR THE ROOM IN WHICH THE AIR DEVICE IS LOCATED.
B. SEE HVAC PLANS FOR LOCATION AND AIR QUANTITIES OF EACH AIR DEVICE.
C. ALL AIR DEVICES SHALL BE TESTED IN ACCORDANCE WITH ASHRAE STANDARD 70-91.
D. NC VALUES ARE BASED UPON A 10 dB ROOM ATTENUATION.
E. OWNER PROVIDED AND CONTRACTOR INSTALLED. REFER TO SPECIFICATIONS.
F. PROVIDE FIELD BUILT PLENUM 46x22x27 HIGH PLENUM 12"Ø SIDE INLET.

AIR CURTAIN SCHEDULE (NO HEAT)

MARK	MANUFACTURER	MODEL	UNIT SPECS LENGTH (IN)	UNIT SPECS MOTOR HP	ELECTRICAL VOLTS	ELECTRICAL PH	NOTES
AC 1	BERNER	SHD07-1048A	44"	0.00	120	1	A-D

NOTES:
A. DOOR SWITCH WITH DELAY TIMER SET TO 30 SECONDS.
B. ELECTRICAL CONTRACTOR SHALL PROVIDE DISCONNECT SWITCH.
C. OWNER PROVIDED.
D. STANDARD FINISH.

FAN SCHEDULE

TAG	MANUFACTURER	MODEL	CFM	ESP (IN)	NOM HP	FAN RPM	ELECTRICAL V/PH	WEIGHT (LBS)	NOTES
EF 1	COOK	70C15DH	100	0.3	0.05	1550	115/1	15	A,B,D,F
HEF 1	CAPTIVEAIRE	DU85HFA	1805	1.0	0.75	1281	120/1	0	A,C,E-H
HEF 2	CAPTIVEAIRE	DU85HFA	1805	1.1	0.75	1313	120/1	0	A,C,E-H
HEF 3	CAPTIVEAIRE	DU50HFA	1050	0.9	0.50	1380	120/1	0	A,C,E-H

NOTES:
A. EXHAUST FAN SHALL BE CONTROLLED VIA INTEGRATED CONTROL PACKAGE. COORDINATE REQUIRED WORK WITH THE ELECTRICAL CONTACTOR.
B. PROVIDE WEATHER PROOF DISCONNECT SWITCH IN SIGHT OF THE EQUIPMENT. COORDINATE REQUIRED WORK WITH THE ELECTRICAL CONTRACTOR.
C. WEATHER PROOF DISCONNECT SWITCH AND INTERNAL WIRING SHALL BE FACTORY INSTALLED.
D. PROVIDE GRAVITY BACK DRAFT DAMPER.
E. PROVIDE FACTORY AVAILABLE GREASE BOX.
F. EXHAUST FAN SHALL BE FURNISHED BY OWNER AND INSTALLED BY THE MECHANICAL CONTRACTOR.
G. FOR ADDITIONAL INFORMATION PERTAINING TO THE FAN PACKAGE, CONTACT TRIXIE PERRY AT (919) 882-2410 x315 OR TRIXIE@CAPTIVEAIRE.COM.
H. PROVIDE DRAIN LINE HEATER OPTION FOR GREASE FANS.

KITCHEN EXHAUST HOOD

TAG	MANUFACTURER	MODEL	SUPPLY AIRFLOW COOLING (CFM)	SUPPLY AIRFLOW MAU (CFM)	EXHAUST AIRFLOW RATE (CFM)	FILTERS QUANTITY	FILTERS TYPE	FIRE SYSTEM	ELECTRICAL VOLT/PH	ELECTRICAL NUMBER OF LIGHTS	HOOD DIMENSIONS (IN) (L x w x H)	COLLAR SIZE (INCH)	PRESSURE DROP (IN. WC.)	NOTES
H 1	CAPTIVEAIRE	5424 ND-2-ACPSP-F	-	-	1805	7	S.S. BAFFLE	-	120/1	0	9' - 6"	1' - 2"	0.7	A-K
H 2	CAPTIVEAIRE	4224 ND-2	-	-	1805	7	S.S. BAFFLE	-	120/1	0	9' - 6"	1' - 0"	0.8	A-K
H 3	CAPTIVEAIRE	5424 ND-2-ACPSP-F	-	-	1050	4	S.S. BAFFLE	-	120/1	0	6' - 0"	0' - 10"	0.6	A-K

NOTES:
A. ALL EXPOSED SURFACES ARE TO BE FABRICATED OF 18 GA. TYPE 430 SS.
B. ALL NON-EXPOSED STRUCTURAL SURFACES TO BE 18 GA. GALVANIZED STEEL.
C. PROVIDED WITH 3-INCH STANDOFF.
D. HOODS ARE OF UL LISTED CONSTRUCTION AND SHALL BE INSTALLED IN ACCORDANCE WITH ALL UL SPECIFICATIONS.
E. EXHAUST HOODS SHALL BE FIELD CUT FOR THE INSTALLATION OF THE EXHAUST COLLARS. EXHAUST COLLARS SHALL BE INSTALLED IN HOODS PER MANUFACTURER'S SPECIFICATIONS TO COMPLY WITH ANY APPLICABLE CODES FOR A LIQUID TIGHT SEAM.
F. GREASE FILTERS ARE OF UL LISTING R6593, AND SHALL BE CLASS 1 WHEN TESTED IN ACCORDANCE WITH THE TEST METHOD IN SFM 12-71-1.
G. PROVIDE WITH ANSUL SYSTEM ON RIGH-HAND SIDE.
H. EXHAUST HOOD SHALL BE FURNISHED BY OWNER AND INSTALLED BY THE MECHANICAL CONTRACTOR.
I. FOR ADDITIONAL INFORMATION PERTAINING TO THE HOOD PACKAGE, CONTACT TRIXIE PERRY OF CAPTIVEAIRE AT 919.882.2410 (EXT. 315) OR TRIXIE@CAPTIVEAIRE.COM.
J. GREASE EXHAUST PLENUM TO BE 16 GA. GALVANIZED STEEL, CONTINUOUSLY WELDED AND PITCHED AT A MINIMUM 1/4" PER FOOT TO A CLEANABLE RECEPTOR (PROVIDED BY HOOD SUPPLIER.)
K. PROVIDE WITH PERFORATED SUPPLY PLENUM.

AIR BALANCE

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SYSTEM	SUPPLY AIR	OUTDOOR AIR	EXHAUST AIR	PRESSURIZATION
BGRTU 1	3400	1200	-	+1000
BGRTU 2	4200	1500	-	+1500
EF 1	-	-	100	-100
HEF 1	-	-	1805	-1805
HEF 2	-	-	1805	-1805
HEF 3			1050	-1050
MAU 1	2375	2375	-	+2375
TOTAL	10575	4875	4760	+315

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