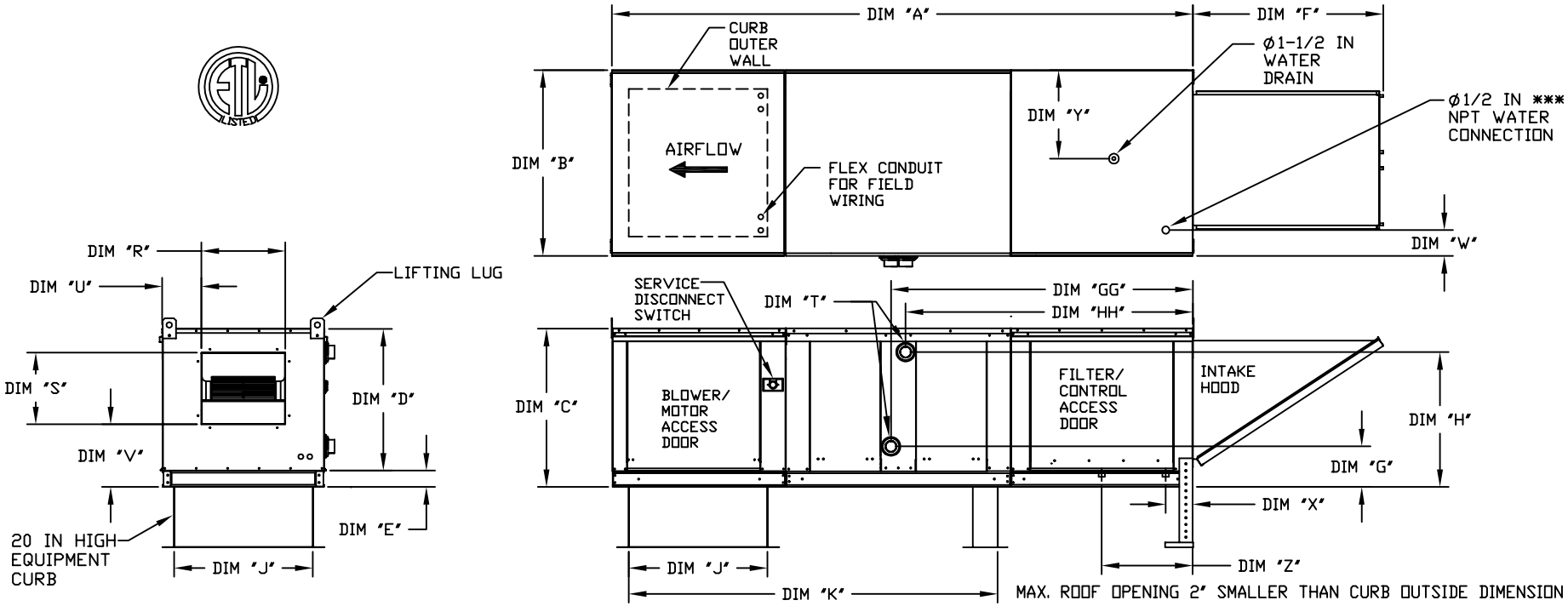
MODULAR OUTDOOR SIDE DISCHARGE BLOWER WITH HEATING COIL, EVAPORATIVE COOLER AND INTAKE HOOD

IHECHCSAH
REV.#4 12/1/2016



ALL DIMENSIONS ARE NOMINAL AND GIVEN IN INCHES.

	UNIT DIMENSIONS								BELT DRIVE DISCHARGE OPENING				DIRECT DRIVE DISCHARGE OPENING				WATER INLET		DRAIN OPENING		UNIT INFORMATION	
UNIT SIZE	A	B	C	D	E	F	J	K	R	S	U	V	R	S	U	V	W	X	Y	Z	FILTER SIZE & QTY	MAX. FILTER VELOCIT
1	106-5/8	27-3/8	29-3/4	26-1/16	3-3/4	44-3/8	21	71	13 1/4	11-1/2	6-3/8	11-7/8	17-1/4	15-1/2	4-3/8	8-15/16	4-1/2	6-1/4	13	16	16"x20"x2" (3)	@3500 CFM = 667 FPM
2**	114-5/8	37-3/8	36-3/4	33-1/16	3-3/4	53-5/8	31	79	15-3/4	13-9/16	10-1/8	13-1/16	N/A	N/A	N/A	N/A	4-1/2	6-1/4	18	16	20"x25"x2" (3)	@5000 CFM = 580 FPM
2	114-5/8	37-3/8	36-3/4	33-1/16	3-3/4	53-5/8	31	79	18-3/4	16	8-5/8	14-1/16	24-3/4	22	5-5/8	10-15/16	4-1/2	6-1/4	18	16	20"x25"x2" (3)	@6000 CFM = 696 FPM
3	125-5/8	41-3/8	43-3/8	38-1/16	5-1/4	51-5/8	35	84	22	19	9	17-7/8	28	25	6-1/16	14-15/16	4-1/2	5-3/4	20	19	16"x20"x2" (6)	@8000 CFM = 762 FPM
4	153-7/8	48-7/16	51-3/8	46-1/8	5-1/4	76-3/8	42	115-3/16	24-7/8	24-7/8	11-1/16	19-1/8	30	30	8-9/16	16-5/8	4-1/2	5-3/4	23-1/2	17-1/2	16"x20"x2" (10)	@15000 CFM = 857 FPM
5	163-7/8	59-3/16	58-3/8	53-1/8	5-1/4	71-3/8	52-3/4	125-3/16	31-3/8	31-3/8	13-3/16	21-9/16	35-3/8	35-3/8	11-1/4	19-10/16	4-1/2	5-3/4	28-7/8	17-1/2	20"x25"x2" (8)	@22000 CFM = 957 FPM

