

UNIT NO.	RMAU-8	RMAU-9
STAR DESIGNATION	STAR-2	STAR-2
MANUFACTURER	ACUAR	ACUAR
MODEL NO.	AA0-50-30-RH	AA0-50-30-RH
SERIAL NO.	36942A1R	36942B1L
YEAR INSTALLED	1996	1996
AREA SERVED	DOUGH ROOM NORTH	MIX ROOM NORTH
OPERATING WEIGHT (LBS.)	28,290	24,160
TYPE	CENTRIFUGAL	CENTRIFUGAL
VOLUME (CFM)	50,000	50,000
E.S.P. (IN. WC)	0.75	0.75
FAN MOTOR H.P.	30	30
VOLTAGE/Hz/PH.	460/60/3	460/60/3
FAN MOTOR RPM	1,725	1,725
OUTSIDE AIR (CFM)	4,000	4,000
RETURN AIR VOLUME (CFM)	46,000	46,000
TYPE	30%	30%
MERV RATING	13	13
FINAL PD (IN. WC)	1.5	1.5
SIZE LxWxH (QTY.)	24x24x4 (24)	24x24x4 (24)
FILTER AIR VELOCITY (FPM)	520.8	520.8
CAPACITY (MBH)	468.24	347.04
ROWS	10	6
REFRIGERANT TYPE	R-717 (NH3)	R-717 (NH3)
VELOCITY (FPM)	563	563
EAT (DB °F/WB °F)	47.1/44.6	47.1/44.6
LAT (DB °F/WB °F)	36.18/35.94	38.9/38.3
H.R. (GRAINS/LB.)	-	-
AIR PD (IN. WC)	0.53	0.235
EFT (°F)	-	-
LFT (°F)	-	-
FLOW RATE (GPM)	-	-
PD (FT H2O)	-	-
CAPACITY (MBH)	468.24	347.04
ROWS	10	6
REFRIGERANT TYPE	R-717 (NH3)	R-717 (NH3)
VELOCITY (FPM)	563	563
EAT (DB °F/WB °F)	47.1/44.6	47.1/44.6
LAT (DB °F/WB °F)	36.2/35.9	38.9/38.3
H.R. (GRAINS/LB.)	-	-
AIR PD (IN. WC)	0.53	0.235
EFT (°F)	-	-
LFT (°F)	-	-
FLOW RATE (GPM)	-	-
PD (FT H2O)	-	-
CAPACITY (MBH)	4,320	4,320
ROWS	-	-
HEATING FLUID TYPE	NG DIRECT	NG DIRECT
MIN. FLUID PRESSURE (PSIG)	2.0	2.0
VELOCITY (FPM)	-	-
EAT (DB °F/WB °F)	-	-
LAT (DB °F/WB °F)	-	-
AIR PD (IN. WC)	-	-

