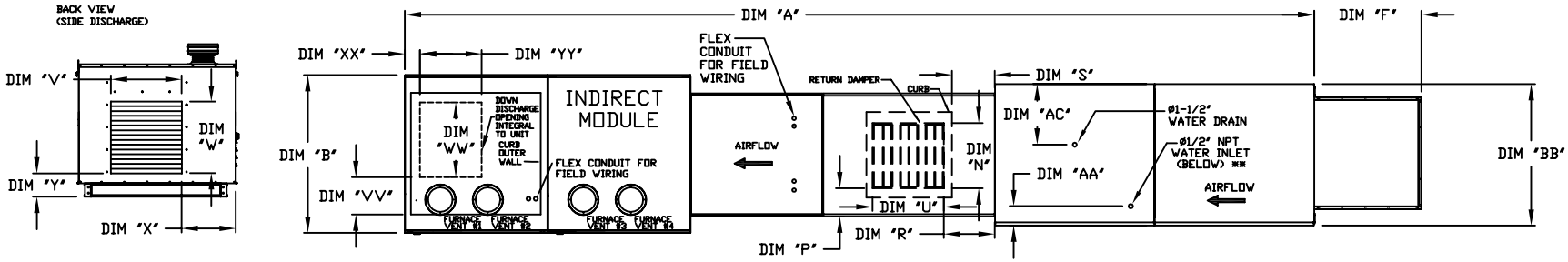
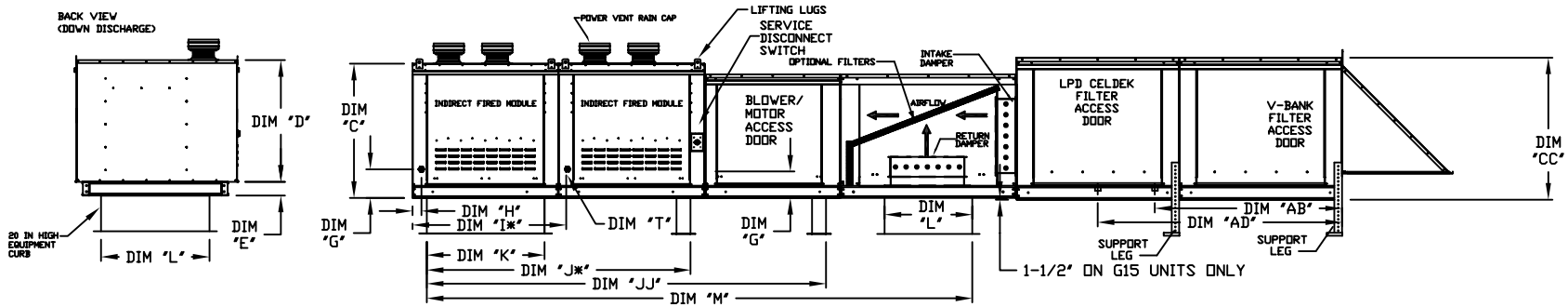
MODULAR OUTDOOR IBT HEATER WITH LPD EVAPORATIVE COOLER, V-BANK, MIXING BOX AND SCREEN INTAKE

REV.9E 07/24/2012





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
	A	B	BB	C	CC	D	E	F	G	H	I*	J*	JJ	K	L	M	N	P	R	S	U	V	W	X	Y	VV	WW	XX	YY	"T" (NPT)	
1-IBT.150-G10	199	49-1/2	36-3/4	39-9/16	36-3/4	35-13/16	3-3/4	30-5/16	8-3/4	2-11/16	N/A	N/A	89-3/16	71	21	120-1/2	14	8	14	12-1/2	18	17-3/4	17-3/4	18-1/2	7-1/4	3	16-3/4	3-1/8	21	3/4	1
1-IBT.200-G10	199	49-1/2	36-3/4	39-9/16	36-3/4	35-13/16	3-3/4	30-5/16	8-3/4	2-11/16	N/A	N/A	89-3/16	71	21	120-1/2	14	8	14	12-1/2	18	17-3/4	17-3/4	18-1/2	7-1/4	3	16-3/4	3-1/8	21	3/4	1
1-IBT.300-150-150-G10	199	49-1/2	36-3/4	39-9/16	36-3/4	35-13/16	3-3/4	30-5/16	8-3/4	2-11/16	N/A	N/A	89-3/16	71	21	120-1/2	14	8	14	12-1/2	18	17-3/4	17-3/4	18-1/2	7-1/4	3	16-3/4	3-1/8	21	3/4	2
1-IBT.400-200-200-G10	199	49-1/2	36-3/4	39-9/16	36-3/4	35-13/16	3-3/4	30-5/16	8-3/4	2-11/16	N/A	N/A	89-3/16	71	21	120-1/2	14	8	14	12-1/2	18	17-3/4	17-3/4	18-1/2	7-1/4	3	16-3/4	3-1/8	21	3/4	2
2-IBT.200-G15	219	49-1/2	40-3/4	39-9/16	43-3/8	35-13/16	3-3/4	34-3/16	8-3/4	2-11/16	N/A	N/A	97-3/16	79	31	133-1/2	22-3/4	8	11	7-1/2	24	24-1/2	17-3/4	18-1/2	7-1/4	5	24	3-1/8	21	1	1
2-IBT.300-G15	219	49-1/2	40-3/4	53-7/8	43-3/8	50-1/8	3-3/4	34-3/16	8-3/4	2-11/16	N/A	N/A	97-3/16	79	31	133-1/2	22-3/4	8	11	7-1/2	24	24-1/2	24-1/2	18-1/2	7-1/4	5	24	3-1/8	21	1	1
2-IBT.400-G15	219	49-1/2	40-3/4	53-7/8	43-3/8	50-1/8	3-3/4	34-3/16	8-3/4	2-11/16	N/A	N/A	97-3/16	79	31	133-1/2	22-3/4	8	11	7-1/2	24	24-1/2	24-1/2	18-1/2	7-1/4	5	24	3-1/8	21	1	1
2-IBT.400-200-200-G15	219	49-1/2	40-3/4	39-9/16	43-3/8	35-13/16	3-3/4	34-3/16	8-3/4	2-11/16	N/A	N/A	97-3/16	79	31	133-1/2	22-3/4	8	11	7-1/2	24	24-1/2	17-3/4	18-1/2	7-1/4	5	24	3-1/8	21	1	2
2-IBT.600-300-300-G15	219	49-1/2	40-3/4	53-7/8	43-3/8	50-1/8	3-3/4	34-3/16	8-3/4	2-11/16	N/A	N/A	97-3/16	79	31	133-1/2	22-3/4	8	11	7-1/2	24	24-1/2	24-1/2	18-1/2	7-1/4	5	24	3-1/8	21	1	2
