

FAN COIL UNIT SCHEDULE

	PLAN TAG	FC-01	FC-02	FC-03	FC-04	FC-05	FC-06	FC-07	FC-08	FC-09	FC-10	FC-11	FC-12	FC-13	FC-14	FC-15	FC-16	FC-17	FC-18	FC-19	FC-20	FC-21	FC-22	FC-23	FC-24	
GENERAL DATA	MANUFACTURER	CARRIER	CARRIER	CARRIER	CARRIER	CARRIER	CARRIER	CARRIER	CARRIER	CARRIER	CARRIER	CARRIER	CARRIER	CARRIER	CARRIER	CARRIER	CARRIER	CARRIER	CARRIER	CARRIER	CARRIER	CARRIER	CARRIER	CARRIER	CARRIER	
	MODEL NUMBER	42BHC10	42BHC10	42CEA06	42CEA04	42CEA03	42CEA06	42CEA03	42CEA06	42CEA03	42CEA06	42CEA04	42CEA04	42CEA04	42CEA04	42CEA10	42CEA08	42CEA04	42CEA04	42CEA04	42CEA04	42CEA04	42CEA06	42CEA08	42CEA06	
	TYPE	HORIZONTAL	HORIZONTAL	HORIZONTAL	HORIZONTAL	HORIZONTAL	HORIZONTAL	HORIZONTAL	HORIZONTAL	HORIZONTAL	HORIZONTAL	HORIZONTAL	HORIZONTAL	HORIZONTAL	HORIZONTAL	HORIZONTAL	HORIZONTAL	HORIZONTAL	HORIZONTAL	HORIZONTAL	HORIZONTAL	HORIZONTAL	HORIZONTAL	HORIZONTAL	HORIZONTAL	
	STYLE	CEILING MTD	CEILING MTD	CEILING MTD	CEILING MTD	CEILING MTD	CEILING MTD	CEILING MTD	CEILING MTD	CEILING MTD	CEILING MTD	CEILING MTD	CEILING MTD	CEILING MTD	CEILING MTD	CEILING MTD	CEILING MTD	CEILING MTD	CEILING MTD	CEILING MTD	CEILING MTD	CEILING MTD	CEILING MTD	CEILING MTD	CEILING MTD	
	OVERALL SIZE (WxHxD)(IN)	37 X 38 X 20	37 X 38 X 20	36 X 10 X 18	41 X 9 X 23	35 X 9 X 20	46 X 10 X 20	35 X 9 X 20	46 X 10 X 20	35 X 9 X 20	46 X 10 X 20	35 X 9 X 20	46 X 10 X 20	41 X 9 X 20	41 X 9 X 20	41 X 9 X 20	41 X 9 X 20	67 X 10 X 20	53 X 10 X 23	41 X 9 X 20	41 X 9 X 20	41 X 9 X 20	41 X 9 X 20	41 X 9 X 20	53 X 10 X 20	46 X 10 X 20
	OPERATING WEIGHT (LBS)	300	300	100	90	60	80	60	80	60	80	100	70	70	70	140	110	70	70	70	70	70	70	100	80	
	MINIMUM OA (CFM)	100	100	100	40	60	40	100	0	60	40	240	80	40	40	0	270	270	200	220	120	220	220	0	300	
	REMARKS																									
	FAN DATA	AIRFLOW (CFM)	860	1100	480	365	185	340	185	450	185	480	340	340	340	340	285	720	525	285	285	285	285	450	575	450
		EXTERNAL SP (IN WG)	0.5	0.5	0.2	0.2	0.15	0.25	0.15	0.2	0.15	0.2	0.15	0.2	0.15	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
MOTOR HP (W)		1/3	1/2	1/30	1/8	1/30	1/30	1/12	1/30	1/8	1/12	1/30	1/8	1/12	1/12	2 - 1/12	1/8	1/8	1/12	1/12	1/12	1/12	1/12	1/12	1/6	1/12
VOLTS		120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120
PHASE		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
COOLING SENSIBLE (MBH)		20.6	24.4	11.3	8.2	4.5	8.5	4.5	10.7	4.3	10.5	7.5	7.5	7.5	6.9	18.7	12.9	6.5	6.2	6.7	6.3	6.3	10.8	13.0	10.3	

REMARKS:
1) REHEAT COIL WITH 20% GYLCOL.

