ROOFTOP UNIT SCHEDULE

TYPICAL DESIGN CONDITIONS: SUMMER = 91°F / 74°F WINTER = 7°F

UNIT NO.	SERVICE AREA	YEAR INSTALLED	REFRIGERANT TYPE	REFRIGERANT CHARGE (LBS.)	MANUF./ MODEL NO.	EVAPORATOR (INDOOR) FAN SECTION: SUPPLY AIR (CFM)	MINIMUM OUTSIDE AIR (CFM)	% OUTSIDE AIR (CFM)	SUPPLY EXTERNAL SP (IN. W.C.)	SIZE (TONS)	COOLING SECTION: TOTAL COOLING CAPACITY (MBH)	SENSIBLE COOLING CAPACITY (MBH)	LATENT COOLING CAPACITY (MBH)
RTU-1-93	~~*UNIT REMOVED~~												
RTU-2-93	STOCKROOM OFFICES / LIBRARY	1993	R-22	3.8	TRANE YCC018F1L	600	–	–	0.43/0.67	1.5	18	–	–
RTU-3-93	LOW BAY DOCK OFFICE	1993	R-22	5.6	TRANE YCH048-090C	1600	–	–	1	4	47	–	–
RTU-4-93	~~*UNIT REMOVED~~												
RTU-1-96	ELECTRICAL ROOM @ ENGINE/AIR COMPRESSOR	1996	R-22	9.1	TRANE TCD 075C4	2250	120	5.3	0.25	6.25	73.2	63.4	9.8
RTU-2-96	~~*UNIT REMOVED~~												
RTU-3-96	FRONT OFFICE @ HR/SENSORY	1996	R-22	#1: 11.3 #2: 11.3	TRANE YCD 210C4	5480	1650	30.1	0.7	17.5	199.3	148.8	50.5
RTU-4-96	LINES 6/7 PACKAGING MEZZANINE	1996	R-22	7.9	TRANE YCD 060C4	2400	0	0	0.5	5	65.3	49.6	15.7
RTU-1-2K	QA RECORD STORAGE (FORMER SERVER ROOM)	2000	R-410A	3.5	TRANE TSC 048	1600	–	–	1	4	49.4	37.3	12.1
RTU-1-02	INDUSTRIAL SERVICES OFFICE	2002	R-410A	4.0	YORK DNZ036	1200	0	0	0.5	3	34.2	19.4	14.8
RTU-1-04	FRONT OFFICE & CUBICLE AREAS	2004	R-22	#1: 6.0 #2: 6.0	LENNOX LGC090	2400	350	14.6	1.0	7.5	92.869	78.440	14.429
RTU-2-04	LOCKER ROOMS (2004)	2004	R-22	10	LENNOX LGC060	1600	510	31.9	0.50	5	61.615	41.480	20.135
RTU-3-04	LINE 8 TRAINING ROOM	2004	R-22	9.3125	LENNOX LGC072	2400	375	15.6	0.50	6	77.382	53.143	24.239
RTU-4-04	REAR OFFICES	2004	R-22	8.5	LENNOX LGA042	1800	300	16.7	0.60	3.5	47.628	37.456	10.172
RTU-5-04	L8 PACKAGING MEZZANINE (ABOVE WRAPPERS)	2004	R-22	9.5	LENNOX LGC048	1600	160	10	0.30	4	49.238	42.675	6.563
RTU-6-04	L8 PACKAGING MEZZANINE (ABOVE CARTONERS)	2004	R-22	8.5	LENNOX LGA042	1400	140	10	0.30	3.5	43.848	38.497	5.351
RTU-7-04	L8 PACKAGING MEZZANINE (ABOVE CASE PACKERS)	2004	R-22	8.5	LENNOX LGA042	1400	140	10	0.30	3.5	43.848	38.497	5.351
RTU-1-05	QA LAB	2005	R-410A	3.6	TRANE YSC092	3000	–	–	–	7.5	94.0	69.1	24.9
RTU-2-05	ENVIRONMENTAL & QA	2005	R-410A	3.2	TRANE YSC036	1200	–	–	–	3	37.2	27.8	9.4
RTU-3-05	ENGINEERING, IP, & BITES CONFERENCE	2005	R-410A	3.5	TRANE YSC048	1600	–	–	–	4	49.4	37.3	12.1
RTU-1-08	FRONT OFFICES – HR/QA/SAFETY/USDA	2008	R-410A	3.9	TRANE YSC102	3400	500	14.7	–	8.5	102.1	76.1	26
RTU-2-08	CAFETERIA & BREAKROOM	2008	R-410A	3.9	TRANE YSC102	3400	660	19.4	–	8.5	102.1	76.1	26
TCD-1	COMPANY STORE, IT ROOMS, HALLWAY	2010	R-410A	#1: 26.4 #2: 15	TRANE TCD240E300	7500	–	–	1	20	246.28	179.9	66.38
RTU-1-11	WEST LAB & OFFICES	2011	R-410A	5.9375	TRANE 4TCC3018A	600	100	16.67	0.5	1.5	18	–	–
RTU-1-14	LOBBY	2014	PROPYL. GYCOL	–	AAON RN010	3615	425	11.8	2	10	87.05	76.12	10.93
RTU-2-14	LOCKERS (2014)	2014	PROPYL. GYCOL	–	AAON RN006	2500	1075	43.0	1.25	6	92.57	68.81	23.76
RTU-3-15	EXIT PASSAGEWAY	2015	PROPYL. GYCOL	–	AAON RQ006	1330	300	22.6	0.5	6	45.37	33.09	12.28
RTU-5-16	LOWER MAINTENANCE SHOP (DOWNSTAIRS)	2016	R-410A	4.0625	LENNOX KGB024	810	–	–	0.7	2	24.8	14.4	10.4
RTU-6-16	WEST MAINTENANCE OFFICES	2016	R-410A	6.25	DAIKIN DSG060	1800	–	–	0.5	5	58	42.34	15.66
RTU-4-17	HERBIE CONFERENCE ROOM	2017	PROPYL. GYCOL	–	DAIKIN DAHA11A	4000	200	5.0	0.25	18	218	141	77

