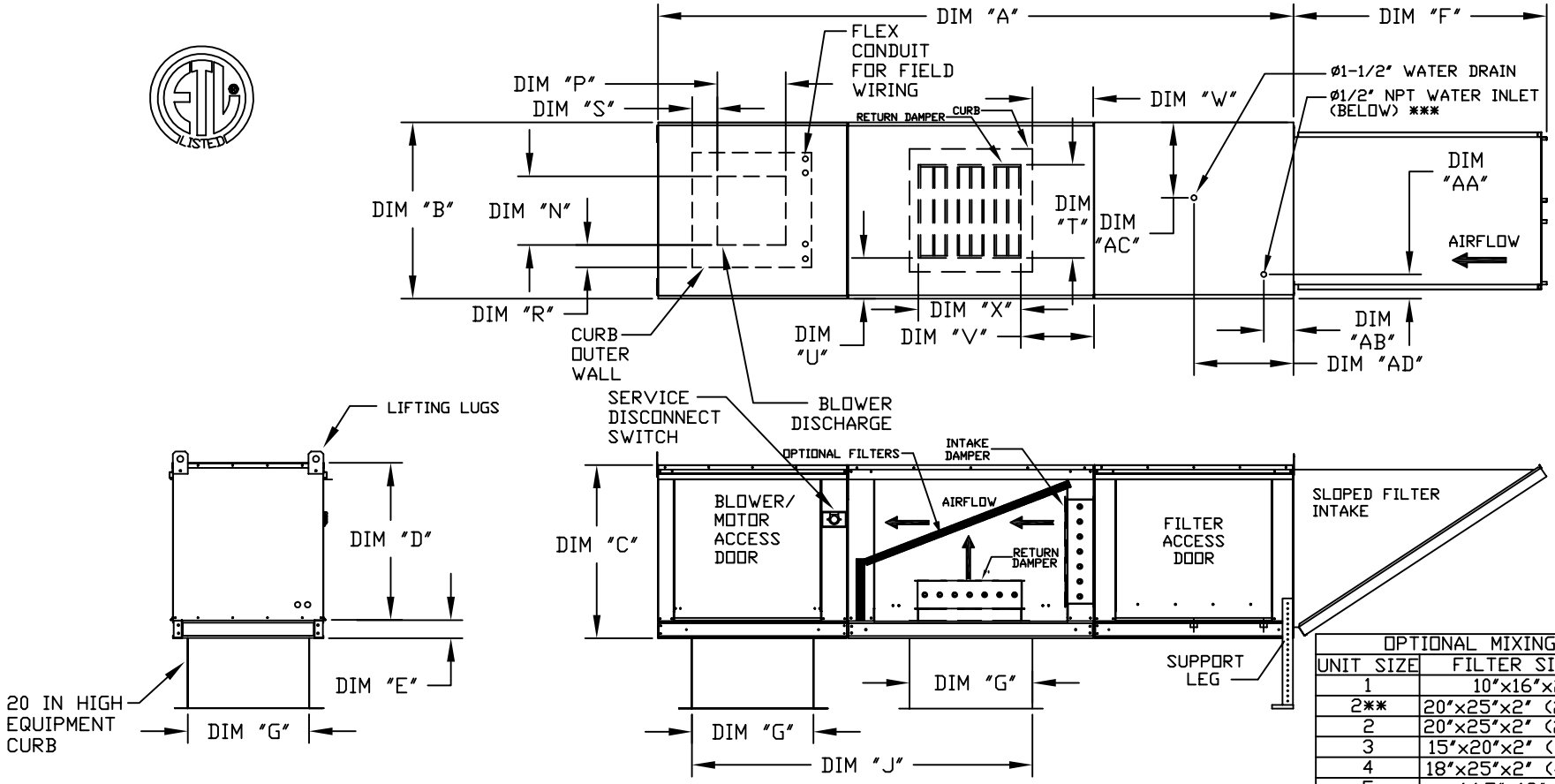
MODULAR OUTDOOR DOWN DISCHARGE BLOWER WITH EVAPORATIVE COOLER, MIXING BOX AND INTAKE HOOD

IHECMBDAH
REV.#1 12/1/20



OPTIONAL MIXING BOX FILTERS	
UNIT SIZE	FILTER SIZE & QTY
1	10"x16"x2" (5)
2**	20"x25"x2" (2), 16"x25"x2" (1)
2	20"x25"x2" (2), 16"x25"x2" (1)
3	15"x20"x2" (4), 15"x15"x2" (2)
4	18"x25"x2" (4), 16"x20"x2" (2)
5	14.5"x19"x2" (12)

ALL DIMENSIONS ARE NOMINAL AND GIVEN IN INCHES.

