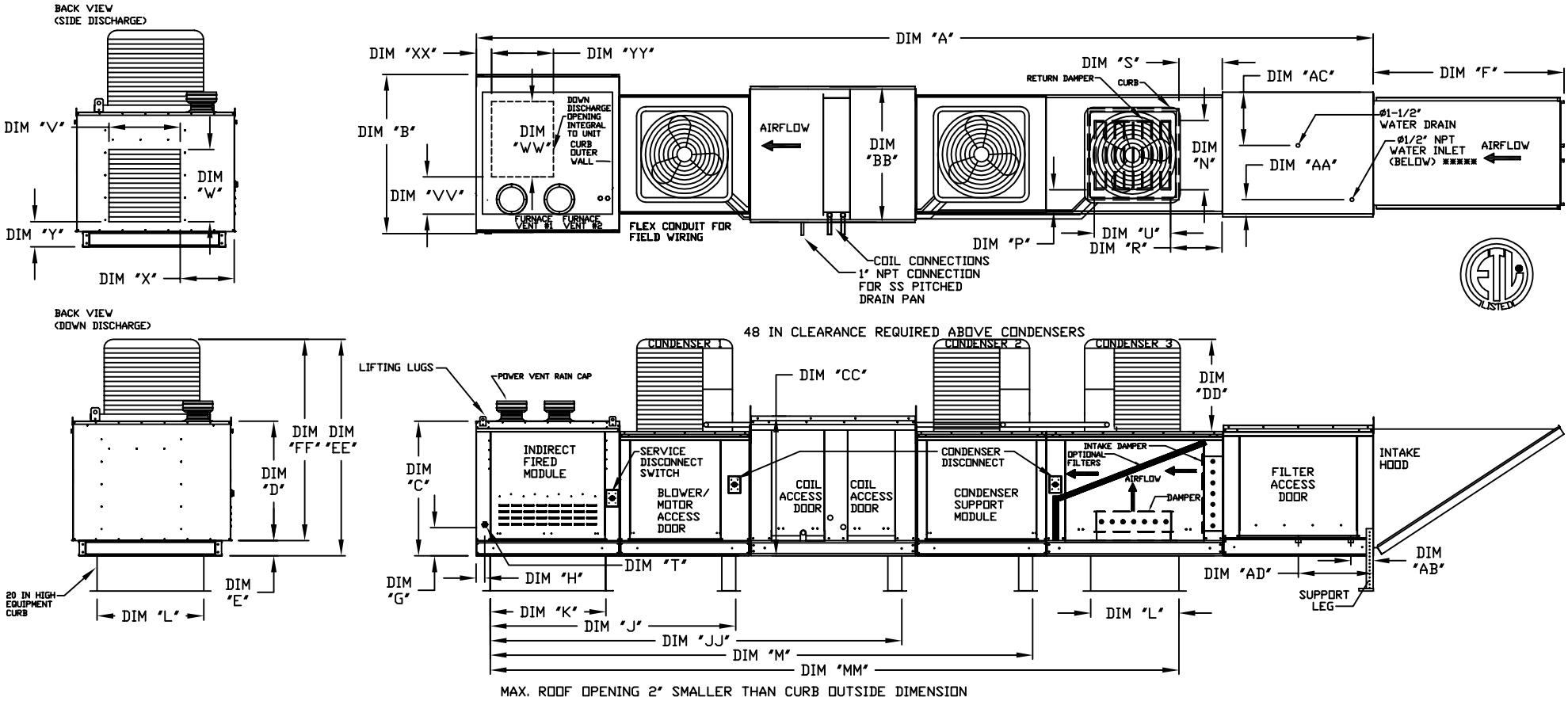
MODULAR OUTDOOR IBT HEATER WITH COOLING COIL, MIXING BOX, LPD EVAPORATIVE COOLER INTAKE AND INTAKE HOOD

IHLPDECMBCCSAHIBT-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	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)	FURNACES	AA	AB	AC	AD
3-IBT.400-G18	267-3/8	57-3/4	54-3/8	57-1/16	56-3/8	51-13/16	5-1/4	76-3/8	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	5-3/4	23-1/2	17-1/2
3-IBT.600-300-300-G18	267-3/8	57-3/4	54-3/8	57-1/16	56-3/8	51-13/16	5-1/4	76-3/8	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	5-3/4	23-1/2	17-1/2
3-IBT.800-400-400-G18	267-3/8	57-3/4	54-3/8	57-1/16	56-3/8	51-13/16	5-1/4	76-3/8	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	5-3/4	23-1/2	17-1/2
4-IBT.400-920	322-5/8	57-3/4	60-7/16	57-1/16	64-3/8	51-13/16	5-1/4	71-3/8	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	5-3/4	28-7/8	17-1/2
4-IBT.800-400-400-920	322-5/8	57-3/4	60-7/16	57-1/16	64-3/8	51-13/16	5-1/4	71-3/8	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	5-3/4	28-7/8	17-1/2

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
2952 LBS	38"x43"x12"	35	10.15 GPH
3070 LBS	38"x43"x12"	35	10.15 GPH
3208 LBS	38"x43"x12"	35	10.15 GPH
3859 LBS	45"x54"x12"	42	12.6 GPH
4742 LBS	45"x54"x12"	42	12.6 GPH

: 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			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)