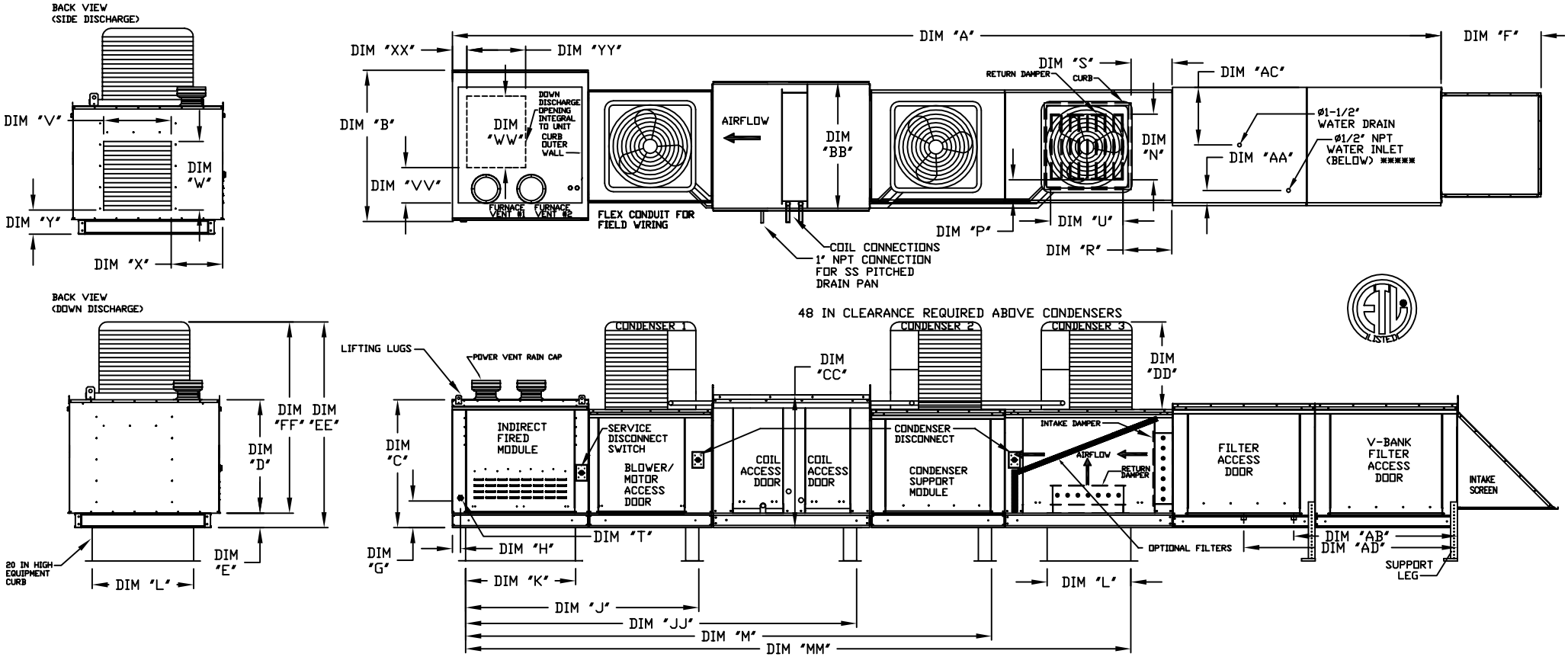
MODULAR OUTDOOR IBT HEATER WITH COOLING COIL, MIXING BOX, LPD EVAPORATIVE COOLER INTAKE, V-BANK AND SCREEN INTAKE

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



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	302-3/4	57-3/4	54-3/8	57-1/16	56-3/8	51-13/16	5-1/4	47-1/4	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	41-1/8	23-1/2	52-7/8
3-IBT.600-300-300-G18	302-3/4	57-3/4	54-3/8	57-1/16	56-3/8	51-13/16	5-1/4	47-1/4	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	41-1/8	23-1/2	52-7/8
3-IBT.800-400-400-G18	302-3/4	57-3/4	54-3/8	57-1/16	56-3/8	51-13/16	5-1/4	47-1/4	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	41-1/8	23-1/2	52-7/8
4-IBT.400-920	358	57-3/4	60-7/16	57-1/16	64-3/8	51-13/16	5-1/4	49-5/8	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	28-7/8	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	49-5/8	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	28-7/8	52-7/8

UNIT INFORMATION

MODEL	BTU RANGE (MBH)**			TURNDOWN RATIO	COMBUSTION EFFICIENCY***	GAS PRESSURE****	
	BURNER INPUT	BTU LOW	BTU HIGH			MIN	MAX
3-IBT.400-G18	400	53.3	320	6	80.0%	7" WC	14" WC
3-IBT.600-300-300-G18	600	40	480	12	80.0%	7" WC	14" WC
3-IBT.800-400-400-G18	800	53.3	640	12	80.0%	7" WC	14" WC
4-IBT.400-920	400	53.3	320	6	80.0%	7" WC	14" WC
4-IBT.800-400-400-920	800	53.3	640	12	80.0%	7" WC	14" WC

CELDEK EVAPORATIVE COOLING UNIT			
TOT. WEIGHT	MEDIA SIZE & QTY	NOZZLES	MAX. FLOW RATE
3077 LBS	38"x43"x12"	35	10.15 GPH
3195 LBS	38"x43"x12"	35	10.15 GPH
3333 LBS	38"x43"x12"	35	10.15 GPH
4064 LBS	45"x54"x12"	42	12.6 GPH
4947 LBS	45"x54"x12"	42	12.6 GPH

V-BANK INFORMATION
FILTER SIZE & QTY
16"x20"x2" (15)
16"x20"x2" (15)
16"x20"x2" (15)
20"x25"x2" (12)
20"x25"x2" (12)

: ADD CONDENSING UNIT WEIGHT
O WEIGHT IN TABLE ABOVE

** ALL MODELS ARE FULLY
ELECTRONICALLY MODULATING

*** COMBUSTION EFFICIENCY
OF EVERY UNIT IS 80.0% OVER
THE ENTIRE GAS FIRING RANGE.

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

***** MAX. EVAP WATER PRESSURE

CONDENSER INFORMATION							
MODEL	WEIGHT*	TONNAGE			CC	DD	EE
		#1	#2	#3			
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)