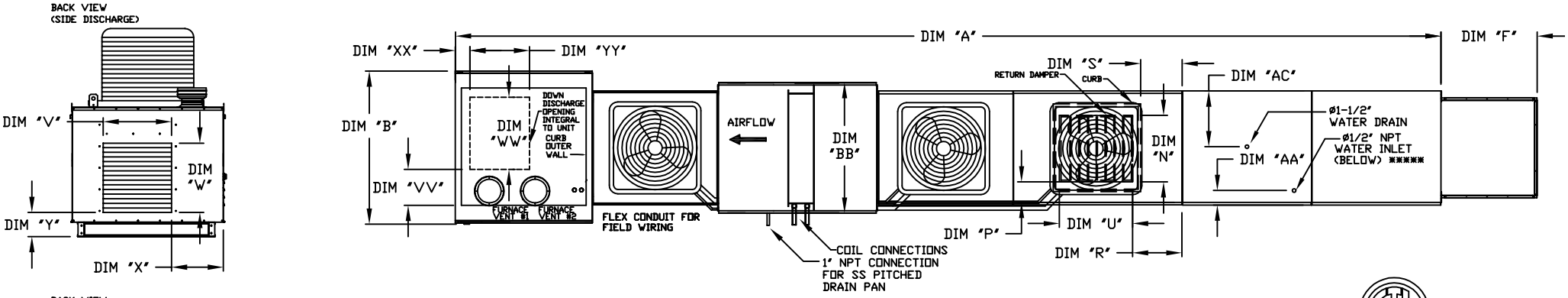
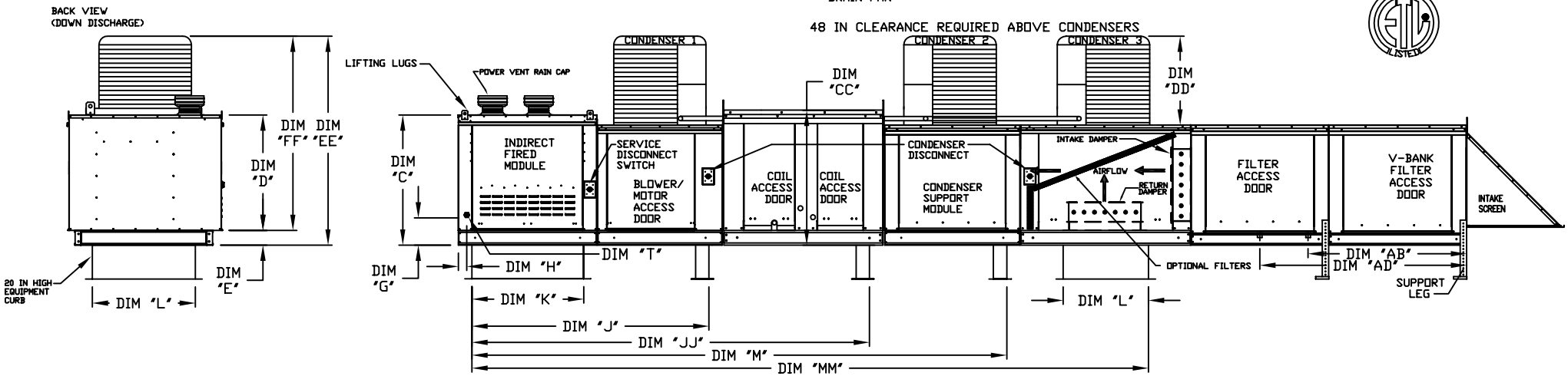
MODULAR OUTDOOR IBT HEATER WITH COOLING COIL, MIXING BOX, EVAPORATIVE COOLER INTAKE, V-BANK AND SCREEN INTAKE

SIVBECMBCCSAHIBT-MPU-15
REV.#3 06/15/2015





MAX. ROOF OPENING 2" SMALLER THAN CURB OUTSIDE DIMENSION

ALL DIMENSIONS ARE NOMINAL AND GIVEN IN INCHES.