HOT WATER MODULE

	TOTAL CAPACITY	PIPE CONNECTION				
UNIT SIZE	(MBH)	"T" (MPT)	G	GG	H	HH
1	165.63	2	8-1/4	52-7/16	24-3/4	49-11/16
2**	320.88	2	8-1/4	52-7/16	28-3/4	49-11/16
2	320.88	2	8-1/4	52-7/16	28-3/4	49-11/16
3	514.97	1-1/2	9-1/2	58-3/16	38	55-15/16
4	831.87	2-1/2	10	61-11/16	45-1/2	58-11/16
5	1230.16	3	10-1/4	61-5/16	52-1/4	58-7/16

STEAM COIL MODULE

	TOTAL CAPACITY	PIPE CONNECTION	STEAM				
UNIT SIZE	(MBH)	"T" (MPT)	PSI	G	GG	H	HH
1	176.49	2-1/2	5	8-3/4	51-1/16	16-15/16	51-1/16
2**	328.19	2-1/2	5	8-3/4	51-1/16	18-3/8	51-1/16
2	328.19	2-1/2	5	8-3/4	51-1/16	18-3/8	51-1/16
3	505.64	2-1/2	5	10-1/4	57-1/16	23-5/8	57-1/16
4	812.24	2-1/2	5	10-1/4	60-7/32	28-5/8	60-7/32
5	1234.45	2-1/2	5	10-1/4	60-7/32	31-3/4	60-7/32

STANDARD EVAPORATIVE COOLING UNIT W/

	UNIT SIZE	TOT. WEIGHT		TOT. WEIGHT	MEDIA SIZE & QTY	VEL. @ MAX. CFM	NOZZLES	MAX. FLOW RATE
HOT WATER COIL MODULE	1	540 LBS	STEAM COIL MODULE	540 LBS	20"x25"x2" (3)	406 FPM	6	3 GPH
	2**	815 LBS		815 LBS	16"x20"x2" (8)	358 FPM	10	5 GPH
	2	825 LBS		825 LBS	16"x20"x2" (8)	429 FPM	10	5 GPH
	3	1025 LBS		1020 LBS	20"x25"x2" (8)	348 FPM	14	7 GPH
	4	1710 LBS		1685 LBS	16"x20"x2" (15)	572 FPM	24	12 GPH
	5	2260 LBS		2255 LBS	20"x25"x2" (12)	638 FPM	30	15 GPH

CELDEK EVAPORATIVE COOLING UNIT W/

	UNIT SIZE	TOT. WEIGHT		TOT. WEIGHT	MEDIA SIZE & QTY	VEL. @ MAX. CFM	NOZZLES	MAX. FLOW RATE
HOT WATER COIL MODULE	1	545 LBS	STEAM COIL MODULE	545 LBS	20"x24"x12"	1050 FPM	12	3.9 GPH
	2**	810 LBS		810 LBS	25"x32"x12"	900 FPM	20	6.5 GPH
	2	820 LBS		820 LBS	25"x32"x12"	1080 FPM	20	6.5 GPH
	3	1015 LBS		1010 LBS	30"x36"x12"	1067 FPM	28	8.4 GPH
	4	1680 LBS		1655 LBS	38"x43"x12"	1322 FPM	35	10.15 GPH
	5	2220 LBS		2215 LBS	45"x54"x12"	1304 FPM	42	12.6 GPH

** DIMENSIONS APPLY TO UNITS WITH G12 BLOWERS ONLY

*** MAX. EVAP. WATER PRESSURE = 50 PSI @ 70 DEG. F