UNIT NO.	COOLING SECTION: EAT DB/WB (°F)	LAT DB/WB (°F)	EWT (°F)	LWT (°F)	GLYCOL FLOW GPM	GLYCOL HEAD (FT H_2O)	GLYCOL (%)	HEATING SECTION: TYPE	HEATING CAPACITY (MBH)	HEATING INPUT (MBH)	HEATING OUTPUT (MBH)	EAT DB/WB (°F)	LAT DB/WB (°F)	ELECTRICAL: VOLT	Hz	Ph.
RTU-1-93	DEMO'D / REMOVED															
RTU-2-93	–	–	N/A	N/A	N/A	N/A	N/A	NATURAL GAS	32/38	40/50	32/40	62.2	85.7	208	60	1
RTU-3-93	–	–	N/A	N/A	N/A	N/A	N/A	NATURAL GAS	–	90	72	62.2	85.7	460	60	3
RTU-4-93	DEMO'D / REMOVED															
RTU-1-96	85.3/65.8	–	N/A	N/A	N/A	N/A	N/A	ELECTRIC	97/166	–	–	–	–	460	60	3
RTU-2-96	DEMO'D / REMOVED															
RTU-3-96	82.9/67.0	–	N/A	N/A	N/A	N/A	N/A	NATURAL GAS	–	350	284	–	–	460	60	3
RTU-4-96	82.0/67.8	–	N/A	N/A	N/A	N/A	N/A	NATURAL GAS	–	135	109	–	–	460	60	3
RTU-1-2K	82.0/67.0	58.5/–	N/A	N/A	N/A	N/A	N/A	NATURAL GAS	–	80	64	–	–	460	60	3
RTU-1-02	85.0/57.0	65/–	N/A	N/A	N/A	N/A	N/A	NATURAL GAS	90	45	36	–	–	460	60	3
RTU-1-04	85.4/66.6	60.0/53.4	N/A	N/A	N/A	N/A	N/A	NATURAL GAS	–	84.5/130	67.5/104	–	–	460	60	3
RTU-2-04	85.2/70.8	60.8/59.0	N/A	N/A	N/A	N/A	N/A	NATURAL GAS	–	78	62.4	–	–	460	60	3
RTU-3-04	80.3/67.5	59.6/57.1	N/A	N/A	N/A	N/A	N/A	NATURAL GAS	–	92/125	73.6/100	–	–	460	60	3
RTU-4-04	81.9/68.8	62.5/60.7	N/A	N/A	N/A	N/A	N/A	NATURAL GAS	–	78	62.4	–	–	460	60	3
RTU-5-04	83.5/65.8	58.5/55.5	N/A	N/A	N/A	N/A	N/A	NATURAL GAS	–	78	62.4	–	–	460	60	3
RTU-6-04	83.5/65.8	57.7/55.3	N/A	N/A	N/A	N/A	N/A	NATURAL GAS	–	78	62.4	–	–	460	60	3
RTU-7-04	83.5/65.8	57.7/55.3	N/A	N/A	N/A	N/A	N/A	NATURAL GAS	–	78	62.4	–	–	460	60	3
RTU-1-05	80/67	58.8/–	N/A	N/A	N/A	N/A	N/A	NATURAL GAS	–	150	120	–	–	460	60	3
RTU-2-05	80/67	58.6/–	N/A	N/A	N/A	N/A	N/A	NATURAL GAS	–	80	64	–	–	460	60	3
RTU-3-05	80/67	58.5/–	N/A	N/A	N/A	N/A	N/A	NATURAL GAS	–	80	64	–	–	460	60	3
RTU-1-08	80/67	59.2/–	N/A	N/A	N/A	N/A	N/A	NATURAL GAS	–	120	97.2	–	–	460	60	3
RTU-2-08	80/67	59.2/–	N/A	N/A	N/A	N/A	N/A	NATURAL GAS	–	120	97.2	–	–	460	60	3
TCD-1	80/67	57.79/56.32	N/A	N/A	N/A	N/A	N/A	ELECTRIC	250/400	–	–	–	–	208	60	3
RTU-1-11	–	–	N/A	N/A	N/A	N/A	N/A	ELECTRIC	20.5/27.3	–	–	–	–	208	60	1
RTU-1-14	77/63.8	57.18/55.5	38	49.5	18	7.34	35%	NATURAL GAS	72.9	90	72.9	62.2/46.2	85.7/56.3	460	60	3
RTU-2-14	82.2/67.4	56.04/54.94	38	49.6	18	7.37	35%	NATURAL GAS	120	150	120	44.2/35.8	88.7/56.6	460	60	3
RTU-3-15	79.51/65.27	55.99/53.41	30	39.2	11	6.02	35%	NATURAL GAS	48.6	60	48.6	59.1/45.1	93.0/59.4	460	60	3
RTU-5-16	80/67	51.8/–	N/A	N/A	N/A	N/A	N/A	NATURAL GAS	–	65	52	25.8/–	86/–	208	60	1
RTU-6-16	80/67	58.32/–	N/A	N/A	N/A	N/A	N/A	NATURAL GAS	240	103.5/138	110	25.8/–	83.2/–	230	60	3
RTU-4-17	86.7/70.5	54.4/53.9	30	42.5	37.5	31.9	35%	NATURAL GAS	400	300	240	25.8/–	83.2/–	460	60	3