2-IBT.800-400-400-G15	219	49-1/2	40-3/4	53-7/8	43-3/8	50-1/8	3-3/4	34-3/16	8-3/4	2-11/16	N/A	N/A	97-3/16	79	31	133-1/2	22-3/4	8	11	7-1/2	24	24-1/2	24-1/2	18-1/2	7-1/4	5	24	3-1/8	21	1	2
3-IBT.400-G18	218-1/4	57-3/4	47-7/8	57-1/16	51-3/8	51-13/16	5-1/4	47-1/4	10-3/4	2-11/16	N/A	N/A	102-3/16	84	35	141-1/2	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
3-IBT.600-300-300-G18	218-1/4	57-3/4	47-7/8	57-1/16	51-3/8	51-13/16	5-1/4	47-1/4	10-3/4	2-11/16	N/A	N/A	102-3/16	84	35	141-1/2	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
3-IBT.800-400-400-G18	218-1/4	57-3/4	47-7/8	57-1/16	51-3/8	51-13/16	5-1/4	47-1/4	10-3/4	2-11/16	N/A	N/A	102-3/16	84	35	141-1/2	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
3-IBT.1000-300-300-400-G18	278-3/8	57-3/4	47-7/8	57-1/16	51-3/8	51-13/16	5-1/4	47-1/4	10-3/4	2-11/16	62-13/16	117-1/16	162-5/16	84	35	201-5/8	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	3
3-IBT.1200-400-400-400-G18	278-3/8	57-3/4	47-7/8	57-1/16	51-3/8	51-13/16	5-1/4	47-1/4	10-3/4	2-11/16	62-13/16	117-1/16	162-5/16	84	35	201-5/8	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	3
4-IBT.400-920	249-3/8	57-3/4	58-5/8	57-1/16	58-5/8	51-13/16	5-1/4	49-5/8	10-3/4	2-11/16	N/A	N/A	121-1/4	42	42	169-1/8	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-IBT.800-400-400-920	249-3/8	57-3/4	58-5/8	57-1/16	58-5/8	51-13/16	5-1/4	49-5/8	10-3/4	2-11/16	N/A	N/A	121-1/4	42	42	169-1/8	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-IBT.1000-300-300-400-920	309-1/2	57-3/4	58-5/8	57-1/16	58-5/8	51-13/16	5-1/4	49-5/8	10-3/4	2-11/16	62-13/16	117-1/16	181-3/8	42	42	229-1/4	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	3
4-IBT.1200-400-400-400-920	309-1/2	57-3/4	58-5/8	57-1/16	58-5/8	51-13/16	5-1/4	49-5/8	10-3/4	2-11/16	62-13/16	117-1/16	181-3/8	42	42	229-1/4	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	3