UNIT NO.	GMAU-18	GMAU-19	GMAU-20	GMAU-21
STAR DESIGNATION	STAR-2	STAR-2	STAR-2	STAR-2
MANUFACTURER	EVAPCO	EVAPCO	EVAPCO	EVAPCO
MODEL NO.	CP11-16-95-LH	CP11-16-95-LH	CP11-16-95-LH	CP11-16-95-LH
SERIAL NO.	-	-	-	-
YEAR INSTALLED	2013	2013	2012	2012
AREA SERVED	DOUGH ROOM SOUTH	RECEIVING DOCK VESTIBULE & HALLWAY	L8 FREEZER INFEED ROOM	L4/L5/L6/L7 FREEZER INFEED ROOM
OPERATING WEIGHT (LBS.)	33,405	29,105	17,600	17,600
TYPE	TEFC-PLUG	TEFC-PLUG	TEFC-PLUG	TEFC-PLUG
VOLUME (CFM)	21,450	17,675	12,000	12,000
E.S.P. (IN. WC)	2.5	2.5	2.0	2.0
FAN MOTOR H.P.	30	25	15	15
VOLTAGE/Hz/PH.	460/60/3	460/60/3	460/60/3	460/60/3
FAN MOTOR RPM	1,200	1,200	1,200	1,200
OUTSIDE AIR (CFM)	3,350	1,045	-	-
RETURN AIR VOLUME (CFM)	18,100	16,630	NO RETURN	NO RETURN
TYPE	TEFC-PLUG	TEFC-PLUG	N/A	N/A
VOLUME (CFM)	21,450	17,675	N/A	N/A
E.S.P. (IN. WC)	1.5	1.25	N/A	N/A
FAN MOTOR H.P.	15	10	N/A	N/A
VOLTAGE	460/60/3	460/60/3	N/A	N/A
FAN MOTOR RPM	1,200	1,200	N/A	N/A
TYPE	30% THROW.	30% THROW.	30% THROW.	30% THROW.
MERV RATING	8	8	8	8
FINAL PD (IN. WC)	0.55	0.55	-	-
EAT (DB °F/WB °F)	47.1/44.6	47.1/44.6	47.1/44.6	47.1/44.6
LAT (DB °F/WB °F)	36.18/35.94	38.9/38.3	36.18/35.94	38.9/38.3
H.R. (GRAINS/LB.)	-	-	-	-
AIR PD (IN. WC)	0.53	0.235	-	-
EFT (°F)	-	-	-	-
LFT (°F)	-	-	-	-
FLOW RATE (GPM)	-	-	-	-
PD (FT H2O)	-	-	-	-
CAPACITY (MBH)	468.24	347.04	-	-
ROWS	10	6	-	-
REFRIGERANT TYPE	R-717 (NH3)	R-717 (NH3)	-	-
VELOCITY (FPM)	563	563	-	-
EAT (DB °F/WB °F)	47.1/44.6	47.1/44.6	-	-
LAT (DB °F/WB °F)	36.2/35.9	38.9/38.3	-	-
H.R. (GRAINS/LB.)	-	-	-	-
AIR PD (IN. WC)	0.53	0.235	-	-
EFT (°F)	-	-	-	-
LFT (°F)	-	-	-	-
FLOW RATE (GPM)	-	-	-	-
PD (FT H2O)	-	-	-	-
CAPACITY (MBH)	4,320	4,320	-	-
ROWS	-	-	-	-
HEATING FLUID TYPE	NG DIRECT	NG DIRECT	-	-
MIN. FLUID PRESSURE (PSIG)	2.0	2.0	-	-
VELOCITY (FPM)	-	-	-	-
EAT (DB °F/WB °F)	-	-	-	-
LAT (DB °F/WB °F)	-	-	-	-
AIR PD (IN. WC)	-	-	-	-

UNIT NO.	GMAU-22
STAR DESIGNATION	STAR-1
MANUFACTURER	SINTECO
MODEL NO.	HL192/6-AGG
SERIAL NO.	2594
YEAR INSTALLED	2014
AREA SERVED	MINORS ROOM
OPERATING WEIGHT (LBS.)	2674
TYPE	PLUG
VOLUME (CFM)	5,410
E.S.P. (IN. WC)	1.0
FAN MOTOR H.P.	5.4
VOLTAGE/Hz/PH.	460/60/3
FAN MOTOR RPM	1,353
OUTSIDE AIR (CFM)	590
RETURN AIR VOLUME (CFM)	4,820
TYPE	G4 PLEATED PANEL W/FRAME
MERV RATING	8
FINAL PD (IN. WC)	-
SIZE LxWxH (QTY.)	23x23x4x2 (2) 11.3x23x4x2 (2)
TYPE	F7 RIDGID COMPACT W/FRAME
MERV RATING	13
FINAL PD (IN. WC)	-
SIZE LxWxH (QTY.)	23x23x4x11.5 (2) 11.3x23x4x11.5 (2)
FILTER AIR VELOCITY (FPM)	240
CAPACITY (MBH)	178
ROWS	7
REFRIGERANT TYPE	30% PROP. GLYCOL
VELOCITY (FPM)	472.4
EAT (DB °F/WB °F)	37.4/28.4
LAT (DB °F/WB °F)	52.3/-
H.R. (GRAINS/LB.)	60
AIR PD (IN. WC)	-
EFT (°F)	28.5
LFT (°F)	37.5
FLOW RATE (GPM)	43.6
PD (FT H2O)	19.33
CAPACITY (MBH)	127
ROWS	1
REFRIGERANT TYPE	30% PROP. GLYCOL
VELOCITY (FPM)	472.4
EAT (DB °F/WB °F)	52/-
LAT (DB °F/WB °F)	72.1/-
H.R. (GRAINS/LB.)	60
AIR PD (IN. WC)	-
EFT (°F)	158
LFT (°F)	140
FLOW RATE (GPM)	15
PD (FT H2O)	8.75