UNIT NO.	EVAP FAN HP	EVAP FAN RPM (V/Hz/Ph)	EVAP FAN FLA	COND FAN HP	COND FAN RPM (V/Hz/Ph)	COND FAN FLA	EXH FAN HP	EXH FAN RPM (V/Hz/Ph)	EXH FAN FLA	MCA	MOP	FILTERS: MERV	%	SIZE, LxWxH (QUANTITY)	AIR VELOCITY (FT./MIN)	OPERATING WEIGHT (LBS.)	COMMENTS/REMARKS
RTU-1-93				–	–	–											~~UNIT REMOVED FROM THE FACTORY.~~
RTU-2-93	0.25	1080	1.6	0.2	1080	1.6	0.03	3480 (240/60/1)	0.6	13.2	20	8	30	20x20x1 (1)	216	301	M#YCC018F1L0BA; S#CS157156; ASSET#1031098
RTU-3-93	0.5	850	2.0	0.33	1075	1.0	0.05	3350 (208/60/1)	1.0	11.9	15	8	30	16x25x1 (2)	287.8	700	[PLATE REMOVED]; ?=16 OR 20 ASSET#066060
RTU-4-93				–	–	–											~~UNIT REMOVED FROM THE FACTORY.~~
RTU-1-96	1	1725	3.2	0.5	1075	2.4	N/A	N/A	N/A	17.7	25	30%	30	16x25x1 (3)	270	800	M#TCD075C400BC; S#L18100932D; ASSET#062619; TWO CIRCUITS #1 & #2
RTU-2-96				–	–	–											~~UNIT REMOVED FROM THE FACTORY.~~
RTU-3-96	5	3450	7.6	1	1125	2.9	N/A	N/A	N/A	47	60	8	30	20x25x2 (4) 20x20x2 (2)	281.8	1900	M#YCD210C4HFBA; S#L51103659D; ASSET#–; TWO CIRCUITS #1 & #2
RTU-4-96	0.6	850	2.5	0.4	1075	1.3	N/A	N/A	N/A	16.3	25	8	30	20x25x1 (2)	345.6	700	M#YCD060C4H0BE; S#L29101073D; ASSET#050212
RTU-1-2K	1	1059	2.5	0.33	1100	0.7	N/A	N/A	N/A	11.5	15	8	–	20x35x2 (2)	164.6	563	M#TSC048A4R0A1Y; S#609100698L; ASSET#1037165
RTU-1-02	0.75	922/1133 (208/60/1)	6.0	0.25	1100	0.8	0.02	3350 (208/60/1)	0.64	9.4	15	11	60	20x20x1 (1)	431.7	402	M#D3NZ036N07246; S#N1E0869556; ASSET#006894
RTU-1-04	2	869	3.4	0.33	1075	2.6	N/A	N/A	N/A	21	25	11	–	18x24x2 (4)	200	1500	M#LGC090S2; S#– ASSET#050198; TWO CIRCUITS #1 & #2
RTU-2-04	1.5	868	2.8	0.33	1075	1.3	N/A	N/A	N/A	14	20	11	–	16x25x2 (2)	287.8	1000	M#LGC060S26H1G; S#5604H01413 ASSET#050199
RTU-3-04	1.5	1125	2.8	0.33	1075	1.3	N/A	N/A	N/A	16	20	11	–	16x25x2 (2)	431.7	1000	M#LGC072S2; S#– ASSET#–
RTU-4-04	1.5	949	2.8	0.33	1075	1.3	N/A	N/A	N/A	12	15	7	–	16x25x2 (2)	323.7	1000	M#LGA042H2; S#– ASSET#–
RTU-5-04	1.5	760	2.8	0.33	1075	1.3	N/A	N/A	N/A	13	15	11	–	16x25x2 (2)	287.8	1000	M#LGC048S2; S#– ASSET#–
