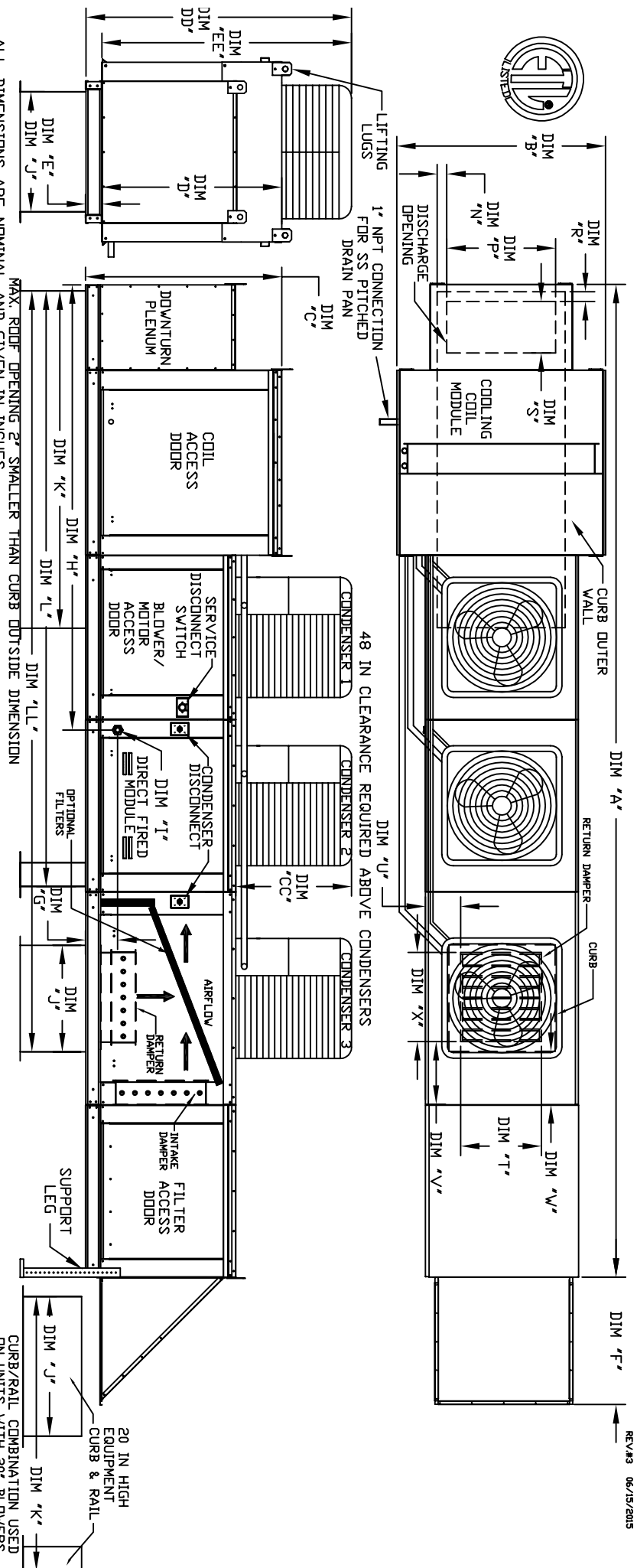


MODULAR OUTDOOR DOWN DISCHARGE DIRECT FIRED RECIRCULATING HEATER WITH COOLING, V-BANK AND SCREEN INTAKE

STV/BNDP-SAMCOP-4PU-15
REV. A/3 06/15/2015



MAX. ROOF OPENING 2" SMALLER THAN CURB DOT-SIDE DIMENSION

UNIT INFORMATION

MODEL	WEIGHT	A	B	C	D	E	F	G	H	J	K	L	LL	N	P	R	S	T	U	V	W	X
D.500-G18	2020 LBS	234-1/2	54-3/8	56-3/8	51-1/8	5-1/4	34-3/16	9-1/2	114-7/16	35	84	150-5/8	190-1/16	6-5/16	22-3/8	1-1/2	18	28	8	7	4-1/2	30
D.750-G18	2025 LBS	234-1/2	54-3/8	56-3/8	51-1/8	5-1/4	34-3/16	9-1/2	114-7/16	35	84	150-5/8	190-1/16	6-5/16	22-3/8	1-1/2	18	28	8	7	4-1/2	30
D.1000-G18	2030 LBS	234-1/2	54-3/8	56-3/8	51-1/8	5-1/4	34-3/16	9-1/2	114-7/16	35	84	150-5/8	190-1/16	6-5/16	22-3/8	1-1/2	18	28	8	7	4-1/2	30
D.1000-920	3205 LBS	292-7/8	60-7/16	64-3/8	59-1/8	5-1/4	47-1/4	13-9/16	151	42	115-3/16	199-7/8	247-7/8	5-1/4	31-1/2	1-13/16	23-1/2	33	10	11	8	36
D.1500-920	3220 LBS	292-7/8	60-7/16	64-3/8	59-1/8	5-1/4	47-1/4	13-9/16	151	42	115-3/16	199-7/8	247-7/8	5-1/4	31-1/2	1-13/16	23-1/2	33	10	11	8	36

ALL DIMENSIONS ARE NOMINAL AND GIVEN IN INCHES.

CONDENSER INFORMATION

MODEL	WEIGHT	TONNAGE			BTU RANGE (MBH)		GAS PRESSURE (GAS CONNECTION)		TONNAGE		FILTER SIZE & QTY		FILTRER VELOCITY		OPTIONAL MIXING BOX FILTERS		
		#1	#2	#3	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	
D.500-G18	12				18	550	7" WC	14" WC	15 Ton	15 Ton	20"x25"x2" (8)	8000 CFM	348 FPM	15"x20"x2" (4)	15"x15"x2" (2)		
D.750-G18	14				27.5	825	7" WC	14" WC	15 Ton	15 Ton	20"x25"x2" (8)	8000 CFM	348 FPM	15"x20"x2" (4)	15"x15"x2" (2)		
D.1000-G18	18				36.6	1100	7" WC	14" WC	15 Ton	15 Ton	20"x25"x2" (8)	8000 CFM	348 FPM	15"x20"x2" (4)	15"x15"x2" (2)		
D.1000-920	24				36.6	1100	7" WC	5 PSI	15 Ton	15 Ton	16"x20"x2" (15)	13000 CFM	495 FPM	18"x25"x2" (4)	16"x20"x2" (2)		
D.1500-920	30				45.8	1375	7" WC	5 PSI	15 Ton	15 Ton	16"x20"x2" (15)	13000 CFM	495 FPM	18"x25"x2" (4)	16"x20"x2" (2)		

UNIT INFORMATION

CONDENSER INFORMATION

MODEL	WEIGHT	TONNAGE	CC	DD	EE
15 TON-G18	15 LBS	5 TON	5 TON	5 TON	7-8
15 TON-920	15 LBS	5 TON	5 TON	5 TON	7-8
R410A REFRIGERANT					

Application:
Direct fired burner profile plates are engineered to automatically react to the momentum of a fresh air stream, without the need for any motors or actuators to mechanically adjust them. When this feature, all DF units are designed for demand control ventilation (DCV) requirements.

General Construction:
Profile plates shall be formed from G90 galvanized steel.
Profile plates shall vary in size per unit.
Profile plates shall be mounted along the same plane as the discharge of the burner.
Design shall incorporate properly torqued, permanently mounted spring hinges.

Direct Fired (DF) Profile Plate Assembly