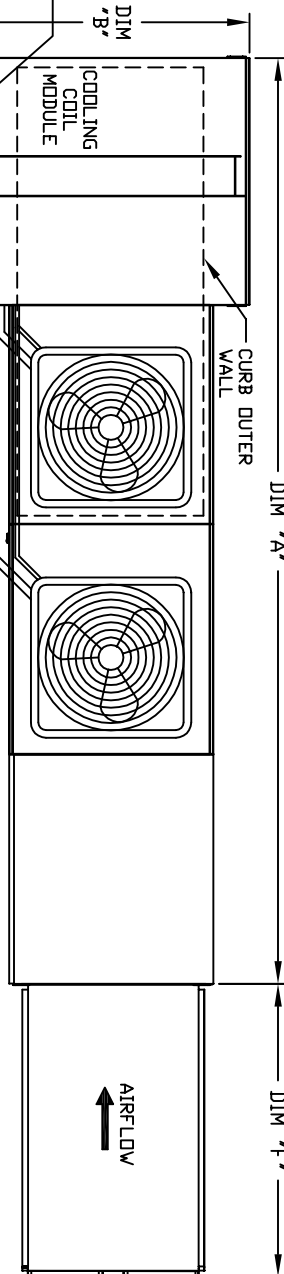




MODULAR OUTDOOR SIDE DISCHARGE DIRECT FIRED HEATER PACKAGED UNIT WITH COOLING, V-BANK AND INTAKE HOOD

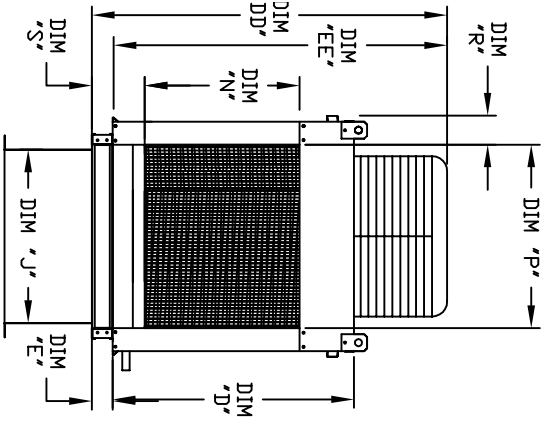
INVERT SAHCC-MPU  
REV#8 06/15/2015



1" NPT CONNECTION FOR SS PITCHED DRAIN PAN

48 IN CLEARANCE REQUIRED ABOVE CONDENSERS

MODEL	WEIGHT#	CONDENSER INFORMATION		CC	DD	EE
		#1	#2			
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
4 TON-G10	153 LBS	4 TON	N/A	39-1/16	69-1/16	65-7/8
5 TON-G10	177 LBS	5 TON	N/A	45-1/16	75-1/16	71-1/2
7.5 TON-G15	197 LBS	5 TON	N/A	52-1/16	82-1/16	78-1/2
8 TON-G15	331 LBS	3 TON	N/A	32-13/16	69-9/16	65-7/8
10 TON-G15	394 LBS	5 TON	N/A	38-1/16	71-1/16	68
10 TON-G18	394 LBS	5 TON	N/A	32-13/16	69-9/16	65-7/8
10 TON-G18	394 LBS	5 TON	N/A	32-13/16	76-3/16	70-7/8
10 TON-G20	394 LBS	5 TON	N/A	32-13/16	97-3/16	91-15/16