UNIT NO.	GMAU-29
STAR DESIGNATION	STAR-1
MANUFACTURER	SINTECO
MODEL NO.	HL192/6-AGG
SERIAL NO.	2594
YEAR INSTALLED	2014
AREA SERVED	MINORS ROOM
OPERATING WEIGHT (LBS.)	2674
TYPE	PLUG
VOLUME (CFM)	5,410
E.S.P. (IN. WC)	1.0
FAN MOTOR H.P.	5.4
VOLTAGE/Hz/PH.	460/60/3
FAN MOTOR RPM	1,353
OUTSIDE AIR (CFM)	590
RETURN AIR VOLUME (CFM)	4,820
TYPE	G4 PLEATED PANEL W/FRAME
MERV RATING	8
FINAL PD (IN. WC)	-
SIZE LxWxH (QTY.)	23x23x4x2 (2) 11.3x23x4x2 (2)
TYPE	F7 RIDGID COMPACT W/FRAME
MERV RATING	13
FINAL PD (IN. WC)	-
SIZE LxWxH (QTY.)	23x23x4x11.5 (2) 11.3x23x4x11.5 (2)
FILTER AIR VELOCITY (FPM)	240
CAPACITY (MBH)	178
ROWS	7
REFRIGERANT TYPE	30% PROP. GLYCOL
VELOCITY (FPM)	472.4
EAT (DB °F/WB °F)	37.4/28.4
LAT (DB °F/WB °F)	52.3/-
H.R. (GRAINS/LB.)	60
AIR PD (IN. WC)	-
EFT (°F)	28.5
LFT (°F)	37.5
FLOW RATE (GPM)	43.6
PD (FT H2O)	19.33
CAPACITY (MBH)	127
ROWS	1
REFRIGERANT TYPE	30% PROP. GLYCOL
VELOCITY (FPM)	472.4
EAT (DB °F/WB °F)	52/-
LAT (DB °F/WB °F)	72.1/-
H.R. (GRAINS/LB.)	60
AIR PD (IN. WC)	-
EFT (°F)	158
LFT (°F)	140
FLOW RATE (GPM)	15
PD (FT H2O)	8.75

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 DRAW FRESH AIR FROM THE OUTSIDE.

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

HVAC SCHEDULE - I : RMAUs & GMAUs

SCALE: NTS (ANSI-D)

