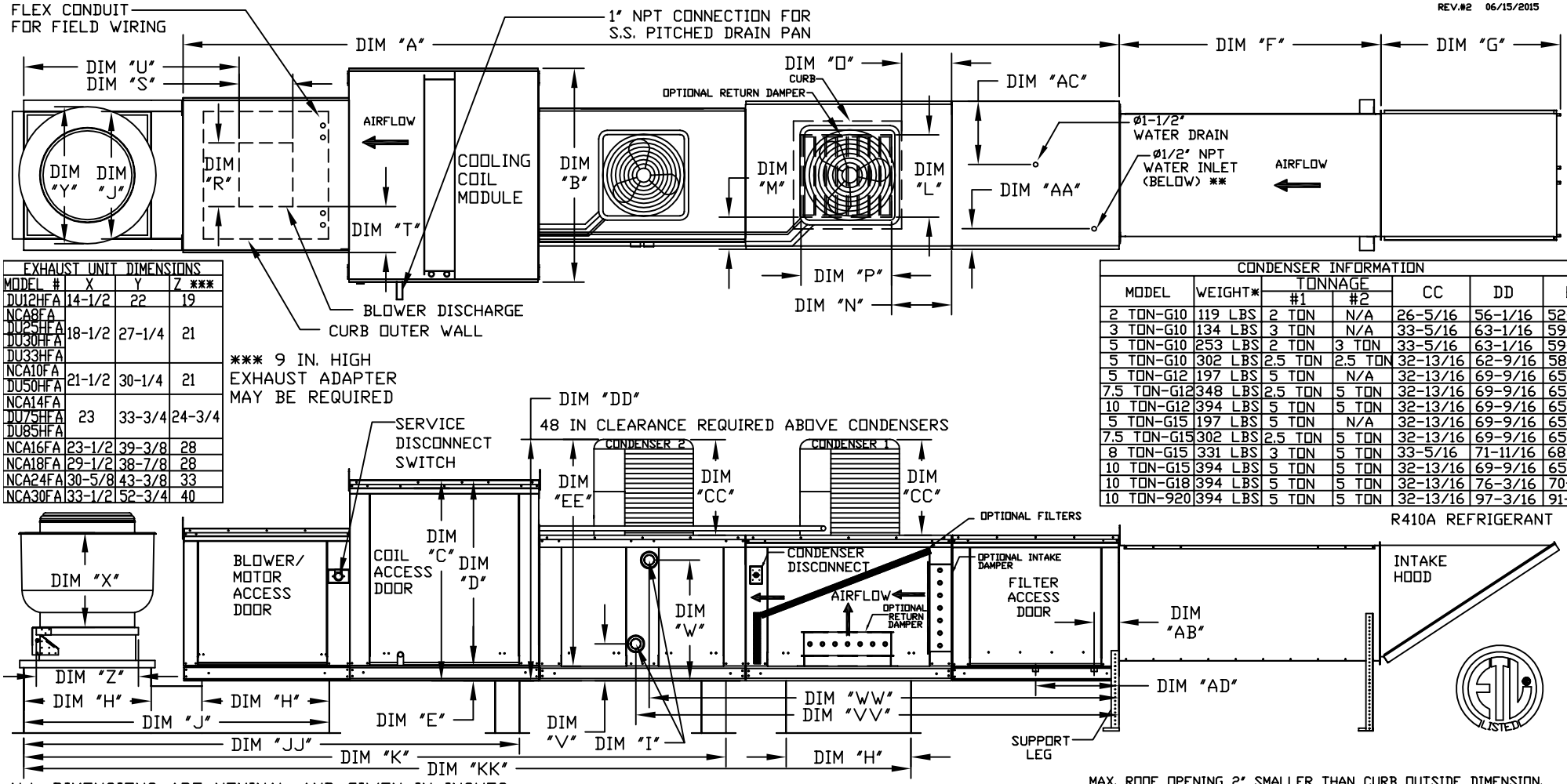
OUTDOOR DOWN DISCHARGE MOD PACKAGE UNIT-ROOFTOP PACKAGE, HEATING COIL, EVAPORATIVE COOLER INTAKE, INTAKE HOOD AND OPTIONAL MIXING BOX