FAN COIL UNIT SCHEDULE (CONTINUED)

	PLAN TAG	FC-25	FC-26	FC-27	FC-28	FC-29	FC-30	FC-31	FC-32	FC-33	FC-34	FC-35	FC-36	FC-37	FC-38	FC-39	
GENERAL DATA	MANUFACTURER	CARRIER	CARRIER	CARRIER	CARRIER	CARRIER	CARRIER	CARRIER	CARRIER	CARRIER	CARRIER	CARRIER	CARRIER	CARRIER	CARRIER	CARRIER	
	MODEL NUMBER	42CEA06	42CEA08	42CEA08	42CEA08	42CEA04	42CEA04	42BHC20	42BHC20	42CEA12	42CEA06	42CEA12	42CEA06	42CEA12	42CEA06	42CEA06	
	TYPE	HORIZONTAL	HORIZONTAL	HORIZONTAL	HORIZONTAL	HORIZONTAL	HORIZONTAL	HORIZONTAL	HORIZONTAL	HORIZONTAL	HORIZONTAL	HORIZONTAL	HORIZONTAL	HORIZONTAL	HORIZONTAL	HORIZONTAL	
	STYLE	CEILING MTD	CEILING MTD	CEILING MTD	CEILING MTD	CEILING MTD	CEILING MTD	CEILING MTD	CEILING MTD	CEILING MTD	CEILING MTD	CEILING MTD	CEILING MTD	CEILING MTD	CEILING MTD	CEILING MTD	
	OVERALL SIZE (WxHxD)(IN)	46 X 10 X 20	53 X 10 X 20	53 X 10 X 20	53 X 10 X 20	41 X 9 X 20	41 X 9 X 20	48 X 41 X 23	48 X 41 X 23	75 X 10 X 20	46 X 10 X 20	75 X 10 X 20	46 X 10 X 20	75 X 10 X 20	46 X 10 X 20	46 X 10 X 20	
	OPERATING WEIGHT (LBS)	80	100	100	100	70	70	400	400	160	80	160	80	160	80	80	
	MINIMUM OA (CFM)	200	270	260	300	0	0	0	0	1300	570	1600	720	1230	600	0	
	REMARKS																
	FAN DATA	AIRFLOW (CFM)	450	575	575	575	340	140	2140	2200	1050	450	1050	450	1050	450	520
		EXTERNAL SP (IN WG)	0.2	0.2	0.2	0.2	0.15	0.10	0.75	0.80	0.15	0.20	0.15	0.2	0.15	0.2	
MOTOR HP (W)		1/12	1/6	1/6	1/6	1/12	1/30	3/4	1	2 - 1/6	1/12	2 - 1/6	1/12	2 - 1/6	1/12		
VOLTS		120	120	120	120	120	120	460	460	120	120	120	120	120	120		
PHASE		1	1	1	1	1	1	3	3	1	1	1	1	1	1		
COOLING SENSIBLE (MBH)		10.3	13.0	13.0	13.0	8.0	3.4	45.6	47.3	23.1	10.6	23.1	10.1	23.1	10.1		

REMARKS:
1) REHEAT COIL WITH 20% GYLCOL.

FAN SCHEDULE

	PLAN TAG	EF-1	EF-2	KEP-1
GENERAL DATA	MANUFACTURER	GREENHECK	GREENHECK	GREENHECK
	MODEL NUMBER	SP-B200	SP-B110	CUBE-220HP-30
	LOCATION	CEILING	ROOF	ROOF
	SERVES	SEE PLAN	SEE PLAN	SEE PLAN
	TYPE	CEILING	CEILING	UPBLAST
	MAX OPERATING WEIGHT (LBS)	10	10	180
	ROOF/WALL OPENING SIZE (IN)	15 X 15	15 X 15	26.5 X 26.5
	REMARKS	1	1	1, 2, 3, 4
	AIRFLOW (CFM)	180	90	6000
	TOTAL SP (IN WG)	0.5	0.5	1.0
FAN DATA	DRIVE	DIRECT	DIRECT	BELT
	CLASS	-	-	-
	WHEEL TYPE	-	-	-
	WHEEL DIAMETER (IN)	-	-	-
	MAX FAN BHP	-	-	2.47
	FAN RPM	-	-	1170
MOTOR DATA	MAX SONES	5.8	2.8	23
	HP (W)	(175)	(80)	3
	VOLTS	115	115	460
	PHASE	1	1	3
RPM	1100	950	1725	
CONTROL DEVICE	LIGHT SWITCH	LIGHT SWITCH	5	