	UNIT DIMENSIONS								DISCHARGE OPENING				RETURN DAMPER OPENING					WATER INLET	DRAIN OPENING		
UNIT SIZE	A	B	C	D	E	F	G	J	N	P	R	S	T	U	V	X	W	AA	AB	AC	AD
1	106-5/8	27-3/8	29-3/4	26-1/16	3-3/4	44-3/8	21	56-3/8	13-1/4	11-1/2	3-7/8	1-3/4	14	8	14	18	12-1/2	4-1/2	6-1/4	13	16
2**	114-5/8	37-3/8	36-3/4	33-1/16	3-3/4	53-5/8	31	70-5/16	15-3/4	13-9/16	7-5/8	7-15/16	22-3/4	8	11	24	7-1/2	4-1/2	6-1/4	18	16
2	114-5/8	37-3/8	36-3/4	33-1/16	3-3/4	53-5/8	31	70-3/8	18-3/4	16	6-1/8	5-1/2	22-3/4	8	11	24	7-1/2	4-1/2	6-1/4	18	16
3	125-5/8	41-3/8	43-3/8	38-1/16	5-1/4	51-5/8	35	77-7/8	22	19	6-1/2	7	28	8	7	30	4-1/2	4-1/2	5-3/4	20	19
4	153-7/8	48-7/16	51-3/8	46-1/8	5-1/4	76-3/8	42	99-3/8	24-7/8	24-7/8	8-9/16	1-1/8	33	10	11	36	8	4-1/2	5-3/4	23-1/2	17-1/2
5	163-7/8	59-3/16	58-3/8	53-1/8	5-1/4	71-3/8	52-3/4	116-9/16	31-3/8	31-3/8	10-11/16	3-13/16	43	10	6-1/2	43	1-1/4	4-1/2	5-3/4	28-7/8	17-1/2

UNIT INFORMATION

			STANDARD EVAPORATIVE COOLING UNIT					CELDEK EVAPORATIVE COOLING UNIT				
UNIT SIZE	FILTER SIZE & QTY	MAX. FILTER VELOCITY	TOT. WEIGHT	MEDIA SIZE & QTY	VEL. @ MAX. CFM	NOZZLES	MAX. FLOW RATE	TOT. WEIGHT	MEDIA SIZE & QTY	VEL. @ MAX. CFM	NOZZLES	MAX. FLOW RATE
1	16"x20"x2" (3)	@3500 CFM = 667 FPM	535 LBS	20"x25"x2" (3)	406 FPM	6	3 GPH	540 LBS	20"x24"x12"	1050 FPM	12	3.9 GPH
2**	20"x25"x2" (3)	@5000 CFM = 580 FPM	810 LBS	16"x20"x2" (8)	358 FPM	10	5 GPH	805 LBS	25"x32"x12"	900 FPM	20	6.5 GPH
2	20"x25"x2" (3)	@6000 CFM = 696 FPM	820 LBS	16"x20"x2" (8)	429 FPM	10	5 GPH	815 LBS	25"x32"x12"	1080 FPM	20	6.5 GPH
3	16"x20"x2" (6)	@8000 CFM = 762 FPM	1045 LBS	20"x25"x2" (8)	348 FPM	14	7 GPH	1035 LBS	30"x36"x12"	1067 FPM	28	8.4 GPH
4	16"x20"x2" (10)	@15000 CFM = 857 FPM	1750 LBS	16"x20"x2" (15)	572 FPM	24	12 GPH	1720 LBS	38"x43"x12"	1322 FPM	35	10.15 GPH
5	20"x25"x2" (8)	@22000 CFM = 957 FPM	2310 LBS	20"x25"x2" (12)	638 FPM	30	15 GPH	2270 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
MAX ROOF OPENING 2" SMALLER THEN CURB OUTSIDE DIMENSION