IHTLECMBHCCCDAHRTP-MPU
REV.#2 06/15/2015



EXHAUST UNIT DIMENSIONS			
MODEL #	X	Y	Z ***
DU12HFA	14-1/2	22	19
NCA8FA DU25HFA DU30HFA DU33HFA	18-1/2	27-1/4	21
NCA10FA DU50HFA	21-1/2	30-1/4	21
NCA14FA DU75HFA DU85HFA	23	33-3/4	24-3/4
NCA16FA	23-1/2	39-3/8	28
NCA18FA	29-1/2	38-7/8	28
NCA24FA	30-5/8	43-3/8	33
NCA30FA	33-1/2	52-3/4	40

*** 9 IN. HIGH EXHAUST ADAPTER MAY BE REQUIRED

CONDENSER INFORMATION						
MODEL	WEIGHT*	TONNAGE #1	TONNAGE #2	CC	DD	EE
2 TON-G10	119 LBS	2 TON	N/A	26-5/16	56-1/16	52-3/8
3 TON-G10	134 LBS	3 TON	N/A	33-5/16	63-1/16	59-3/8
5 TON-G10	253 LBS	2 TON	3 TON	33-5/16	63-1/16	59-3/8
5 TON-G10	302 LBS	2.5 TON	2.5 TON	32-13/16	62-9/16	58-7/8
5 TON-G12	197 LBS	5 TON	N/A	32-13/16	69-9/16	65-7/8
7.5 TON-G12	348 LBS	2.5 TON	5 TON	32-13/16	69-9/16	65-7/8
10 TON-G12	394 LBS	5 TON	5 TON	32-13/16	69-9/16	65-7/8
5 TON-G15	197 LBS	5 TON	N/A	32-13/16	69-9/16	65-7/8
7.5 TON-G15	302 LBS	2.5 TON	5 TON	32-13/16	69-9/16	65-7/8
8 TON-G15	331 LBS	3 TON	5 TON	33-5/16	71-11/16	68
10 TON-G15	394 LBS	5 TON	5 TON	32-13/16	69-9/16	65-7/8
10 TON-G18	394 LBS	5 TON	5 TON	32-13/16	76-3/16	70-7/8
10 TON-920	394 LBS	5 TON	5 TON	32-13/16	97-3/16	91-15/16

R410A REFRIGERANT

ALL DIMENSIONS ARE NOMINAL AND GIVEN IN INCHES.

MAX. ROOF OPENING 2" SMALLER THAN CURB OUTSIDE DIMENSION.

UNIT DIMENSIONS													RETURN OPENING					DISCHARGE OPENING				FILTER SIZE & QTY	WATER INLET		DRAIN OPENING	
MODEL	A	B	C	D	E	F	G	H	J	JJ	K	KK	L	M	N	O	P	R	S	T	U		AA	AB	AC	AD
G10	191-1/8	39-3/8	42-3/4	39	3-3/4	88	44-3/8	21	56	100-3/16	142-15/16	175-7/8	14	8	14	12-1/2	18	13-1/4	11-1/2	3-7/8	36-3/4	16"x20"x2" (3)	4-1/2	6-1/4	13	16
G12	199-1/8	49-3/8	47-3/4	44	3-3/4	80	53-5/8	31	76	119-5/8	161-3/4	199-7/8	22-3/4	8	11	7-1/2	24	15-3/4	13-9/16	7-5/8	52-15/16	20"x25"x2" (3)	4-1/2	6-1/4	18	16
G15	199-1/8	49-3/8	47-3/4	44	3-3/4	80	53-5/8	31	76	119-5/8	161-3/4	199-7/8	22-3/4	8	11	7-1/2	24	18-3/4	16	6-1/8	50-1/2	20"x25"x2" (3)	4-1/2	6-1/4	18	16
G18	200-1/8	54-3/8	56-3/8	51-1/8	5-1/4	75	51-5/8	35	84	128-3/16	171-15/16	211-3/8	28	8	7	4-1/2	30	22	19	6-1/2	56	16"x20"x2" (6)	4-1/2	5-3/4	20	19
920	262-1/2	60-7/16	64-3/8	59-1/8	5-1/4	50	76-3/8	42	98	160-9/32	214-5/8	264	33	10	11	8	36	24-7/8	24-7/8	8-9/16	57-1/8	16"x20"x2" (10)	4-1/2	5-3/4	23-1/2	17-1/2