UNIT NO.	GMAU-23
STAR DESIGNATION	STAR-2
MANUFACTURER	SINTECO
MODEL NO.	HLFC3/25V-G-G
SERIAL NO.	2563
YEAR INSTALLED	2014
AREA SERVED	LINE 4 SHEETING
OPERATING WEIGHT (LBS.)	29,762
TYPE	PLUG
VOLUME (CFM)	22,500
E.S.P. (IN. WC)	3.0
FAN MOTOR H.P.	50
VOLTAGE/Hz/PH.	480/60/3
FAN MOTOR RPM	1,164
OVERPRESSURE (CFM)	2,250
WASHING (CFM)	3,900
FREE COOLING (CFM)	22,500
TYPE	PLUG
VOLUME (CFM)	22,500
E.S.P. (IN. WC)	-
FAN MOTOR H.P.	15
VOLTAGE	480/60/3
FAN MOTOR RPM	1,170
TYPE	PLUG
VOLUME (CFM)	7,500
E.S.P. (IN. WC)	-
FAN MOTOR H.P.	15
VOLTAGE	480/60/3
FAN MOTOR RPM	1,317
TYPE	PLUG
VOLUME (CFM)	7,500
E.S.P. (IN. WC)	-
FAN MOTOR H.P.	-
VOLTAGE	480/60/3
FAN MOTOR RPM	-
TYPE	G4 PLEATED PANEL W/FRAME
MERV RATING	8
FINAL PD (IN. WC)	-
EAT (DB °F/WB °F)	23x4x23x4x2 (14) 11.3x23x4x2 (6)
LAT (DB °F/WB °F)	-
H.R. (GRAINS/LB.)	-
AIR PD (IN. WC)	-
EFT (°F)	-
LFT (°F)	-
FLOW RATE (GPM)	-
PD (FT H2O)	-
CAPACITY (MBH)	204.3
ROWS	748.3
REFRIGERANT TYPE	30% PROP. GLYCOL
VELOCITY (FPM)	420
EAT (DB °F/WB °F)	-
LAT (DB °F/WB °F)	-
H.R. (GRAINS/LB.)	-
AIR PD (IN. WC)	-
EFT (°F)	30.2
LFT (°F)	33.8
FLOW RATE (GPM)	466.7
PD (FT H2O)	25.23
EAT (DB °F/WB °F)	-
LAT (DB °F/WB °F)	-
H.R. (GRAINS/LB.)	-
AIR PD (IN. WC)	-
EFT (°F)	30.2
LFT (°F)	33.8
FLOW RATE (GPM)	466.7
PD (FT H2O)	25.23
EAT (DB °F/WB °F)	-
LAT (DB °F/WB °F)	-
H.R. (GRAINS/LB.)	-
AIR PD (IN. WC)	-
EFT (°F)	30.2
LFT (°F)	33.8
FLOW RATE (GPM)	466.7
PD (FT H2O)	25.23
EAT (DB °F/WB °F)	-
LAT (DB °F/WB °F)	-
H.R. (GRAINS/LB.)	-
AIR PD (IN. WC)	-
EFT (°F)	30.2
LFT (°F)	33.8
FLOW RATE (GPM)	466.7
PD (FT H2O)	25.23
EAT (DB °F/WB °F)	-
LAT (DB °F/WB °F)	-
H.R. (GRAINS/LB.)	-
AIR PD (IN. WC)	-
EFT (°F)	30.2
LFT (°F)	33.8
FLOW RATE (GPM)	466.7
PD (FT H2O)	25.23
EAT (DB °F/WB °F)	-
LAT (DB °F/WB °F)	-
H.R. (GRAINS/LB.)	-
AIR PD (IN. WC)	-
EFT (°F)	30.2
LFT (°F)	33.8
FLOW RATE (GPM)	466.7
PD (FT H2O)	25.23
EAT (DB °F/WB °F)	-
LAT (DB °F/WB °F)	-
H.R. (GRAINS/LB.)	-
AIR PD (IN. WC)	-
EFT (°F)	30.2
LFT (°F)	33.8
FLOW RATE (GPM)	466.7
PD (FT H2O)	25.23
EAT (DB °F/WB °F)	-
LAT (DB °F/WB °F)	-
H.R. (GRAINS/LB.)	-
AIR PD (IN. WC)	-
EFT (°F)	30.2
LFT (°F)	33.8
FLOW RATE (GPM)	466.7
PD (FT H2O)	25.23
EAT (DB °F/WB °F)	-
LAT (DB °F/WB °F)	-
H.R. (GRAINS/LB.)	-
AIR PD (IN. WC)	-
EFT (°F)	30.2
LFT (°F)	33.8
FLOW RATE (GPM)	466.7
