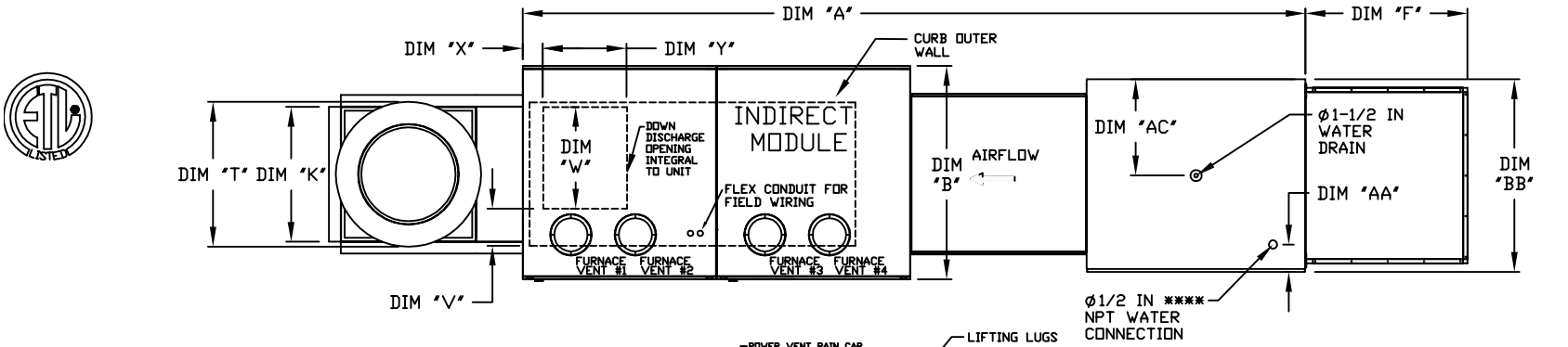
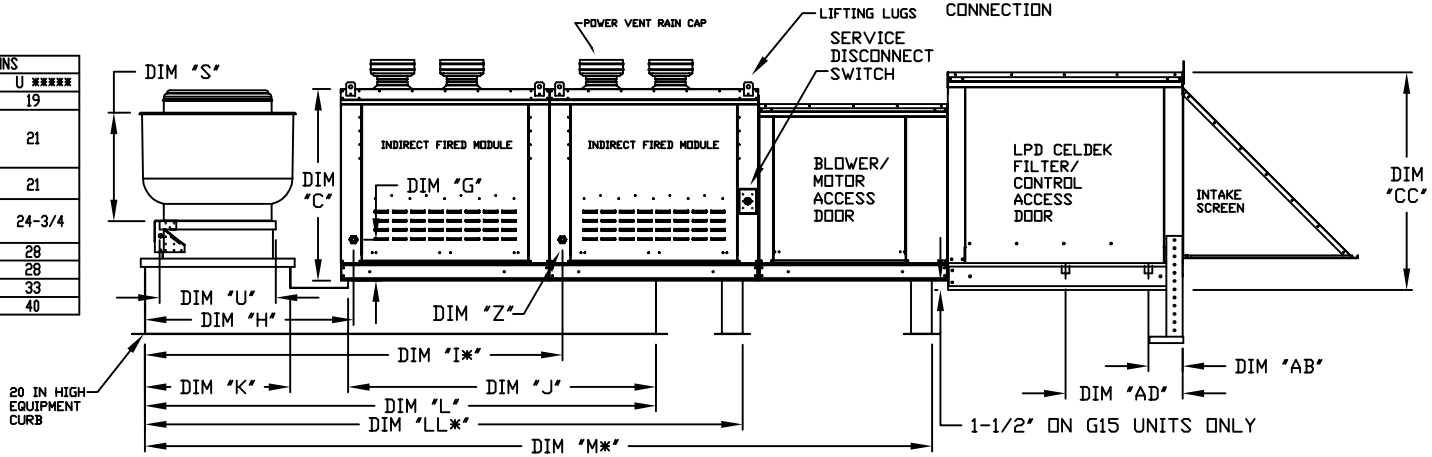
MODULAR OUTDOOR DOWN DISCHARGE IBT HEATER ROOF TOP PACKAGE WITH LPD EVAPORATIVE COOLER AND SCREEN INTAKE

