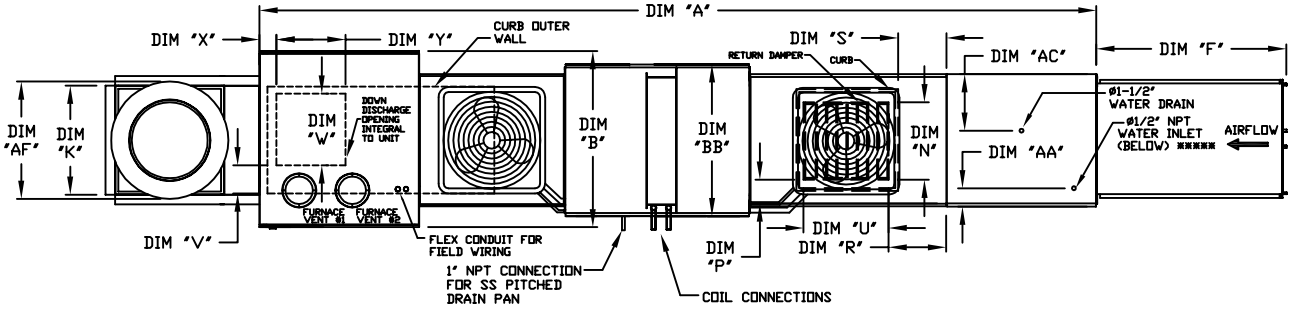
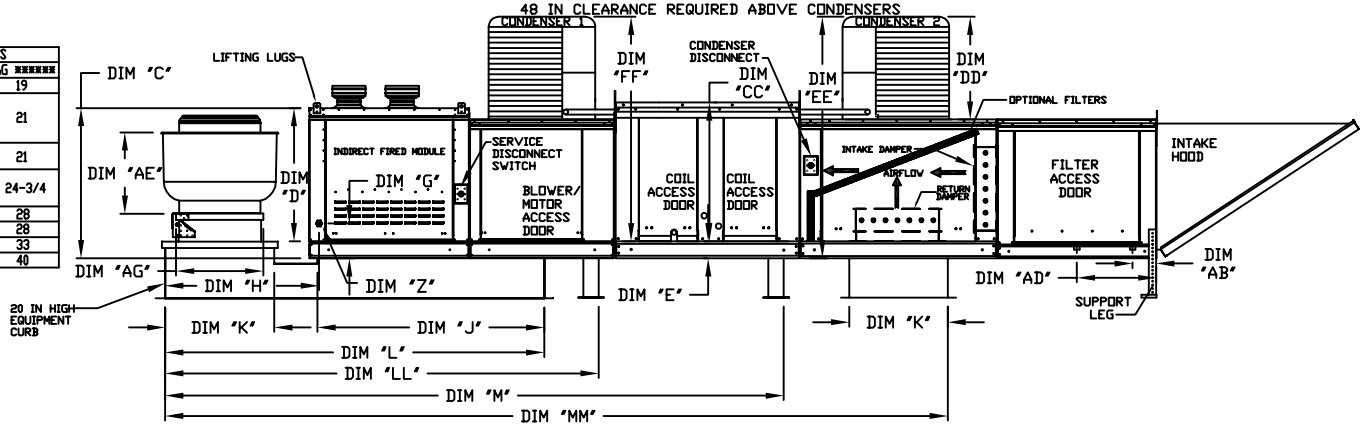
IHECMBCCSAHUBTRTP-MPU
REV.03 06/15/2015



EXHAUST UNIT DIMENSIONS			
MODEL #	AE	AF	AG ******
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



ALL DIMENSIONS ARE NOMINAL AND GIVEN IN INCHES.