RTU-6-04	1.5	703	2.8	0.33	1075	1.3	N/A	N/A	N/A	12	15	11	–	16x25x2 (2)	251.8	1000	M#LGA042H2; S#– ASSET#–
RTU-7-04	1.5	703	2.8	0.33	1075	1.3	N/A	N/A	N/A	12	15	11	–	16x25x2 (2)	251.8	1000	M#LGA042H2; S#– ASSET#–
RTU-1-05	1	1750	1.6	0.7	1100	1.5	N/A	N/A	N/A	18.5	20	13	–	20x35x2 (2)	308.6	847	M#YSC092E4RZA0YDR; S#825102923L, DUAL COMPRESSOR, ASSET#066059
RTU-2-05	0.75	1148	1.7	0.25	1100	0.55	N/A	N/A	N/A	11.7	15	13	–	20x35x2 (2)	123.4	532	M#YSC036A4RHA2H; S#632102761L ASSET#1037163
RTU-3-05	1	1181	2.5	0.33	1100	0.7	N/A	N/A	N/A	11.5	15	13	–	20x35x2 (2)	164.6	563	M#YSC048A4RHA2M; S#632102835L ASSET#1037164
RTU-1-08	2	1750	3.1	0.7	1100	1.5	N/A	N/A	N/A	21.4	25	13	–	20x25x2 (4)	244.8	904	M#YSC102A4RMA2MD1; S#632102835L, A35 ASSET#1006976
RTU-2-08	2	1750	3.1	0.7	1100	1.5	N/A	N/A	N/A	21.4	25	13	–	20x25x2 (4)	244.8	904	M#YSC102A4RMA2MD; S#701100833L, A35 ASSET#1037159
TCD-1	5	3450	16.7	1	810	5.5	N/A	N/A	N/A	104	125	–	–	20x25x2 (4) 20x20x2 (4)	300	2402	M#TFD240E40A; S#– ASSET# – ; TWO CIRCUITS #1 & #2
RTU-1-11	0.125	825	16.7	0.083	810	5.5	N/A	N/A	N/A	10.1	15	–	–	20x25x2 (1)	172.8	600	M#4TCC3018A1000AA; S#10133XLS9H ASSET# 006919; HEATER M#BAYHTRV108E
RTU-1-14	5	2003	7.6	N/A	N/A	N/A	N/A	N/A	N/A	10	15	7	30	16x20x2 (4)	406.69	1136	M#RN010300W0N224; S#201502ANGJ42743 ASSET# –
RTU-2-14	2	1714	3.4	N/A	N/A	N/A	N/A	N/A	N/A	5	15	7	30	16x20x2 (4)	281.25	1108	M#RN006300W0N2K4; S#201502ANGF42744 ASSET# –
RTU-3-15	1	1532	3.5	N/A	N/A	N/A	N/A	N/A	N/A	5	15	8	30	20x20x2 (2)	239.4	485	M#RQ0063V0U0J212; S#201506AVGF10456 ASSET# –
RTU-5-16	0.33	–	1.7	0.25	825 (230/60/1)	1.7	–	–	–	16	25	4	–	16x20x2 (4)	91.1	201	M#KGB024S4D; S#1705496509 ASSET# –
RTU-6-16	1	1050 (230/60/1)	6.9	0.25	1075 (230/60/1)	1.4	0.02	1256 (230/60/1)	0.22	28.3	40	13	–	14x20x2 (4)	231.4	620	M#DSG0601403DXXXAA; S#1705496509 ASSET#062613
RTU-4-17	4	1999	4	–	–	–	4	1256	4	9	15	8	–	18x24x2 (6)	222.2	1794	M# DAHA11AHWG4DW; S#FBOU180102015; ASSET#1150472; UNIT TAG#REBEL 001