PD (FT H2O)	25.23
EAT (DB °F/WB °F)	-
LAT (DB °F/WB °F)	-
H.R. (GRAINS/LB.)	-
AIR PD (IN. WC)	-
EFT (°F)	30.2
LFT (°F)	33.8
FLOW RATE (GPM)	466.7
PD (FT H2O)	25.23
EAT (DB °F/WB °F)	-
LAT (DB °F/WB °F)	-
H.R. (GRAINS/LB.)	-
AIR PD (IN. WC)	-
EFT (°F)	30.2
LFT (°F)	33.8
FLOW RATE (GPM)	466.7
PD (FT H2O)	25.23
EAT (DB °F/WB °F)	-
LAT (DB °F/WB °F)	-
H.R. (GRAINS/LB.)	-
AIR PD (IN. WC)	-
EFT (°F)	30.2
LFT (°F)	33.8
FLOW RATE (GPM)	466.7
PD (FT H2O)	25.23
EAT (DB °F/WB °F)	-
LAT (DB °F/WB °F)	-
H.R. (GRAINS/LB.)	-
AIR PD (IN. WC)	-
EFT (°F)	30.2
LFT (°F)	33.8
FLOW RATE (GPM)	466.7
PD (FT H2O)	25.23
EAT (DB °F/WB °F)	-
LAT (DB °F/WB °F)	-
H.R. (GRAINS/LB.)	-
AIR PD (IN. WC)	-
EFT (°F)	30.2
LFT (°F)	33.8
FLOW RATE (GPM)	466.7
PD (FT H2O)	25.23
EAT (DB °F/WB °F)	-
LAT (DB °F/WB °F)	-
H.R. (GRAINS/LB.)	-
AIR PD (IN. WC)	-
EFT (°F)	30.2
LFT (°F)	33.8
FLOW RATE (GPM)	466.7
PD (FT H2O)	25.23
EAT (DB °F/WB °F)	-
LAT (DB °F/WB °F)	-
H.R. (GRAINS/LB.)	-
AIR PD (IN. WC)	-
EFT (°F)	30.2
LFT (°F)	33.8
FLOW RATE (GPM)	466.7
PD (FT H2O)	25.23
EAT (DB °F/WB °F)	-
LAT (DB °F/WB °F)	-
H.R. (GRAINS/LB.)	-
AIR PD (IN. WC)	-
EFT (°F)	30.2
LFT (°F)	33.8
FLOW RATE (GPM)	466.7
PD (FT H2O)	25.23
EAT (DB °F/WB °F)	-
LAT (DB °F/WB °F)	-
H.R. (GRAINS/LB.)	-
AIR PD (IN. WC)	-
EFT (°F)	30.2
LFT (°F)	33.8
FLOW RATE (GPM)	466.7
PD (FT H2O)	25.23
EAT (DB °F/WB °F)	-
LAT (DB °F/WB °F)	-
H.R. (GRAINS/LB.)	-
AIR PD (IN. WC)	-
EFT (°F)	30.2
LFT (°F)	33.8
FLOW RATE (GPM)	466.7
PD (FT H2O)	25.23
EAT (DB °F/WB °F)	-
LAT (DB °F/WB °F)	-
H.R. (GRAINS/LB.)	-
AIR PD (IN. WC)	-
EFT (°F)	30.2
LFT (°F)	33.8
FLOW RATE (GPM)	466.7
PD (FT H2O)	25.23
EAT (DB °F/WB °F)	-
LAT (DB °F/WB °F)	-
H.R. (GRAINS/LB.)	-
AIR PD (IN. WC)	-
EFT (°F)	30.2
LFT (°F)	33.8
FLOW RATE (GPM)	466.7
PD (FT H2O)	25.23
EAT (DB °F/WB °F)	-
LAT (DB °F/WB °F)	-
H.R. (GRAINS/LB.)	-
AIR PD (IN. WC)	-
EFT (°F)	30.2
LFT (°F)	33.8
FLOW RATE (GPM)	466.7
PD (FT H2O)	25.23
EAT (DB °F/WB °F)	-
LAT (DB °F/WB °F)	-
H.R. (GRAINS/LB.)	-
AIR PD (IN. WC)	-
EFT (°F)	30.2
LFT (°F)	33.8
FLOW RATE (GPM)	466.7
PD (FT H2O)	25.23
EAT (DB °F/WB °F)	-
LAT (DB °F/WB °F)	-
H.R. (GRAINS/LB.)	-
AIR PD (IN. WC)	-
EFT (°F)	30.2
LFT (°F)	33.8
FLOW RATE (GPM)	466.7
PD (FT H2O)	25.23
EAT (DB °F/WB °F)	-
LAT (DB °F/WB °F)	-
H.R. (GRAINS/LB.)	-</