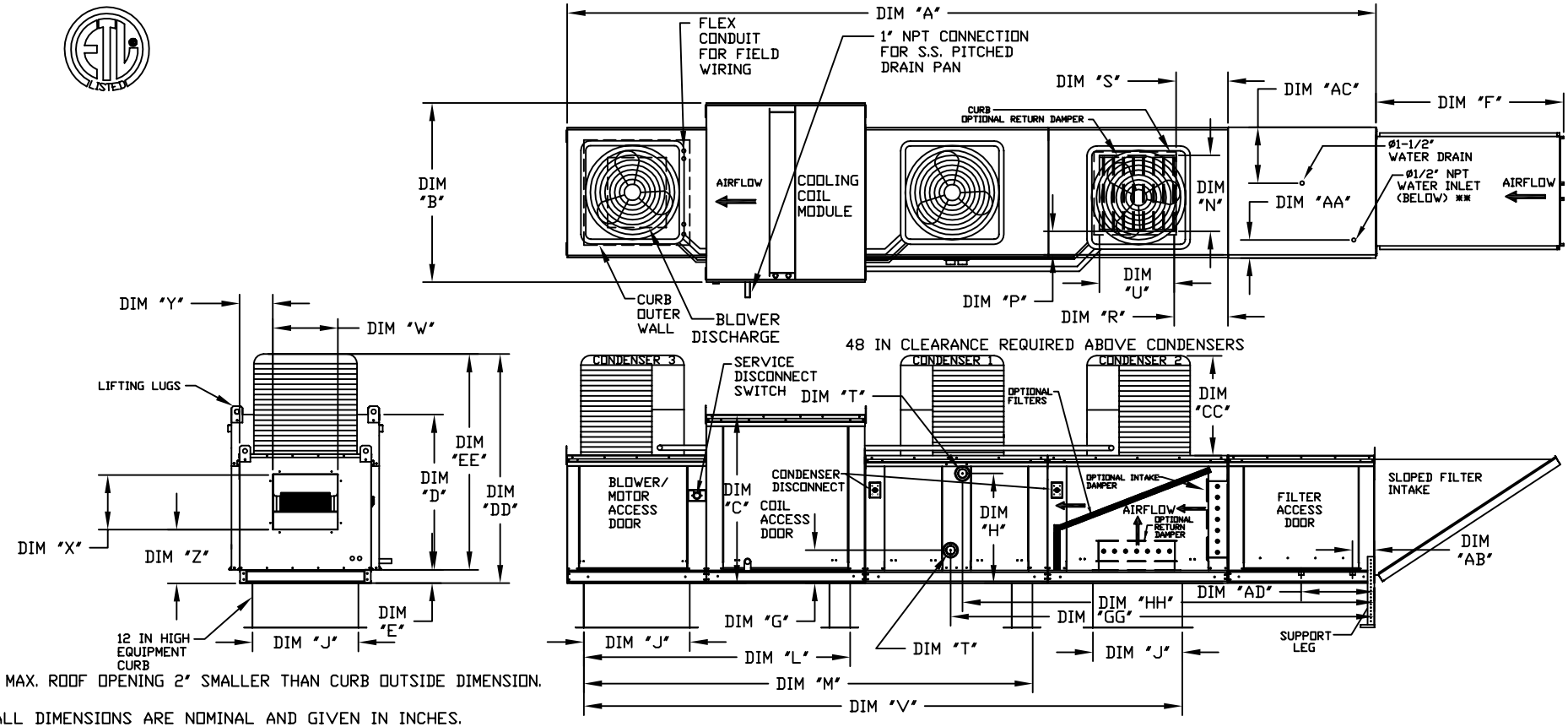
OUTDOOR SIDE DISCHARGE MOD PACKAGE UNIT, HEATING COIL, EVAPORATIVE COOLER INTAKE, INTAKE HOOD AND OPTIONAL MIXING BOX

IHECMBHCCCSAH-MPU-15
REV.#3 01/13/2017



MAX. ROOF OPENING 2" SMALLER THAN CURB OUTSIDE DIMENSION.

ALL DIMENSIONS ARE NOMINAL AND GIVEN IN INCHES.

UNIT DIMENSIONS																BELT DRIVE DISCHARGE OPENING				DIRECT DRIVE DISCHARGE OPENING				WATER INLET		DRAIN OPENING		
UNIT SIZE	A	B	C	D	E	F	J	L	M	N	P	R	S	U	V	W	X	Y	Z	W	X	Y	Z	AA	AB	AC	AD	FILTER SIZE & QTY	MAX. FILTER VELOCITY
3	210-1/8	54-3/8	56-3/8	51-1/8	5-1/4	51-5/8	35	79-3/16	121-5/16	28	8	7	4-1/2	30	162-3/8	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	262-1/2	60-7/16	64-3/8	59-1/8	5-1/4	76-3/8	42	104-9/32	158-15/32	33	10	11	8	36	208	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

HOT WATER MODULE							
	TOTAL CAPACITY	PIPE CONNECTION					
UNIT SIZE	(MBH)	"T" (MPT)	G	GG	H	HH	
3	514.97	1-1/2	9-1/2	102-11/16	38	100-7/16	
4	831.87	2-1/2	10	118-1/4	45-1/2	114-5/8	

STEAM COIL MODULE							
	TOTAL CAPACITY	PIPE CONNECTION	STEAM				
UNIT SIZE	(MBH)	"T" (MPT)	PSI	G	GG	H	HH
3	505.64	2-1/2	5	10-1/4	101-9/16	23-5/8	101-9/16
4	812.24	2-1/2	5	10-1/4	116-13/16	28-5/8	116-13/16

TONNAGE RANGE	
MIN	MAX
15 Ton	15 Ton
15 Ton	15 Ton

STANDARD EVAPORATIVE COOLING UNIT W/								
HOT WATER COIL MODULE	UNIT SIZE	TOT. WEIGHT	STEAM COIL MODULE	TOT. WEIGHT	MEDIA SIZE & QTY	VEL. @ MAX. CFM	NOZZLES	MAX. FLOW RATE
	3	1810 LBS		1805 LBS	20"x25"x2" (8)	348 FPM	14	7 GPH
	4	2965 LBS		2940 LBS	16"x20"x2" (15)	572 FPM	24	12 GPH

CELDEK EVAPORATIVE COOLING UNIT W/								
HOT WATER COIL MODULE	UNIT SIZE	TOT. WEIGHT	STEAM COIL MODULE	TOT. WEIGHT	MEDIA SIZE & QTY	VEL. @ MAX. CFM	NOZZLES	MAX. FLOW RATE
	3	1800 LBS		1795 LBS	30"x36"x12"	1067 FPM	28	8.4 GPH
	4	2935 LBS		2910 LBS	38"x43"x12"	1322 FPM	35	10.15 GPH

OPTIONAL MIXING BOX FILTERS
FILTER SIZE & QTY
15"x20"x2" (4), 15"x15"x2" (2)
18"x25"x2" (4), 16"x20"x2" (2)

* ADD CONDENSING UNIT WEIGHT TO WEIGHTS IN TABLES ABOVE

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

CONDENSER INFORMATION							
MODEL	WEIGHT*	TONNAGE			CC	DD	EE
		#1	#2	#3			
15 TON-3	591 LBS	5 TON	5 TON	5 TON	32-13/16	76-3/16	70-7/8
15 TON-4	591 LBS	5 TON	5 TON	5 TON	32-13/16	97-3/16	91-15/16

Y410A REFRIGERANT