4-IBT.1400-300-300-400-400-920	309-1/2	57-3/4	58-5/8	57-1/16	58-5/8	51-13/16	5-1/4	49-5/8	10-3/4	2-11/16	62-13/16	117-1/16	181-3/8	42	42	229-1/4	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	4
4-IBT.1600-400-400-400-400-920	309-1/2	57-3/4	58-5/8	57-1/16	58-5/8	51-13/16	5-1/4	49-5/8	10-3/4	2-11/16	62-13/16	117-1/16	181-3/8	42	42	229-1/4	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	4
5-IBT.400-925	259-3/8	66-3/8	74-7/8	59-15/16	58-3/8	54-11/16	5-1/4	49-5/8	10-3/4	2-11/16	N/A	N/A	131-1/4	52-3/4	52-3/4	185-7/8	43	10	6-1/2	1-1/4	43	31-1/2	34	18-1/2	8-3/4	10-3/4	32	3-1/8	27-1/2	1	1
5-IBT.800-400-400-925	259-3/8	66-3/8	74-7/8	59-15/16	58-3/8	54-11/16	5-1/4	49-5/8	10-3/4	2-11/16	N/A	N/A	131-1/4	52-3/4	52-3/4	185-7/8	43	10	6-1/2	1-1/4	43	31-1/2	34	18-1/2	8-3/4	10-3/4	32	3-1/8	27-1/2	1	2
5-IBT.1000-300-300-400-925	319-1/2	66-3/8	74-7/8	59-15/16	58-3/8	54-11/16	5-1/4	49-5/8	10-3/4	2-11/16	62-13/16	117-1/16	191-3/8	52-3/4	52-3/4	246	43	10	6-1/2	1-1/4	43	31-1/2	34	18-1/2	8-3/4	10-3/4	32	3-1/8	27-1/2	1	3
5-IBT.1200-400-400-400-925	319-1/2	66-3/8	74-7/8	59-15/16	58-3/8	54-11/16	5-1/4	49-5/8	10-3/4	2-11/16	62-13/16	117-1/16	191-3/8	52-3/4	52-3/4	246	43	10	6-1/2	1-1/4	43	31-1/2	34	18-1/2	8-3/4	10-3/4	32	3-1/8	27-1/2	1	3
5-IBT.1400-300-300-400-400-925	319-1/2	66-3/8	74-7/8	59-15/16	58-3/8	54-11/16	5-1/4	49-5/8	10-3/4	2-11/16	62-13/16	117-1/16	191-3/8	52-3/4	52-3/4	246	43	10	8-1/2	1-1/4	43	31-1/2	34	18-1/2	8-3/4	10-3/4	32	3-1/8	27-1/2	1	4
5-IBT.1600-400-400-400-400-925	319-1/2	66-3/8	74-7/8	59-15/16	58-3/8	54-11/16	5-1/4	49-5/8	10-3/4	2-11/16	62-13/16	117-1/16	191-3/8	52-3/4	52-3/4	246	43	10	8-1/2	1-1/4	43	31-1/2	34	18-1/2	8-3/4	10-3/4	32	3-1/8	27-1/2	1	4

UNIT INFORMATION

MODEL	BTU RANGE (MBH)***			TURNDOWN RATIO	COMBUSTION EFFICIENCY***	GAS PRESSURE****		CELDEK EVAPORATIVE COOLING UNIT			WATER INLET		DRAIN OPENING		OPTIONAL MIXING BOX FILTERS
	BURNER INPUT	BTU LOW	BTU HIGH			MIN	MAX	TOT. WEIGHT	MEDIA SIZE & QTY	NOZZLES	MAX. FLOW RATE	AA	AB	AC	AD	FILTER SIZE & QTY
