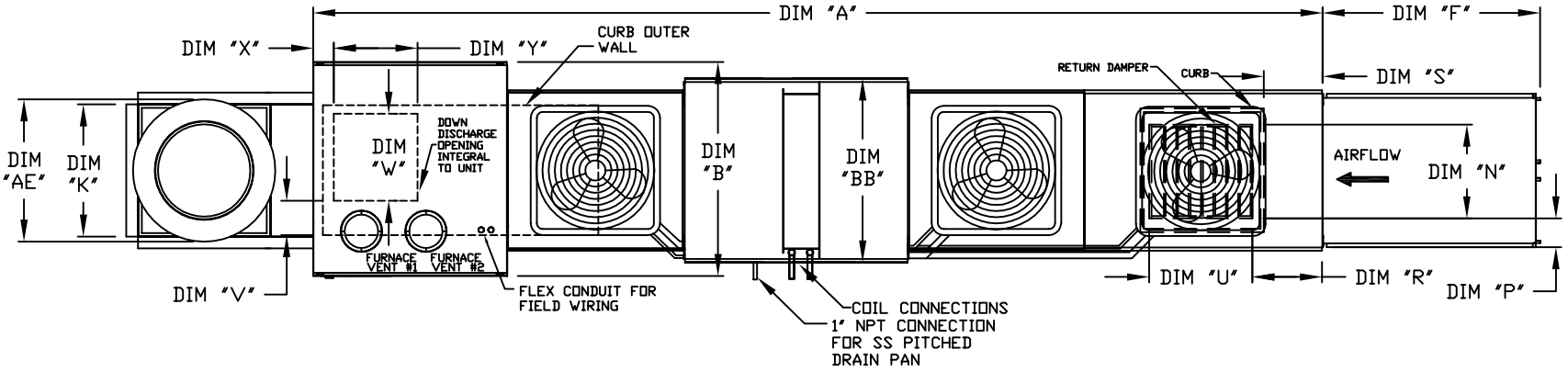
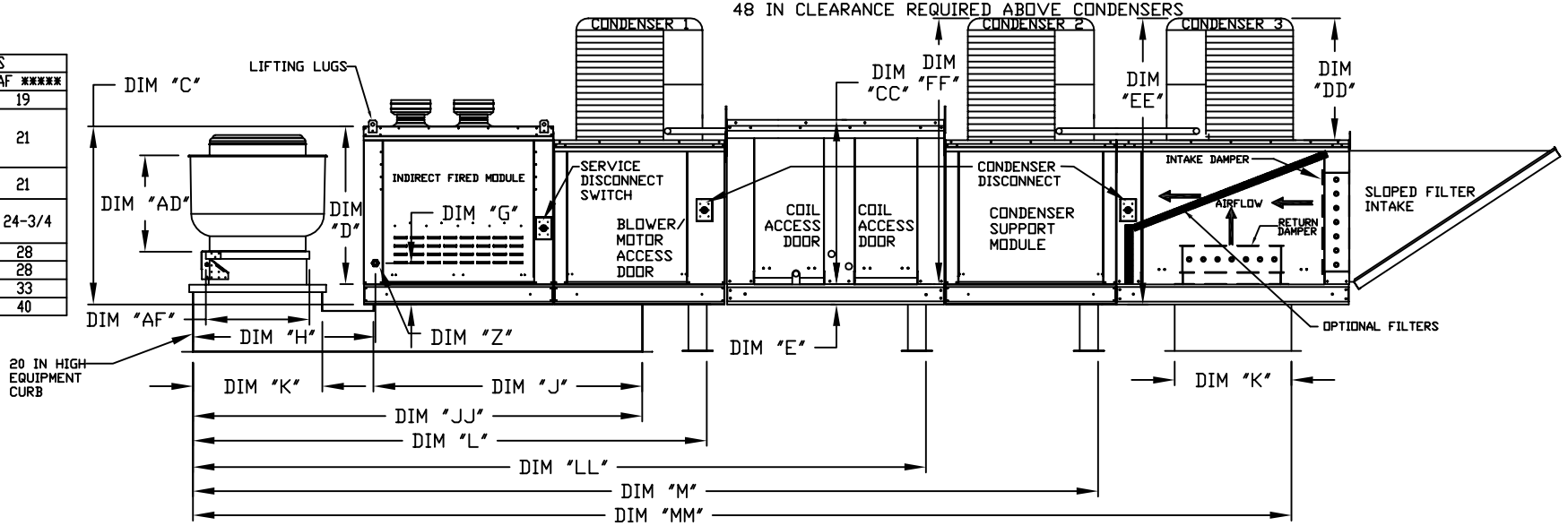
MODULAR OUTDOOR DOWN DISCHARGE IBT HEATER ROOF TOP PACKAGE WITH COOLING COIL, MIXING BOX AND INTAKE HOOD



48 IN CLEARANCE REQUIRED ABOVE CONDENSERS



MAX. ROOF OPENING 2" SMALLER THAN CURB OUTSIDE DIMENSION

EXHAUST UNIT DIMENSIONS			
MODEL #	AD	AE	AF *****
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	WEIGHT (LBS.)	UNIT DIMENSIONS																	MIXING BOX OPENING					DOWN DISCHARGE OPENING				GAS CONNECTION	# OF FURNACES
		A	B	BB	C	CC	D	E	F	G	H	J	K	JJ	L	LL	M	MM	N	P	R	S	U	V	W	X	Y	"Z" (NPT)	
3-IBT.400-G18	2337	231-7/8	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	235-9/16	274-7/8	28	8	7	4-1/2	30	6-3/4	26-1/2	4-1/8	26-1/2	1	1
3-IBT.600-300-300-G18	2455	231-7/8	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	235-9/16	274-7/8	28	8	7	4-1/2	30	6-3/4	26-1/2	4-1/8	26-1/2	1	2
3-IBT.800-400-400-G18	2593	231-7/8	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	235-9/16	274-7/8	28	8	7	4-1/2	30	6-3/4	26-1/2	4-1/8	26-1/2	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

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)

* ADD CONDENSING UNIT WEIGHT TO WEIGHT IN TABLE ABOVE

** 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