MODEL	UNIT DIMENSIONS																MIXING BOX 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	LL	M	MM	N	P	R	S	U	V	W	X	Y	"Z" (NPT)		AA	AB	AC	AD
1-IBT.150-G10	209	49-1/2	39-3/8	39-9/16	42-3/4	35-13/16	3-3/4	44-3/8	8-3/4	36-1/8	71	21	106	124-3/16	166-7/16	197-3/4	14	8	14	12-1/2	18	3	16-3/4	8-1/8	21	3/4	1	4-1/2	6-1/4	13	16
1-IBT.200-G10	209	49-1/2	39-3/8	39-9/16	42-3/4	35-13/16	3-3/4	44-3/8	8-3/4	36-1/8	71	21	106	124-3/16	166-7/16	197-3/4	14	8	14	12-1/2	18	3	16-3/4	8-1/8	21	3/4	1	4-1/2	6-1/4	13	16
1-IBT.300-150-150-G10	209	49-1/2	39-3/8	39-9/16	42-3/4	35-13/16	3-3/4	44-3/8	8-3/4	36-1/8	71	21	106	124-3/16	166-7/16	197-3/4	14	8	14	12-1/2	18	3	16-3/4	8-1/8	21	3/4	2	4-1/2	6-1/4	13	16
1-IBT.400-200-200-G10	209	49-1/2	39-3/8	39-9/16	42-3/4	35-13/16	3-3/4	44-3/8	8-3/4	36-1/8	71	21	106	124-3/16	166-7/16	197-3/4	14	8	14	12-1/2	18	3	16-3/4	8-1/8	21	3/4	2	4-1/2	6-1/4	13	16
2-IBT.200-G15	217	49-1/2	49-3/8	39-9/16	47-3/4	35-13/16	3-3/4	53-5/8	8-3/4	46-1/8	79	31	124	142-3/16	184-7/16	220-3/4	22-3/4	8	11	7-1/2	24	5	24	8-1/8	21	1	1	4-1/2	6-1/4	18	16
2-IBT.300-G15	217	49-1/2	49-3/8	53-7/8	47-3/4	50-1/8	3-3/4	53-5/8	8-3/4	46-1/8	79	31	124	142-3/16	184-7/16	220-3/4	22-3/4	8	11	7-1/2	24	5	24	8-1/8	21	1	1	4-1/2	6-1/4	18	16
2-IBT.400-G15	217	49-1/2	49-3/8	53-7/8	47-3/4	50-1/8	3-3/4	53-5/8	8-3/4	46-1/8	79	31	124	142-3/16	184-7/16	220-3/4	22-3/4	8	11	7-1/2	24	5	24	8-1/8	21	1	1	4-1/2	6-1/4	18	16
2-IBT.400-200-200-G15	217	49-1/2	49-3/8	39-9/16	47-3/4	35-13/16	3-3/4	53-5/8	8-3/4	46-1/8	79	31	124	142-3/16	184-7/16	220-3/4	22-3/4	8	11	7-1/2	24	5	24	8-1/8	21	1	2	4-1/2	6-1/4	18	16
2-IBT.600-300-300-G15	217	49-1/2	49-3/8	53-7/8	47-3/4	50-1/8	3-3/4	53-5/8	8-3/4	46-1/8	79	31	124	142-3/16	184-7/16	220-3/4	22-3/4	8	11	7-1/2	24	5	24	8-1/8	21	1	2	4-1/2	6-1/4	18	16
2-IBT.800-400-400-G15	217	49-1/2	49-3/8	53-7/8	47-3/4	50-1/8	3-3/4	53-5/8	8-3/4	46-1/8	79	31	124	142-3/16	184-7/16	220-3/4	22-3/4	8	11	7-1/2	24	5	24	8-1/8	21	1	2	4-1/2	6-1/4	18	16
3-IBT.400-G18	228	57-3/4	54-3/8	57-1/16	56-3/8	51-13/16	5-1/4	51-5/8	10-3/4	50-1/8	84	35	133	151-3/16	193-7/16	232-3/4	28	8	7	4-1/2	30	6-3/4	26-1/2	4-1/8	26-1/2	1	1	4-1/2	5-3/4	20	19
3-IBT.600-300-300-G18	228	57-3/4	54-3/8	57-1/16	56-3/8	51-13/16	5-1/4	51-5/8	10-3/4	50-1/8	84	35	133	151-3/16	193-7/16	232-3/4	28	8	7	4-1/2	30	6-3/4	26-1/2	4-1/8	26-1/2	1	2	4-1/2	5-3/4	20	19
3-IBT.800-400-400-G18	228	57-3/4	54-3/8	57-1/16	56-3/8	51-13/16	5-1/4	51-5/8	10-3/4	50-1/8	84	35	133	151-3/16	193-7/16	232-3/4	28	8	7	4-1/2	30	6-3/4	26-1/2	4-1/8	26-1/2	1	2	4-1/2	5-3/4	20	19

