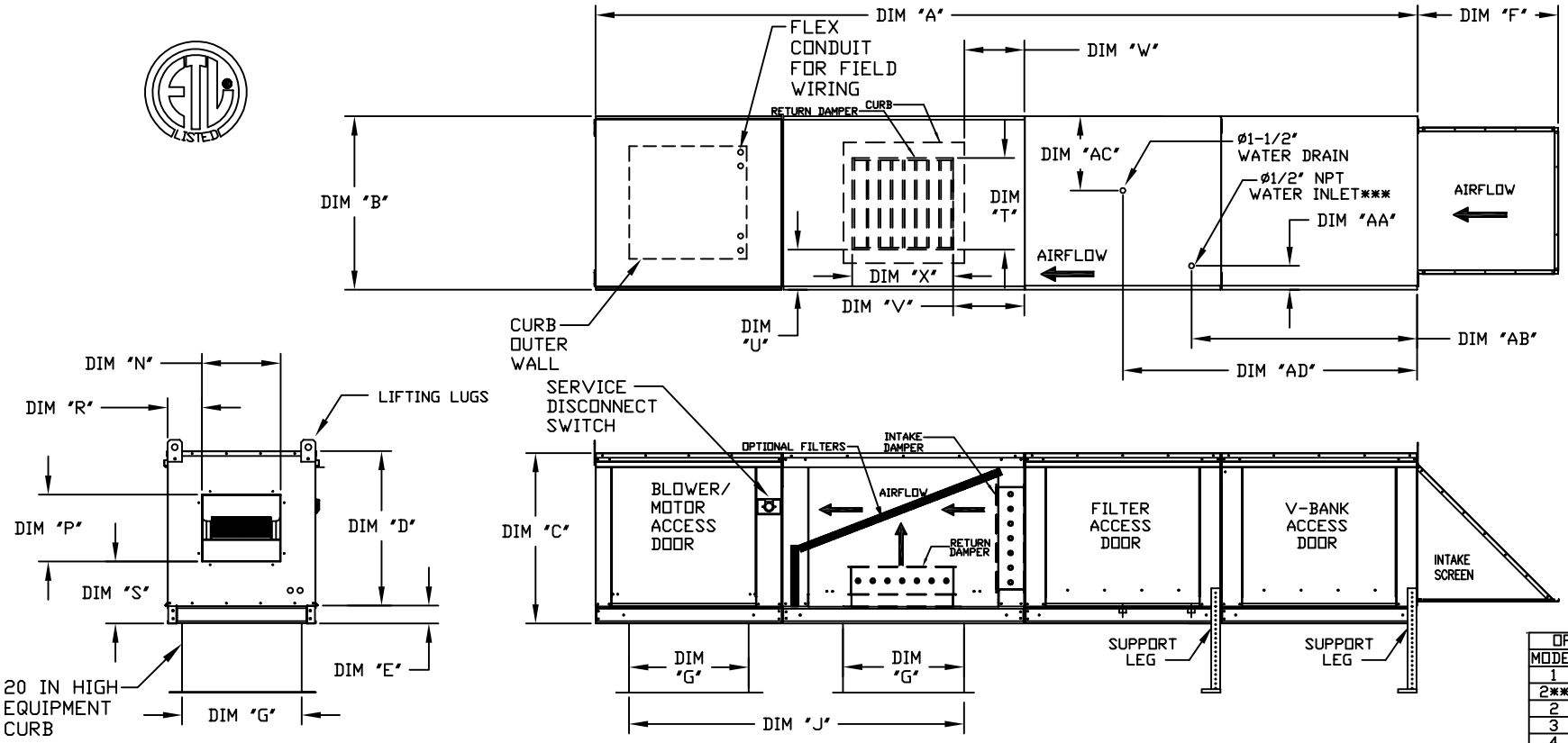
MODULAR OUTDOOR SIDE DISCHARGE BLOWER WITH V-BANK, EVAPORATIVE COOLER, MIXING BOX AND SCREEN INTAKE

