ROOFTOP UNITS SCHEDULE

ID	SERVICE AREA	BASIS OF DESIGN MANUFACTURER	BASIS OF DESIGN MODEL NO.	DESIGN AIRFLOW (CFM)	# OF FANS	TOTAL SP (IN. WG.)	POWER EACH (HP)	HEATING COIL 1 CAPACITY (MBH)	HEATING COIL 1 AIR SIDE EAT (DB°F)	HEATING COIL 1 AIR SIDE LAT(DB°F)	HEATING COIL 1 AIR SIDE FACE VELOCITY (FPM)	HEATING COIL 1 WATER SIDE FLOW (GPM)	HEATING COIL 1 WATER SIDE EWT (°F)	HEATING COIL 1 WATER SIDE LWT (°F)	HEATING COIL 1 WATER SIDE P DROP	TOTAL COOLING CAPACITY (MBH)	SENSIBLE COOLING CAPACITY (MBH)	COOLING COIL AIR SIDE EAT (DB°F)	COOLING COIL AIR SIDE EAT (WB°F)	COOLING COIL AIR SIDE LAT (DB°F)	COOLING COIL AIR SIDE LAT (WB°F)	COOLING COIL AIR SIDE FACE VELOCITY (FPM)	COOLING COIL WATERSIDE FLOW (GPM)	COOLING COIL WATERSIDE EWT (°F)	COOLING COIL WATERSIDE LWT (°F)	REHEAT CAPACITY (MBH)	REHEAT COIL AIR SIDE (RH) EAT (DB°F)	REHEAT COIL AIR SIDE (RH) LAT (DB°F)	REHEAT COIL AIR SIDE (RH) FACE VELO (FPM) (2)	REHEAT COIL WATER SIDE (RH) FLOW (GPM)	REHEAT COIL WATER SIDE (RH) EWT (°F)	REHEAT COIL WATER SIDE (RH) LWT (°F)	REHEAT COIL WATER SIDE (RH) P DROP	WEIGHT (LBS)	SIZE (HxWxL)	ELECTRICAL DATA (V/P/F)	NOTES
AHU-3003	565 CLEANROOM	TRANE	CSAA057	28,500	2	4.917	20	1545	10	60	504	103.25	140	110	0.144" W.C.	2,336	1269.43	95	78	55	54.9	501	387.98	44	56	1081	55	99	501	72.27	140	110	0.176	11,624	93"x126"x 295"	460/3/60	2.3
AHU-3004	BREAKER PLATE	TRANE	CSAA003	1,200	1	3.916	2	37.69	5	39.75	343	3.77	160	140	0.083" W.C.	84.55	48.93	98	78	54	53.9	343	11.24	44	59	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1,844	35"x32"x1 81"	460/3/60	1,4
PAHU-3001	565 AREA SHIPPING WAREHOUSE	TRANE	CSAA025	12,000	1	5.441	17	650.7	10	60	498	43.47	140	110	5.65 FT FLUID	1,079	574.58	95	78	52	51.9	506	215.15	45	55	456	140	110	485	30.43	140	110	1.06 FT FLUID	6,964	68"x80"x2 89"	460/3/60	2,4
PAHU-3002	510 HOME CHOICE WAREHOUSE	TRANE	CSAA025	12,000	1	5.441	17	650.7	10	60	498	43.47	140	110	5.65 FT FLUID	1,079	574.58	95	78	52	51.9	506	215.15	45	55	456	140	110	485	30.43	140	110	1.06 FT FLUID	6,964	68"x80"x2 89"	460/3/60	2,4

NOTES:
1. INCLUDE MERV 8 FILTER.
2. INCLUDE MERV 8 AND MERV 14 FILTERS.
2. PAHU-3001 IS EXISTING PRESSURIZATION AIR HANDLER TO BE RELOCATED AND REQUIRES NEW CURB.
3. PROVIDED CONDENSATE PUMP IF NECESSARY.