UNIT INFORMATION

MODEL	BTU RANGE (MBH)***			TURNDOWN RATIO	COMBUSTION EFFICIENCY****	GAS PRESSURE*****		STANDARD EVAPORATIVE COOLING UNIT					CELDEK EVAPORATIVE COOLING UNIT				
	BURNER INPUT	BTU LOW	BTU HIGH			MIN	MAX	TOT. WEIGHT	MEDIA SIZE & QTY	VEL. @ MAX. CFM	NOZZLES	MAX. FLOW RATE	TOT. WEIGHT	MEDIA SIZE & QTY	VEL. @ MAX. CFM	NOZZLES	MAX. FLOW RATE
1-IBT.150-G10	150	20	120	6	80.0%	7" WC	14" WC	1457 LBS	20"x25"x2" (3)	406 FPM	6	3 GPH	1462 LBS	20"x24"x12"	1050 FPM	12	3.9 GPH
1-IBT.200-G10	200	26.7	160	6	80.0%	7" WC	14" WC	1487 LBS	20"x25"x2" (3)	406 FPM	6	3 GPH	1492 LBS	20"x24"x12"	1050 FPM	12	3.9 GPH
1-IBT.300-150-150-G10	300	20	240	12	80.0%	7" WC	14" WC	1542 LBS	20"x25"x2" (3)	406 FPM	6	3 GPH	1547 LBS	20"x24"x12"	1050 FPM	12	3.9 GPH
1-IBT.400-200-200-G10	400	26.7	320	12	80.0%	7" WC	14" WC	1616 LBS	20"x25"x2" (3)	406 FPM	6	3 GPH	1621 LBS	20"x24"x12"	1050 FPM	12	3.9 GPH
2-IBT.200-G15	200	26.7	160	6	80.0%	7" WC	14" WC	1850 LBS	16"x20"x2" (8)	429 FPM	10	5 GPH	1845 LBS	25"x32"x12"	1080 FPM	20	6.5 GPH
2-IBT.300-G15	300	40	240	6	80.0%	7" WC	14" WC	1942 LBS	16"x20"x2" (8)	429 FPM	10	5 GPH	1937 LBS	25"x32"x12"	1080 FPM	20	6.5 GPH
2-IBT.400-G15	400	53.3	320	6	80.0%	7" WC	14" WC	2021 LBS	16"x20"x2" (8)	429 FPM	10	5 GPH	2016 LBS	25"x32"x12"	1080 FPM	20	6.5 GPH
2-IBT.400-200-200-G15	400	26.7	320	12	80.0%	7" WC	14" WC	1909 LBS	16"x20"x2" (8)	429 FPM	10	5 GPH	1904 LBS	25"x32"x12"	1080 FPM	20	6.5 GPH
2-IBT.600-300-300-G15	600	40	480	12	80.0%	7" WC	14" WC	2063 LBS	16"x20"x2" (8)	429 FPM	10	5 GPH	2058 LBS	25"x32"x12"	1080 FPM	20	6.5 GPH
2-IBT.800-400-400-G15	800	53.3	640	12	80.0%	7" WC	14" WC	2176 LBS	16"x20"x2" (8)	429 FPM	10	5 GPH	2171 LBS	25"x32"x12"	1080 FPM	20	6.5 GPH
3-IBT.400-G18	400	53.3	320	6	80.0%	7" WC	14" WC	2567 LBS	20"x25"x2" (8)	348 FPM	14	7 GPH	2557 LBS	30"x36"x12"	1067 FPM	28	8.4 GPH
3-IBT.600-300-300-G18	600	40	480	12	80.0%	7" WC	14" WC	2685 LBS	20"x25"x2" (8)	348 FPM	14	7 GPH	2675 LBS	30"x36"x12"	1067 FPM	28	8.4 GPH
3-IBT.800-400-400-G18	800	53.3	640	12	80.0%	7" WC	14" WC	2823 LBS	20"x25"x2" (8)	348 FPM	14	7 GPH	2813 LBS	30"x36"x12"	1067 FPM	28	8.4 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
UNIT INFORMATION

****** 9 INCH HIGH EXHAUST ADAPTER

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	2.5TON	32-13/16	62-9/16	58-7/8
5 TON-G15	197 LBS	5 TON	N/A	32-13/16	69-9/16	65-7/8
7.5 TON-G15	348 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

	OPTIONAL MIXING BOX FILTERS
MODEL	FILTER SIZE & QTY
G10	10"x16"x2" (5)
G15	20"x25"x2" (2), 16"x25"x2" (1)
G18	15"x20"x2" (4), 15"x15"x2" (2)