HOT WATER MODULE

MODEL	TOTAL CAPACITY (MBH)	PIPE CONNECTION "I" (MPT)	V	VV	W	WW
G10	165.63	2	8-1/4	96-15/16	24-3/4	94-3/16
G12	320.88	2	8-1/4	96-15/16	28-3/4	94-3/16
G15	320.88	2	8-1/4	96-15/16	28-3/4	94-3/16
G18	514.97	1-1/2	9-1/2	102-11/16	38	100-7/16
920	831.87	2-1/2	10	118-1/4	45-1/2	114-5/8

STEAM COIL MODULE

MODEL	TOTAL CAPACITY (MBH)	PIPE CONNECTION "I" (MPT)	STEAM PSI	V	VV	W	WW
G10	176.49	2-1/2	5	8-3/4	95-9/16	16-15/16	95-9/16
G12	328.19	2-1/2	5	8-3/4	95-9/16	18-3/8	95-9/16
G15	328.19	2-1/2	5	8-3/4	95-9/16	18-3/8	95-9/16
G18	505.64	2-1/2	5	10-1/4	101-9/16	23-5/8	101-9/16
920	812.24	2-1/2	5	10-1/4	116-13/16	28-5/8	116-13/16

TONNAGE RANGE	
MIN	MAX
2 Ton	5 Ton
5 Ton	10 Ton
5 Ton	10 Ton
10 Ton	10 Ton
10 Ton	10 Ton

STANDARD EVAPORATIVE COOLING UNIT W/

	MODEL	TOT. WEIGHT		TOT. WEIGHT	MEDIA SIZE & QTY	VEL. @ MAX. CFM	NOZZLES	MAX. FLOW RATE
HOT WATER COIL MODULE	G10	1185 LBS	STEAM COIL MODULE	1185 LBS	20"x25"x2" (3)	406 FPM	6	3 GPH
	G12	1635 LBS		1635 LBS	16"x20"x2" (8)	358 FPM	10	5 GPH
	G15	1645 LBS		1645 LBS	16"x20"x2" (8)	429 FPM	10	5 GPH
	G18	2025 LBS		2020 LBS	20"x25"x2" (8)	348 FPM	14	7 GPH
	920	3275 LBS		3250 LBS	16"x20"x2" (15)	572 FPM	24	12 GPH

CELDEK EVAPORATIVE COOLING UNIT W/

	MODEL	TOT. WEIGHT		TOT. WEIGHT	MEDIA SIZE & QTY	VEL. @ MAX. CFM	NOZZLES	MAX. FLOW RATE
HOT WATER COIL MODULE	G10	1190 LBS	STEAM COIL MODULE	1190 LBS	20"x24"x12"	1050 FPM	12	3.9 GPH
	G12	1630 LBS		1630 LBS	25"x32"x12"	900 FPM	20	6.5 GPH
	G15	1640 LBS		1640 LBS	25"x32"x12"	1080 FPM	20	6.5 GPH
	G18	2015 LBS		2010 LBS	30"x36"x12"	1067 FPM	28	8.4 GPH
	920	3245 LBS		3220 LBS	38"x43"x12"	1322 FPM	35	10.15 GPH

OPTIONAL MIXING BOX FILTERS
FILTER SIZE & QTY
10"x16"x2" (5)
20"x25"x2" (2), 16"x"25"x2" (1)
20"x25"x2" (2), 16"x"25"x2" (1)
15"x20"x2" (4), 15"x15"x2" (2)
18"x25"x2" (4), 16"x20"x2" (2)

* ADD WEIGHT FROM CONDENSER TABLE TO WEIGHTS IN TABLES ABOVE

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