FAN COIL SCHEDULE

ID	SERVICE AREA	MANUFACTURER	MODEL NO.	DESIGN AIRFLOW(CFM)	# OF FANS	ESP (IN. W.G.)	HORSEPOWER	COOLING COIL CAPACITY (MBH)	COOLING SENSIBLE CAPACITY (MBH)	FLUID	AIR SIDE EAT(DB°F)	AIR SIDE EAT(WB°F)	AIR SIDE LAT(DB°F)	AIR SIDE LAT(WB°F)	AIR SIDE FACE VELO (FPM)	WATER SIDE FLOW(GPM)	WATER SIDE EWT (°F)	WATER SIDE LWT (°F)	WATER SIDE P DROP	FLUID VELO (FT/S)	REMARKS
FCU-3093	PUMP ROOM	TRANE	BCHE054	2,000	1	0.750	1.5	75.36	53.58	WATER	80	67	55.7	54.85	541	15.02	44	54	10.54 FT H2O	3.22	SYMBIO 400-B CONTROL. 1,2

NOTES:
1. INCLUDE MERV 8 FILTER
2. PROVIDED CONDENSATE PUMP IF NECESSARY.

ELECTROSTATIC FILTRATION UNIT SCHEDULE

ID	LOCATION	BASIS OF DESIGN MANUFACTURER	BASIS OF DESIGN MODEL	TYPE	AIRFLOW (CFM)	ESP (IN. W.G.)	DRIVE TYPE	MOTOR HP	MOTOR RPM	MAX SOUND (dBA)	UNIT WGT (LBS)	ELECTRICAL DATA FLA	ELECTRICAL DATA VOLTAGE	ELECTRICAL DATA NO. OF POLES	REMARKS	FILTRATION
EF-2336	510 HOME CHOICE WAREHOUSE	CAMFIL	TBD	SCRUBBER EXHAUST	6000	-	-	-	-	-	-		460		EXISTING FILTRATION UNIT	
EF-2460	565 AREA SHIPPING WAREHOUSE	CAMFIL	EXISTING	FILTRATION UNIT	6000	-	-	-	-	-	-		460		EXISTING FILTRATION UNIT	

LAB FAN SCHEDULE

ID	BASIS OF DESIGN MANUFACTURER	BASIS OF DESIGN MODEL	TYPE	AIRFLOW (CFM)	ESP (IN. W.G.)	DRIVE TYPE	MOTOR HP	MOTOR RPM	MAX SOUND (dBA)	UNIT WGT (LBS)	ELECTRICAL DATA FLA	ELECTRICAL DATA VOLTAGE	ELECTRICAL DATA NO. OF POLES	REMARKS	FILTRATION
EF-3005	COOK	100 TCNHBLE 6	LAB EXHAUST	1200	0.500	BELT	1.5	3450	80	317		460		BREAKER PLATE ROOM LAB FAN	N/A

SUPPLY FAN SCHEDULE

ID	BASIS OF DESIGN MANUFACTURER	BASIS OF DESIGN MODEL	TYPE	AIRFLOW (CFM)	ESP (IN. W.G.)	DRIVE TYPE	MOTOR HP	MOTOR RPM	MAX SOUND (dBA)	UNIT WGT (LBS)	ELECTRICAL DATA RLA	ELECTRICAL DATA VOLTAGE	ELECTRICAL DATA NO. OF POLES	REMARKS
BF-2493	COOK	SQN-D VF	CENTRIFUGAL SQUARE INLINE	1000	0.500"	DIRECT	0.5	1725	68	165		115		EXTRUDER SUPPLY FAN

AIR TERMINAL SCHEDULE

TAG	MANUFACTURER	MODEL	SYSTEM	DESCRIPTION	MOUNTING	FACE SIZE	MATERIAL	BORDER TYPE	DESIGN NC
A	PRICE	SDS	SUPPLY	LINEAR SLOT DIFFUSER	CEILING	48X4	AL	LAY-IN	25
B	PRICE	ASPD	SUPPLY	SQUARE PLAQUE DIFFUSER	DUCT	24"x24"	AL	SURFACE	25
C	PRICE	600	RETURN	PERFORATED RETURN DIFFUSER	CEILING	SEE DWGS	AL	DUCT MOUNTED	25
D	PRICE	600	EXHAUST	LOUVERED EXHAUST GRILLE	WALL	SEE DWGS	AL	SURFACE	25
E	PRICE	SDGE	SUPPLY	LOUVERED SUPPLY GRILLE	DUCT	SEE DWGS	AL	DUCT MOUNTED	29

