

Order Plans @ www.IDIline.com

FAN SCHEDULE

MARK	DUTY	TYPE	CFM	E.S.P. (IN WC)	MOTOR (W / hp)	DRIVE	MAX. NOISE (SONES)	CONTROL BY	BASIS OF DESIGN MODEL	REMARKS							
										1	2	3	4	5	6	7	
EF-A	EXHAUST	CEILING CABINET	70	0.5	100	DIRECT	2.0	SWITCHED WITH LIGHTS	GREENHECK SP	X	X	X					
EF-1	EXHAUST	CEILING CABINET	100	0.5	100	DIRECT	2.0	SWITCHED WITH LIGHTS	GREENHECK SP	X	X	X					
EF-2	EXHAUST	CEILING CABINET	320	0.5	240	DIRECT	4.0	SWITCHED WITH LIGHTS	GREENHECK SP	X	X	X					
EF-3	EXHAUST	CEILING CABINET	210	0.5	240	DIRECT	4.0	SWITCHED WITH LIGHTS	GREENHECK SP	X	X	X					
EF-4	EXHAUST	ROOF CENTRIFUGAL	430	0.5	1/6	DIRECT	7.3	THERMOSTAT	GREENHECK G	X	X	X	X	X	X		
EF-5	EXHAUST	UTILITY VENT SET	5000	5.5	10	BELT	54.0	VFD	GREENHECK USF	X	X	X	X	X	X	X	X
EF-6	EXHAUST	CEILING CABINET	140	0.5	150	DIRECT	3.5	SWITCHED WITH LIGHTS	GREENHECK SP	X	X	X					

NOTES (APPLY TO ALL):
 A. SEE ELECTRICAL PLANS FOR POWER CHARACTERISTICS
 B. DESIGN IS BASED ON PRODUCTS BY GREENHECK. ACCEPTABLE ALTERNATES SHALL BE BY LOREN-COOK, TWIN-CITY, PENN BARRY.

REMARKS (APPLY AS SCHEDULED):
 1. FAN SPEED CONTROLLER.
 2. FACTORY DISCONNECT SWITCH/PLUG.
 3. GRAVITY BACKDRAFT DAMPER.
 4. THERMOSTAT WITH REMOTE TEMPERATURE SENSOR.
 5. FACTORY INSULATED ROOF CURB.
 6. VARIABLE FREQUENCY DRIVE FOR EASE OF BALANCING LOCATED IN LVL 2 MESH ROOM.
 7. UPWARD DISCHARGE POSITION.

ELECTRIC WALL HEATER

MARK	CFM	WATTS	HEAT (BTU/Hr)	BASIS OF DESIGN	REMARKS					
					1	2	3	4	5	6
EW-1	100	1500	5120	QMARK AWH	X	X	X	X	X	X

REMARKS:
 1. PROVIDE WITH INTEGRAL THERMOSTAT AT UNIT TO MAINTAIN MINIMUM 45 F (ADJUSTABLE).
 2. COORDINATE ELECTRICAL CHARACTERISTICS WITH ELECTRICAL CONTRACTOR.
 3. FAN DELAY SWITCH.
 4. THERMAL CUTOFF.
 5. FACTORY DISCONNECT SWITCH.
 6. SURFACE MOUNTING KIT.

LOUVERS

SYMBOL	MODEL/ SERIES	SERVES	SIZE WxH (IN)	MIN FREE AREA (SQ FT)	CFM	MAX PRESS. DROP (IN WC)	OPERATOR	INTERLOCK	FRAME	REMARKS				
										1	2	3	4	5
WL-1	ESD-635	CRIU-1 OUTSIDE AIR	24x24	1.4	800	0.05	N/A	N/A	ALUMINUM	X	X	X		
WL-2	ESD-635	CRIU-2 OUTSIDE AIR	42x36	5.5	3,200	0.05	N/A	N/A	ALUMINUM	X	X	X		
WL-3	ESD-635	CRIU-3 OUTSIDE AIR	30x24	1.9	1,100	0.05	N/A	N/A	ALUMINUM	X	X	X		

NOTES (APPLY TO ALL):
 A. FINAL COLOR SELECTION SHALL BE MADE BY ARCHITECT AT TIME OF SHOP DRAWING APPROVAL. PROVIDE COLOR/FINISH CHARTS AS PART OF SUBMITTAL.
 B. DESIGN IS BASED ON PRODUCTS BY GREENHECK. ACCEPTABLE ALTERNATES SHALL BE BY UNITED ENERTECH, ARROW, RUSKIN.