1-IBT.150-G10	150	20	120	6	80.0%	7" WC	14" WC	1272 LBS	25"x32"x12"	20	6.5 GPH	4-1/2	38-1/2	18	48-1/4	10"x16"x2" (5)
1-IBT.200-G10	200	26.7	160	6	80.0%	7" WC	14" WC	1302 LBS	25"x32"x12"	20	6.5 GPH	4-1/2	38-1/2	18	48-1/4	10"x16"x2" (5)
1-IBT.300-150-150-G10	300	20	240	12	80.0%	7" WC	14" WC	1357 LBS	25"x32"x12"	20	6.5 GPH	4-1/2	38-1/2	18	48-1/4	10"x16"x2" (5)
1-IBT.400-200-200-G10	400	26.7	320	12	80.0%	7" WC	14" WC	1431 LBS	25"x32"x12"	20	6.5 GPH	4-1/2	38-1/2	18	48-1/4	10"x16"x2" (5)
2-IBT.200-G15	200	26.7	160	6	80.0%	7" WC	14" WC	1615 LBS	30"x36"x12"	28	8.4 GPH	4-1/2	44	20	57-1/4	20"x25"x2" (2), 16"x25"x2" (1)
2-IBT.300-G15	300	40	240	6	80.0%	7" WC	14" WC	1707 LBS	30"x36"x12"	28	8.4 GPH	4-1/2	44	20	57-1/4	20"x25"x2" (2), 16"x25"x2" (1)
2-IBT.400-G15	400	53.3	320	6	80.0%	7" WC	14" WC	1786 LBS	30"x36"x12"	28	8.4 GPH	4-1/2	44	20	57-1/4	20"x25"x2" (2), 16"x25"x2" (1)
2-IBT.400-200-200-G15	400	26.7	320	12	80.0%	7" WC	14" WC	1674 LBS	30"x36"x12"	28	8.4 GPH	4-1/2	44	20	57-1/4	20"x25"x2" (2), 16"x25"x2" (1)
2-IBT.600-300-300-G15	600	40	480	12	80.0%	7" WC	14" WC	1828 LBS	30"x36"x12"	28	8.4 GPH	4-1/2	44	20	57-1/4	20"x25"x2" (2), 16"x25"x2" (1)
2-IBT.800-400-400-G15	800	53.3	640	12	80.0%	7" WC	14" WC	1941 LBS	30"x36"x12"	28	8.4 GPH	4-1/2	44	20	57-1/4	20"x25"x2" (2), 16"x25"x2" (1)
3-IBT.400-G18	400	53.3	320	6	80.0%	7" WC	14" WC	2297 LBS	38"x43"x12"	35	10.15 GPH	4-1/2	41-1/8	23-1/2	52-7/8	15"x20"x2" (4), 15"x15"x2" (2)
3-IBT.600-300-300-G18	600	40	480	12	80.0%	7" WC	14" WC	2415 LBS	38"x43"x12"	35	10.15 GPH	4-1/2	41-1/8	23-1/2	52-7/8	15"x20"x2" (4), 15"x15"x2" (2)
3-IBT.800-400-400-G18	800	53.3	640	12	80.0%	7" WC	14" WC	2553 LBS	38"x43"x12"	35	10.15 GPH	4-1/2	41-1/8	23-1/2	52-7/8	15"x20"x2" (4), 15"x15"x2" (2)
3-IBT.1000-300-300-400-G18	1000	40	800	20	80.0%	7" WC	14" WC	3292 LBS	38"x43"x12"	35	10.15 GPH	4-1/2	41-1/8	23-1/2	52-7/8	15"x20"x2" (4), 15"x15"x2" (2)