DUCTLESS SPLIT SYSTEM SCHEDULE

UNIT ID	UNIT LOCATION	MANUFACTURER	MODEL	SIZE (HxWxL)	IDU OPERATING TEMP RANGE (°F) COOLING INTAKE AIR TEMP MIN DB/WB (°F)	IDU OPERATING TEMP RANGE (°F) COOLING INTAKE AIR TEMP MAX DB/WB (°F)	ODU OPERATING TEMP RANGE (°F) COOLING INTAKE AIR TEMP MAX DB °F	ODU OPERATING TEMP RANGE (°F) COOLING INTAKE AIR TEMP MIN DB	IDU/ODU SYSTEM COOLING AT 95°F MAX CAPACITY (BTU/HR)	IDU/ODU SYSTEM COOLING AT 95°F MIN CAPACITY (BTU/HR)	IDU/ODU SYSTEM COOLING AT 95°F RATED CAPACITY (BTU/HR)	IDU/ODU SYSTEM ELECTRICAL SPEC VOLTAGE	IDU/ODU SYSTEM ELECTRICAL SPEC PH.	IDU/ODU SYSTEM ELECTRICAL SPEC FREQ.
CU-3094	OFFICE ROOF	MITSUBISHI	PUZ-AH12NL	24"X33"X13"	N/A	N/A	115	23	12,000	4,800	12,000	208	1	60
CU-3096	OFFICE ROOF	MITSUBISHI	PUZ-AH36NL	52"X13"X42"	N/A	N/A	115	23	37,000	13,500	36,000	208	1	60
IDU-3095	OFFICE CEILING	MITSUBISHI	PLA-AE24NL	33"X33"X12"	90/73	66/59	N/A	N/A	-	-	-	208	1	60
IDU-3097	OFFICE CEILING	MITSUBISHI	PLA-AE24NL	33"X33"X12"	90/73	66/59	N/A	N/A	-	-	-	208	1	60

FLY FAN SCHEDULE

ID	BASIS OF DESIGN MANUFACTURER	BASIS OF DESIGN MODEL	TYPE	AVG AIR VELOCITY (FPM)	VOLUME (CFM)	MOTOR HP	MOTOR RPM	UNIT WGT (LBS)	ELECTRICAL DATA VOLTAGE	REMARKS
B-3100	MARS	QP842-1UA-AL	UNHEATED	1421	807	1/6	1150	42	115	
B-3101	MARS	QP842-1UA-AL	UNHEATED	1421	807	1/6	1150	42	115	

POND
3500 Parkway Lane
Suite 500
Peachtree Corners
Georgia 30092

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EOR/AOR SEAL

COA SEAL

CLIENT INFORMATION

Vantive

PROJECT NAME

VANTIVE
TUBING
CLEAN ROOM

1900 AR-201
MOUNTAIN HOME,
ARKANSAS 72653

DRAWING ISSUE

MARK	DESCRIPTION	DATE
C	ISSUED FOR BID, EQ BID CLARIFICATIONS	04/24/2026
B	ISSUED FOR APPROVAL	01/23/2026
A	ISSUED FOR PRICING	12/19/2025

DESIGNED BY:	JC
DRAWN BY:	JS
CHECKED BY:	JC
SUBMITTED BY:	CL
DATE:	04/24/2026
PROJECT #:	1241011

SHEET TITLE

MECHANICAL SCHEDULE

SHEET NUMBER

DM650

ORIGINAL SHEET SIZE: 30" X 42"

ISSUED FOR BID

4/24/2026 9:31:56 PM Autodesk Docs://Baxter and Vantive -Mountain Home/BAXTER_VANTIVE_Master Base File_MECH-ELEC-FP_v25.rvt