REMARKS:
1) FAN CURVES SHALL BE SUBMITTED WITH ALL SHOP DRAWINGS.
2) PROVIDE FACTORY COMPUTER SELECTION PRINTOUT FOR CONDITION STATED ABOVE.
3) SWITCH - NEMA-1, TOGGLE, JUNCTION BOX MOUNTED AND WIRED.
4) CURB GRI-34-G12, VENTED CURB EXT. VCIW-34-G10.5, HEAT Baffle, CLEAN-OUT PORT GREASE TRAP WITH DRAIN CONNECTION, BEARINGS WITH GREASE FITTINGS, HOOD HASPS, LIFTING LUGS, PREMIUM EFFICIENT MOTORS, ALUMINUM HOUSING, BACKWARDS INCLINED ALUMINUM WHEEL, CURB CAP WITH PREPUNCHED MOUNTING HOLES, MOTOR AND DRIVES ISOLATED ON SHOCK MOUNTS, DRAIN TROUGH, BALL BEARING MOTORS, ADJUSTABLE MOTOR PULLEY AND PLATE
5) INTERLOCK WITH MAU-1 AND KH-1

MAKE-UP AIR UNIT (GAS-FIRED)

	PLAN TAG	MAU-1
GENERAL DATA	MANUFACTURER	GREENHECK
	MODEL NUMBER	IG-112-H30
	SERVES	KH-1
	LOCATION	ROOF
	OVERALL SIZE (LxWxH)(IN)	180 X 53 X 40
	MAX OPERATING WEIGHT (LBS)	1300
	CONFIGURATION	-
	REMARKS	1
	AIRFLOW (CFM)	4000
	TOTAL SP (IN WG)	1.0
HEATING DATA	EXTERNAL SP (IN WG)	0.5
	GAS TYPE	NATURAL
	INPUT (MBH)	-
	OUTPUT (MBH)	313.6
	EAT (F)	-2.0
	LAT (F)	70.0
SUPPLY DATA	TYPE	-
	SIZE	-
	HP (W)	3.0
ELECTRICAL DATA	VOLTS	460
	PHASE	3
	HERTZ	60
FILTER DATA	TYPE	FLA
	NO / SIZE	16

NOTES:
1. PROVIDE WITH V-BANK FILTERS - 2" ALUM. MESH, CONTROL CENTER WITH DISC, STARTERS: SUPPLY, INLET DAMPER, WEATHERHOOD WITH BIRDSCREEN, TEMPERATURE CONTROLS, PREMIUM EFFICIENT MOTOR, AND ROOF CURB.