REMARKS (APPLY AS SCHEDULED):
 1. BIRD SCREEN
 2. BAKED ON ENAMEL FINISH
 3. GRAVITY BACKDRAFT DAMPER.

ELECTRIC DUCT HEATER

MARK	SERVES	CFM	BASIS OF DESIGN			NOTES						
			STAGES	KW (@ 208v / 3 ph)	HEAT (MBH)	MODEL	1	2	3	4	5	6
EDH-1	CRIU-1	4,900	6	30.0	100	INDEECO MODEL 'OU'	X	X	X	X	X	X
EDH-2	CRIU-2	3,300	13	65.0	1.8	INDEECO MODEL 'OU'	X	X	X	X	X	X
EDH-3	CRIU-3	1,100	4	20.0	6	INDEECO MODEL 'OU'	X	X	X	X	X	X

NOTES:
 1. HEATER SHALL BE CONTROLLED BY THERMOSTAT IN SPACE.
 2. COORDINATE ELECTRICAL CHARACTERISTICS WITH ELECTRICAL CONTRACTOR.
 3. DIFFERENTIAL PRESSURE AIRFLOW SWITCH.
 4. FACTORY DISCONNECT SWITCH WITH THERMAL INTERLOCK.
 5. AUTOMATIC AND MANUAL RESET THERMAL CUTOFFS.
 6. CONTROL CIRCUIT TRANSFORMER.

AIR BALANCE SCHEDULE

MARK	SERVICE	EXHAUST (CFM)	OUTSIDE AIR (CFM)	PRESSURE (CFM)	PRESSURE (%)
FCU-1	LOADING DOCK		0		
FCU-2	LOBBY		290		
FCU-3	VERIFICATION		265		
FCU-4	PREP-STERILE		115		
CRIU-1	CLEAN ROOMS		800		
CRIU-2	CLEAN ROOMS		3200		
CRIU-3	CLEAN ROOMS		1100		
EF-1	BATHROOM	100			
EF-2	BATHROOM	320			
EF-3	BATHROOM	210			
EF-4	DUMBWAITER SHAFT	430			
EF-5	CLEAN ROOMS	5,000			
LVL 1 ZONE TOTALS		6,060	5,770	-290	-5%
EF-A	BATHROOM	210			
EF-6	BATHROOM	140			
MFCU-1	BREAKROOM		165		
MFCU-2	CONFERENCE		150		
MFCU-3	CALL CENTER		155		
MFCU-4	LOUNGE		85		
MFCU-5	EXTERIOR OFFICES		70		
MFCU-6	INTERIOR OFFICES		165		
LVL 2 ZONE TOTALS		350	790	440	126%
BUILDING TOTALS		6,410	6,560	150	2%



CROSSFIELDS
 CHIROPRACTIC OFFICE DESIGN

3245 Brannan Parkway East
 Suite 3015
 Duluth, GA 30096
 Phone: 770.254.9200
 Web: www.ChiropracticOfficeDesign.com



THIS DRAWING IS THE PROPERTY OF CROSSFIELDS, INC. AND ANY REPRODUCTION OR COPYING OF THIS DRAWING, IN WHOLE OR PART IS PROHIBITED WITHOUT WRITTEN PERMISSION.

INNOVATION
 COMPOUNDING
 DR. SHAWN HODGES
 6095 PINE MOUNTAIN RD., SUITE 104
 KENNESAW, GA 30152

REVISIONS:

NO.	DATE	DESCRIPTION
1	10.11.19	REVISION 1

DRAWN BY: AS
 CHECKED BY: PK
 DATE: 09.24.19
 PROJECT NUMBER: 17125-IC
 SHEET NO: MO.5

ISSUED FOR PERMITTING