MODEL	UNIT DIMENSIONS															MIXING BOX OPENING					SIDE DISCHARGE OPENING					DOWN DISCHARGE OPENING				GAS CONNECTION	# OF FURNACES	WATER INLET		DRAIN OPENING	
	A	B	BB	C	CC	D	E	F	G	H	J	K	L	JJ	M	MM	N	P	R	S	U	V	W	X	Y	VV	WW	XX	YY	"T" (NPT)		AA	AB	AC	AD
3-IBT.400-G18	308-1/2	57-3/4	54-3/8	57-1/16	56-3/8	51-13/16	5-1/4	34-3/16	10-3/4	2-11/16	102-3/16	84	35	144-7/16	186-11/16	225-13/16	28	8	7	4-1/2	30	27-1/2	31	18-1/2	8-3/4	6-3/4	26-1/2	4-1/8	26-1/2	1	1	4-1/2	44	20	57-1/4
3-IBT.600-300-300-G18	308-1/2	57-3/4	54-3/8	57-1/16	56-3/8	51-13/16	5-1/4	34-3/16	10-3/4	2-11/16	102-3/16	84	35	144-7/16	186-11/16	225-13/16	28	8	7	4-1/2	30	27-1/2	31	18-1/2	8-3/4	6-3/4	26-1/2	4-1/8	26-1/2	1	2	4-1/2	44	20	57-1/4
3-IBT.800-400-400-G18	308-1/2	57-3/4	54-3/8	57-1/16	56-3/8	51-13/16	5-1/4	34-3/16	10-3/4	2-11/16	102-3/16	84	35	144-7/16	186-11/16	225-13/16	28	8	7	4-1/2	30	27-1/2	31	18-1/2	8-3/4	6-3/4	26-1/2	4-1/8	26-1/2	1	2	4-1/2	44	20	57-1/4
4-IBT.400-920	358	57-3/4	60-7/16	57-1/16	64-3/8	51-13/16	5-1/4	47-1/4	10-3/4	2-11/16	121-1/4	42	42	175-9/16	229-7/8	277-9/16	33	10	11	8	36	28-1/2	34	18-1/2	8-3/4	8-1/2	26-1/2	4-1/8	26-1/2	1	1	4-1/2	41-1/8	23-1/2	52-7/8
4-IBT.800-400-400-920	358	57-3/4	60-7/16	57-1/16	64-3/8	51-13/16	5-1/4	47-1/4	10-3/4	2-11/16	121-1/4	42	42	175-9/16	229-7/8	277-9/16	33	10	11	8	36	28-1/2	34	18-1/2	8-3/4	8-1/2	26-1/2	4-1/8	26-1/2	1	2	4-1/2	41-1/8	23-1/2	52-7/8

UNIT INFORMATION

MODEL	BTU RANGE (MBH)**			TURNDOWN RATIO	COMBUSTION EFFICIENCY***	GAS PRESSURE****		STANDARD EVAPORATIVE COOLING UNIT					CELDEK EVAPORATIVE COOLING UNIT					V-BANK INFORMATION
	BURNER INPUT	BTU LOW	BTU HIGH			MIN	MAX	TOT. WEIGHT	MEDIA SIZE & QTY	VEL. @ MAX. CFM	NOZZLES	MAX. FLOW RATE	TOT. WEIGHT	MEDIA SIZE & QTY	VEL. @ MAX. CFM	NOZZLES	MAX. FLOW RATE	FILTER SIZE & QTY
3-IBT.400-G18	400	53.3	320	6	80.0%	7" WC	14" WC	2702 LBS	20"x25"x2" (8)	348 FPM	14	7 GPH	2692 LBS	30"x36"x12"	1067 FPM	28	8.4 GPH	20"x25"x2" (8)
3-IBT.600-300-300-G18	600	40	480	12	80.0%	7" WC	14" WC	2820 LBS	20"x25"x2" (8)	348 FPM	14	7 GPH	2810 LBS	30"x36"x12"	1067 FPM	28	8.4 GPH	20"x25"x2" (8)
3-IBT.800-400-400-G18	800	53.3	640	12	80.0%	7" WC	14" WC	2958 LBS	20"x25"x2" (8)	348 FPM	14	7 GPH	2948 LBS	30"x36"x12"	1067 FPM	28	8.4 GPH	20"x25"x2" (8)
4-IBT.400-920	400	53.3	320	6	80.0%	7" WC	14" WC	3834 LBS	16"x20"x2" (15)	572 FPM	24	12 GPH	3804 LBS	38"x43"x12"	1322 FPM	35	10.15 GPH	16"x20"x2" (15)
4-IBT.800-400-400-920	800	53.3	640	12	80.0%	7" WC	14" WC	4717 LBS	16"x20"x2" (15)	572 FPM	24	12 GPH	4687 LBS	38"x43"x12"	1322 FPM	35	10.15 GPH	16"x20"x2" (15)

: ADD CONDENSING UNIT WEIGHT
O WEIGHT IN TABLE ABOVE

** ALL MODELS ARE FULLY
ELECTRONICALLY MODULATING

*** COMBUSTION EFFICIENCY
IF EVERY UNIT IS 80.0% OVER
HE ENTIRE GAS FIRING RANGE.

**** GAS PRESSURES IN TABLE ARE
OR NATURAL GAS, LP MINIMUM GAS
NLET PRESSURE = 11" W.C.

***** MAX. EVAP WATER PRESSURE

CONDENSER INFORMATION							
MODEL	WEIGHT*	TONNAGE #1	TONNAGE #2	TONNAGE #3	CC	DD	EE
15 TON-G18	591 LBS	5 TON	5 TON	5 TON	32-13/16	76-3/16	70-7/8
15 TON-920	591 LBS	5 TON	5 TON	5 TON	32-13/16	97-3/16	91-15/16

R410A REFRIGERANT

OPTIONAL MIXING BOX FILTERS	
MODEL	FILTER SIZE & QTY
G18	15"x20"x2" (4), 15"x15"x2" (2)
920	18"x25"x2" (4), 16"x20"x2" (2)