SILPDECSAHIBTRTP-ML
REV.#7 07/25/2012





MAX. ROOF OPENING 2" SMALLER THAN CURB OUTSIDE DIMENSION

EXHAUST UNIT DIMENSIONS			
MODEL #	S	T	U *****
DU12	14-1/2	22	19
BDU11	18-1/2	27-1/4	21
DU25			
DU30			
DU33			
BDU13	21-1/2	30-1/4	21
DU50			
BDU15	23	33-3/4	24-3/4
DU75			
DU85			
BDU18	23-1/2	39-3/8	28
BDU20	29-1/2	38-7/8	28
BDU24	30-5/8	43-3/8	33
BDU30	33-1/2	52-3/4	40

ALL DIMENSIONS ARE NOMINAL AND GIVEN IN INCHES.

MODEL	UNIT DIMENSIONS																DOWN DISCHARGE OPENING				GAS CONNECTION	# OF FURNACES	WATER INLET		DRAIN OPENING	
	A	B	BB	C	CC	D	E	F	G	H	I*	J	K	L	LL*	M	V	W	X	Y	"Z" (NPT)		AA	AB	AC	AD
1-IBT.150-G10	124-1/2	49-1/2	36-3/4	39-9/16	36-3/4	35-13/16	3-3/4	30-5/16	8-3/4	36-1/8	N/A	71	21	106	N/A	124-3/16	3	16-3/4	3-1/8	21	3/4	1	4-1/2	6-1/4	18	16
1-IBT.200-G10	124-1/2	49-1/2	36-3/4	39-9/16	36-3/4	35-13/16	3-3/4	30-5/16	8-3/4	36-1/8	N/A	71	21	106	N/A	124-3/16	3	16-3/4	3-1/8	21	3/4	1	4-1/2	6-1/4	18	16
1-IBT.300-150-150-G10	124-1/2	49-1/2	36-3/4	39-9/16	36-3/4	35-13/16	3-3/4	30-5/16	8-3/4	36-1/8	N/A	71	21	106	N/A	124-3/16	3	16-3/4	3-1/8	21	3/4	2	4-1/2	6-1/4	18	16
1-IBT.400-200-200-G10	124-1/2	49-1/2	36-3/4	39-9/16	36-3/4	35-13/16	3-3/4	30-5/16	8-3/4	36-1/8	N/A	71	21	106	N/A	124-3/16	3	16-3/4	3-1/8	21	3/4	2	4-1/2	6-1/4	18	16
2-IBT.200-G15	138-1/2	49-1/2	40-3/4	39-9/16	43-3/8	35-13/16	3-3/4	34-3/16	8-3/4	46-1/8	N/A	79	31	124	N/A	142-3/16	5	24	3-1/8	21	1	1	4-1/2	5-3/4	20	19
2-IBT.300-G15	138-1/2	49-1/2	40-3/4	53-7/8	43-3/8	50-1/8	3-3/4	34-3/16	8-3/4	46-1/8	N/A	79	31	124	N/A	142-3/16	5	24	3-1/8	21	1	1	4-1/2	5-3/4	20	19
2-IBT.400-G15	138-1/2	49-1/2	40-3/4	53-7/8	43-3/8	50-1/8	3-3/4	34-3/16	8-3/4	46-1/8	N/A	79	31	124	N/A	142-3/16	5	24	3-1/8	21	1	1	4-1/2	5-3/4	20	19
2-IBT.400-200-200-G15	138-1/2	49-1/2	40-3/4	39-9/16	43-3/8	35-13/16	3-3/4	34-3/16	8-3/4	46-1/8	N/A	79	31	124	N/A	142-3/16	5	24	3-1/8	21	1	2	4-1/2	5-3/4	20	19
2-IBT.600-300-300-G15	138-1/2	49-1/2	40-3/4	53-7/8	43-3/8	50-1/8	3-3/4	34-3/16	8-3/4	46-1/8	N/A	79	31	124	N/A	142-3/16	5	24	3-1/8	21	1	2	4-1/2	5-3/4	20	19
2-IBT.800-400-400-G15	138-1/2	49-1/2	40-3/4	53-7/8	43-3/8	50-1/8	3-3/4	34-3/16	8-3/4	46-1/8	N/A	79	31	124	N/A	142-3/16	5	24	3-1/8	21	1	2	4-1/2	5-3/4	20	19
3-IBT.400-G18	140-5/8	57-3/4	47-7/8	57-1/16	51-3/8	51-13/16	5-1/4	47-1/4	10-3/4	50-1/8	N/A	84	35	133	N/A	151-3/16	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	140-5/8	57-3/4	47-7/8	57-1/16	51-3/8	51-13/16	5-1/4	47-1/4	10-3/4	50-1/8	N/A	84	35	133	N/A	151-3/16	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	140-5/8	57-3/4	47-7/8	57-1/16	51-3/8	51-13/16	5-1/4	47-1/4	10-3/4	50-1/8	N/A	84	35	133	N/A	151-3/16	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.1000-300-300-400-G18	200-3/4	57-3/4	47-7/8	57-1/16	51-3/8	51-13/16	5-1/4	47-1/4	10-3/4	50-1/8	110-1/4	84	35	133	166-1/16	211-5/16	6-3/4	26-1/2	4-1/8	26-1/2	1	3	4-1/2	5-3/4	23-1/2	17-1/2
3-IBT.1200-400-400-400-G18	200-3/4	57-3/4	47-7/8	57-1/16	51-3/8	51-13/16	5-1/4	47-1/4	10-3/4	50-1/8	110-1/4	84	35	133	166-1/16	211-5/16	6-3/4	26-1/2	4-1/8	26-1/2	1	3	4-1/2	5-3/4	23-1/2	17-1/2