3-IBT.1200-400-400-400-G18	1200	53.3	960	18	80.0%	7" WC	14" WC	3404 LBS	38"x43"x12"	35	10.15 GPH	4-1/2	41-1/8	23-1/2	52-7/8	15"x20"x2" (4), 15"x15"x2" (2)
4-IBT.400-920	400	53.3	320	6	80.0%	7" WC	14" WC	2942 LBS	45"x54"x12"	42	12.6 GPH	4-1/2	41-1/8	28-7/8	52-7/8	18"x25"x2" (4), 16"x20"x2" (2)
4-IBT.800-400-400-920	800	53.3	640	12	80.0%	7" WC	14" WC	3159 LBS	45"x54"x12"	42	12.6 GPH	4-1/2	41-1/8	28-7/8	52-7/8	18"x25"x2" (4), 16"x20"x2" (2)
4-IBT.1000-300-300-400-920	1000	40	800	20	80.0%	7" WC	14" WC	4042 LBS	45"x54"x12"	42	12.6 GPH	4-1/2	41-1/8	28-7/8	52-7/8	18"x25"x2" (4), 16"x20"x2" (2)
4-IBT.1200-400-400-400-920	1200	53.3	960	18	80.0%	7" WC	14" WC	4154 LBS	45"x54"x12"	42	12.6 GPH	4-1/2	41-1/8	28-7/8	52-7/8	18"x25"x2" (4), 16"x20"x2" (2)
4-IBT.1400-300-300-400-400-920	1400	40	1120	28	80.0%	7" WC	14" WC	4266 LBS	45"x54"x12"	42	12.6 GPH	4-1/2	41-1/8	28-7/8	52-7/8	18"x25"x2" (4), 16"x20"x2" (2)
4-IBT.1600-400-400-400-400-920	1600	53.3	1280	24	80.0%	7" WC	14" WC	4378 LBS	45"x54"x12"	42	12.6 GPH	4-1/2	41-1/8	28-7/8	52-7/8	18"x25"x2" (4), 16"x20"x2" (2)
5-IBT.400-925	400	53.3	320	6	80.0%	7" WC	14" WC	3650 LBS	45"x72"x12"	57	20.1 GPH	4-1/2	41-1/8	37-1/2	52-7/8	14.5"x19"x2" (12)
5-IBT.800-400-400-925	800	53.3	640	12	80.0%	7" WC	14" WC	3867 LBS	45"x72"x12"	57	20.1 GPH	4-1/2	41-1/8	37-1/2	52-7/8	14.5"x19"x2" (12)
5-IBT.1000-300-300-400-925	1000	40	800	20	80.0%	7" WC	14" WC	4639 LBS	45"x72"x12"	57	20.1 GPH	4-1/2	41-1/8	37-1/2	52-7/8	14.5"x19"x2" (12)
5-IBT.1200-400-400-400-925	1200	53.3	960	18	80.0%	7" WC	14" WC	4751 LBS	45"x72"x12"	57	20.1 GPH	4-1/2	41-1/8	37-1/2	52-7/8	14.5"x19"x2" (12)
5-IBT.1400-300-300-400-400-925	1400	40	1120	28	80.0%	7" WC	14" WC	4863 LBS	45"x72"x12"	57	20.1 GPH	4-1/2	41-1/8	37-1/2	52-7/8	14.5"x19"x2" (12)
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

* ADDITIONAL RAIL/GAS CONNECTION ONLY FOR UNITS WITH 3 OR 4 FURNACES

**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 = 50 PSI @ 70 DEG. F