ENERGY RECOVERY UNIT

	PLAN TAG	ERU-1	ERU-2	ERU-3	ERU-4	ERU-5	ERU-6
GENERAL DATA	MANUFACTURER	GREENHECK	GREENHECK	GREENHECK	GREENHECK	GREENHECK	GREENHECK
	MODEL NUMBER	ERCH-90H-30	MINV-750	MINV-750	MINV-750	MINV-750	MINV-750
	SERVES	SEE PLAN	SEE PLAN	SEE PLAN	SEE PLAN	SEE PLAN	SEE PLAN
	LOCATION	ROOF	RM-143	RM-162	RM-162	RM-166	RM-165
	OVERALL SIZE (WxHxD)(IN)	149 X 96 X 85	46 X 22 X 36	46 X 22 X 36	46 X 22 X 36	46 X 22 X 36	46 X 22 X 36
	MAX OPERATING WEIGHT (LBS)	5000	250	250	250	250	250
	MIN WHEEL EFFICIENCY (%)	78.0	74.0	70.0	74.0	70.0	74.0
	REMARKS	1, 2	3, 4	3, 4	3, 4	3, 4	3, 4
	SUPPLY (CFM)	6000	630	850	660	840	830
	EXHAUST (CFM)	6000	640	840	650	840	730
AIRFLOW DATA	SUPPLY EXTERNAL SP (IN WG)	1.8	0.75	0.75	0.75	0.75	0.75
	EXHAUST EXTERNAL SP (IN WG)	1.0	0.75	0.75	0.75	0.75	0.75
	OA EA - T °F DB / °F WB	94/79	94/79	94/79	94/79	94/79	94/79
	OA EA - SH(ig) / ENTHALPY (BTU/lb)	126/42.4	126/42.4	126/42.4	126/42.4	126/42.4	126/42.4
	OA LA - T °F DB / °F WB	79/26/67	76/16/46	77/16/55	76/58/50	77/16/55	77/68/60
	OA LA - SH(ig) / ENTHALPY (BTU/lb)	79/31.2	73/29.6	76/30.3	74/29.9	76/30.3	77/30.7
WHEEL SUMMER DATA	EX EA - T °F DB / REL HUM (%)	75/50	70/50	70/50	70/50	70/50	70/50
	EX EA - SH(ig) / ENTHALPY (BTU/lb)	65/28.1	54/25.3	54/25.3	54/25.3	54/25.3	54/25.3
	EX LA - T °F DB / °F WB	89/87/95	88/27/49	87/17/40	88/47/50	87/17/40	86/75/2
	EX LA - SH(ig) / ENTHALPY (BTU/lb)	112/39.2	109/38.5	106/37.5	109/38.4	106/37.5	110/38.6
	OA EA - T °F DB / °F WB	84/54	-2/0.34	-2/0.34	-2/0.34	-2/0.34	-2/0.34
	OA EA - SH(ig) / ENTHALPY (BTU/lb)	22.4	2/0.1	2/0.1	2/0.1	2/0.1	2/0.1
	OA LA - T °F DB / °F WB	58/147.7	50/342.3	47/440.4	49/241.6	47/440.4	45.8/309.3
	OA LA - SH(ig) / ENTHALPY (BTU/lb)	32/19.0	27/16.3	29/15.4	27/15.9	29/15.4	25/14.9
	EX EA - T °F DB / REL HUM (%)	72/0/50	68/0/35.0	68/0/35.0	68/0/35.0	68/0/35.0	68/0/35.0
	EX EA - SH(ig) / ENTHALPY (BTU/lb)	41/23.6	35/21.8	35/21.8	35/21.8	35/21.8	35/21.8
WHEEL WINTER DATA	EA LA - T °F DB / °F WB	22/419.9	14/914.4	18/017.3	14/514.0	18/017.3	13/713.2
	EA LA - SH(ig) / ENTHALPY (BTU/lb)	11/1.1	11/5.2	12/6.2	10/5.1	12/6.2	10/4.8
	COLL MODEL ROW/FIN PER IN	5/10/00C	-	-	-	-	-
	TOTAL (MBH)	215.9	-	-	-	-	-
	EWTLWT COOLING (EWT/LWT) HEATING (F)	47/57	-	-	-	-	-
	GPM (40%/5% PROPYLENE) PD (FT WG)	47/454.3	-	-	-	-	-
	EAT DBWB / EAT DB (F)	79/67	-	-	-	-	-
	LAT DBWB / LAT DB (F)	55/355.1	-	-	-	-	-
	FACE VELOCITY/CFM	300.0	-	-	-	-	-
	SP (IN WG)	0.432	-	-	-	-	-
REHEAT HEATING DATA	COLL MODEL ROW/FIN PER IN	5/10/00B	-	-	-	-	-
	TOTAL HEATING (MBH)	78.4	-	-	-	-	-
	EWTLWT (F)	12/99.0	-	-	-	-	-
	GPM (40%/5% PROPYLENE) PD (FT WG)	5/60.4	-	-	-	-	-
	EAT DB (F)	58	-	-	-	-	-
	LAT DB (F)	70	-	-	-	-	-
	FACE VELOCITY/CFM	307.7	-	-	-	-	-
	SP (IN WG)	0.063	-	-	-	-	-
	SF HP	5.0</					