NOTES:
1. FOR THE LOCATION OF UNITS, DUCTWORK & SERVICE AREAS, REFER TO DWGS 5446-022-MH101-10, 5446-022-MH102-10 AND 5446-022-MH103-10.
2. "R" IN RMAUs ARE UNITS RUNNING ON AMMONIA.
3. "G" IN GMAUs ARE UNITS RUNNING ON GLYCOL.
4. ALL UNITS SHOWN ON SCHEDULES I, II, III AND XII DRAW FRESH AIR FROM THE OUTSIDE. THE DEHUMIDIFIER MUN-4 (SCHEDULE V) ALSO DRAWS FRESH AIR FROM THE OUTSIDE.
5. REFER TO 5446-022-MH602-20 FOR SCHEDULE II AND 5446-022-MH603-20 FOR SCHEDULE III.
6. NUMERATOR/DENOMITOR NUMERATOR = LOW / MIN VALUE; DENOMINATOR = HIGH / MAX VALUE
7. 1 TON = 12 MBH = 12,000 Btu/h
8. AIR VELOCITY (FPM) = CFM ÷ [(FILTER LENGTH X FILTER WIDTH) X (QTY.) ÷ 144]

HVAC SCHEDULE - III : MAUs, RTUs, & SUPPLY FANS

SCALE: NTS (ANSI-D)

Nestlé Engineering RECORD COPY DATE: 25NOV20

NO.	DATE	BY	CHKD	APPD	REMARKS
4					
3					
2					
1	25NOV20	JKN	JM	JM	OVERALL HVAC SCHEDULE FOR RTUs.

MT. STERLING, KENTUCKY
FOODS DIVISION
HVAC SCHEDULE - III
HVAC W/ FRESH AIR SUPPLY
SCHEDULE III - ROOF TOP UNITS

Nestlé Good Food, Good Life
ORIGINATOR: HOT POCKETS / FOODS DIVISION / 5446
ADDRESS: 150 OAK GROVE DRIVE
CITY/STATE: MT. STERLING / KENTUCKY / 40353
TEL NO: (859) 498-4300
FAX NO: (859) 498-4363
E-MAIL: jeff.ng@us.nestle.com

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DRAWN BY: JKN | DATE: 29OCT20 | CHKD BY: JM | DATE: 25NOV20 | APPD BY: JM | DATE: | DATE ISSUED: 25 NOVEMBER 2020
PROJECT NO: N/A | REV NO: 2 | SHEET SIZE: ANSI - D (22 x 34) | SCALE: NTS
CAD DWG FILE: 5446-022-MH603-20 | SHEET NO: MH603