UNIT INFORMATION

MODEL	BTU RANGE (MBH)**			TURNDOWN RATIO	COMBUSTION EFFICIENCY***	GAS PRESSURE****	
	BURNER INPUT	BTU LOW	BTU HIGH			MIN	MAX
1-IBT.150-G10	150	20	120	6	80.0%	7" WC	14" WC
1-IBT.200-G10	200	26.7	160	6	80.0%	7" WC	14" WC
1-IBT.300-150-150-G10	300	20	240	12	80.0%	7" WC	14" WC
1-IBT.400-200-200-G10	400	26.7	320	12	80.0%	7" WC	14" WC
2-IBT.200-G15	200	26.7	160	6	80.0%	7" WC	14" WC
2-IBT.300-G15	300	40	240	6	80.0%	7" WC	14" WC
2-IBT.400-G15	400	53.3	320	6	80.0%	7" WC	14" WC
2-IBT.400-200-200-G15	400	26.7	320	12	80.0%	7" WC	14" WC
2-IBT.600-300-300-G15	600	40	480	12	80.0%	7" WC	14" WC
2-IBT.800-400-400-G15	800	53.3	640	12	80.0%	7" WC	14" WC
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
3-IBT.1000-300-300-400-G18	1000	40	800	20	80.0%	7" WC	14" WC
3-IBT.1200-400-400-400-G18	1200	53.3	960	18	80.0%	7" WC	14" WC

CELDEK EVAPORATIVE COOLING UNIT				
TOT. WEIGHT	MEDIA SIZE & QTY	VEL. @ MAX. CFM	NOZZLES	MAX. FLOW RATE
982 LBS	25"x32"x12"	1080 FPM	20	6.5 GPH
1012 LBS	25"x32"x12"	1080 FPM	20	6.5 GPH
1067 LBS	25"x32"x12"	1080 FPM	20	6.5 GPH
1141 LBS	25"x32"x12"	1080 FPM	20	6.5 GPH
1235 LBS	30"x36"x12"	1067 FPM	28	8.4 GPH
1327 LBS	30"x36"x12"	1067 FPM	28	8.4 GPH
1406 LBS	30"x36"x12"	1067 FPM	28	8.4 GPH
1294 LBS	30"x36"x12"	1067 FPM	28	8.4 GPH
1448 LBS	30"x36"x12"	1067 FPM	28	8.4 GPH
1561 LBS	30"x36"x12"	1067 FPM	28	8.4 GPH
1782 LBS	38"x43"x12"	1322 FPM	35	10.15 GPH
1900 LBS	38"x43"x12"	1322 FPM	35	10.15 GPH
2038 LBS	38"x43"x12"	1322 FPM	35	10.15 GPH
2777 LBS	38"x43"x12"	1322 FPM	35	10.15 GPH
2889 LBS	38"x43"x12"	1322 FPM	35	10.15 GPH

* 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.

***** 9 INCH HIGH EXHAUST ADAPTER MAY BE REQUIRED

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