SIVBECMBSAH
REV.#1 12/01/2016



OPTIONAL MIXING BOX FILTERS	
MODEL	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								BELT DRIVE DISCHARGE OPENING				DIRECT DRIVE DISCHARGE OPENING				RETURN DAMPER OPENING					WATER INLET		DRAIN OPENING		V-BANK FILTER
UNIT SIZE	A	B	C	D	E	F	G	J	N	P	R	S	N	P	R	S	T	U	V	W	X	AA	AB	AC	AD	FILTER SIZE & QT
1	138-7/8	27-3/8	29-3/4	26-1/16	3-3/4	22-3/8	21	56-3/8	13-1/4	11-1/2	6-3/8	11-7/8	17-1/4	15-1/2	4-3/8	8-15/16	14	8	14	12-1/2	18	4-1/2	38-1/2	13	48-1/4	20"x25"x2" (3)
2**	146-7/8	37-3/8	36-3/4	33-1/16	3-3/4	30-5/16	31	70-5/16	15-3/4	13-9/16	10-1/8	13-1/16	N/A	N/A	N/A	N/A	22-3/4	8	11	7-1/2	24	4-1/2	38-1/2	18	48-1/4	16"x20"x2" (8)
2	146-7/8	37-3/8	36-3/4	33-1/16	3-3/4	30-5/16	31	70-3/8	18-3/4	16	8-5/8	14-1/16	24-3/4	22	5-5/8	10-15/16	22-3/4	8	11	7-1/2	24	4-1/2	38-1/2	18	48-1/4	16"x20"x2" (8)
3	163-7/8	41-3/8	43-3/8	38-1/16	5-1/4	34-3/16	35	77-7/8	22	19	9	17-7/8	28	25	6-1/16	14-15/16	28	8	7	4-1/2	30	4-1/2	44	20	57-1/4	20"x25"x2" (8)
4	189-1/4	48-7/16	51-3/8	46-1/8	5-1/4	47-1/4	42	99-3/8	24-7/8	24-7/8	11-1/16	19-1/8	30	30	8-9/16	16-5/8	33	10	11	8	36	4-1/2	41-1/8	23-1/2	52-7/8	16"x20"x2" (15)
5	199-1/4	59-3/16	58-3/8	53-1/8	5-1/4	49-1/2	52-3/4	116-9/16	31-3/8	31-3/8	13-3/16	21-9/16	35-3/8	35-3/8	11-1/4	19-10/16	43	10	6-1/2	1-1/4	43	4-1/2	41-1/8	28-7/8	52-7/8	20"x25"x2" (12)

UNIT INFORMATION

UNIT SIZE	FILTER SIZE & QTY	MAX. FILTER VELOCITY	STANDARD EVAPORATIVE COOLING UNIT					CELDEK EVAPORATIVE COOLING UNIT				
			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	610 LBS	20"x25"x2" (3)	406 FPM	6	3 GPH	615 LBS	20"x24"x12"	1050 FPM	12	3.9 GPH
2**	20"x25"x2" (3)	@5000 CFM = 580 FPM	915 LBS	16"x20"x2" (8)	358 FPM	10	5 GPH	910 LBS	25"x32"x12"	900 FPM	20	6.5 GPH
2	20"x25"x2" (3)	@6000 CFM = 696 FPM	925 LBS	16"x20"x2" (8)	429 FPM	10	5 GPH	920 LBS	25"x32"x12"	1080 FPM	20	6.5 GPH
3	16"x20"x2" (6)	@8000 CFM = 762 FPM	1170 LBS	20"x25"x2" (8)	348 FPM	14	7 GPH	1160 LBS	30"x36"x12"	1067 FPM	28	8.4 GPH
4	16"x20"x2" (10)	@15000 CFM = 857 FPM	1875 LBS	16"x20"x2" (15)	572 FPM	24	12 GPH	1845 LBS	38"x43"x12"	1322 FPM	35	10.15 GPH
5	20"x25"x2" (8)	@22000 CFM = 957 FPM	2515 LBS	20"x25"x2" (12)	638 FPM	30	15 GPH	2475 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. DOOR OPENING 2" SMALLER THAN CURB OUTSIDE DIMENSION