MAX ROOF OPENING 2" SMALLER THAN CURB OUTSIDE DIMENSION

20 IN HIGH EQUIPMENT CURB

20 IN HIGH EQUIPMENT CURB & RAIL

COMBINATION USED ON UNITS WITH 20" BLOWERS

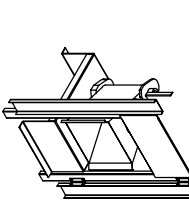
MODEL	WEIGHT#	UNIT DIMENSIONS													CURB/RAIL	DISCHARGE OPENING	P	R	S
		A	B	C	D	E	F	G	H	I	J	K	L	M					
D250-G10	1045 LBS	148-7/8	39-3/8	42-3/4	39	3-3/4	44-3/8	7-13/16	77-1/16	21	71	113-1/4	17-1/2	16	11	5-3/4			
D500-G10	1050 LBS	148-7/8	39-3/8	42-3/4	39	3-3/4	44-3/8	7-13/16	77-1/16	21	71	113-1/4	17-1/2	16	11	5-3/4			
D750-G15	1403 LBS	156-1/8	49-3/8	47-3/4	44	3-3/4	53-5/8	7-13/16	85-1/16	31	79	121-1/4	22-3/4	12-5/8	5-3/4	3-3/4			
D500-G15	1410 LBS	156-1/8	49-3/8	47-3/4	44	3-3/4	53-5/8	7-13/16	85-1/16	31	79	121-1/4	22-3/4	12-5/8	5-3/4	3-3/4			
D750-G18	1415 LBS	156-1/8	49-3/8	47-3/4	44	3-3/4	53-5/8	7-13/16	85-1/16	31	79	121-1/4	22-3/4	12-5/8	5-3/4	3-3/4			
D500-G18	1445 LBS	156-1/8	49-3/8	47-3/4	44	3-3/4	53-5/8	7-13/16	85-1/16	31	79	121-1/4	22-3/4	12-5/8	5-3/4	3-3/4			
D750-G18	1645 LBS	167-7/8	54-3/8	56-3/8	51-1/8	5-1/4	51-5/8	9-1/2	90-1/16	35	84	126-1/4	29-5/8	30	11-1/2	7-3/8			
D1000-G18	1650 LBS	167-7/8	54-3/8	56-3/8	51-1/8	5-1/4	51-5/8	9-1/2	90-1/16	35	84	126-1/4	29-5/8	30	11-1/2	7-3/8			
D1000-G20	2650 LBS	208-3/16	60-7/16	64-3/8	59-1/8	5-1/4	76-3/8	13-9/16	120-5/8	42	115-3/16	169-1/2	36-3/4	34	12-1/2	7-3/8			
D1500-G20	2665 LBS	208-3/16	60-7/16	64-3/8	59-1/8	5-1/4	76-3/8	13-9/16	120-5/8	42	115-3/16	169-1/2	36-3/4	34	12-1/2	7-3/8			

ALL DIMENSIONS ARE NOMINAL AND GIVEN IN INCHES.

MAX ROOF OPENING 2" SMALLER THAN CURB OUTSIDE DIMENSION

20 IN HIGH EQUIPMENT CURB & RAIL

COMBINATION USED ON UNITS WITH 20" BLOWERS



Direct Fired (DF) Profile Plate Assembly

MODEL	BURNER LENGTH	BTU RANGE (KBH)	GAS PRESSURE		GAS CONNECTION	TONNAGE RANGE	FILTER SIZE & QTY		MAX. FILTER VELOCITY
			MIN	MAX			#1	#2	
D250-G10	6"	18	7" WC	14" WC	3/4"	2 Ton	20"x25"x2" (3)	3	348 FPM
D500-G10	6"	18	7" WC	14" WC	3/4"	5 Ton	20"x25"x2" (3)	3	348 FPM
D750-G15	6"	18	7" WC	14" WC	3/4"	10 Ton	16"x20"x2" (8)	8	428 FPM
D500-G15	6"	18	7" WC	14" WC	3/4"	10 Ton	16"x20"x2" (8)	8	428 FPM
D750-G18	12"	18	7" WC	14" WC	3/4"	10 Ton	16"x20"x2" (8)	8	428 FPM
D500-G18	12"	18	7" WC	14" WC	3/4"	10 Ton	16"x20"x2" (8)	8	428 FPM
D750-G18	18"	27.5	7" WC	14" WC	3/4"	10 Ton	16"x20"x2" (8)	8	428 FPM
D500-G18	18"	27.5	7" WC	14" WC	3/4"	10 Ton	16"x20"x2" (8)	8	428 FPM
D1000-G18	24"	36.6	7" WC	14" WC	1"	10 Ton	20"x25"x2" (8)	8	348 FPM
D1000-G20	24"	36.6	7" WC	14" WC	1"	10 Ton	20"x25"x2" (8)	8	348 FPM
D1500-G20	30"	45.8	7" WC	5" PSI	1-1/4"	10 Ton	16"x20"x2" (15)	15	495 FPM

**Direct Fired Profile Plate Specifications**  
 Direct fired burners shall have patented US Patent No. US6629282B2, self-adjusting profile plates designed to ensure proper air velocity and pressure drop across the burner. Profile plates shall allow burners to achieve air velocity and pressure drop across the burner. Profile plates shall be made of carbon manganese (CMN) and shall be of the design shown (NBS).  
 Installation:  
 Installation of 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 the plates. The burner profile plates are designed for demand control ventilation (DCV) requirements. All profile plate assemblies shall be included in the DF unit's ETL listing and comply with combine safety standards ANSI Z83.4 and CSA 37 over-recirculating DF heaters and ANSI Z83.18 recirculating DF heaters.  
**General Construction**  
 Profile plates shall be formed from G90 galvanized steel.  
 Profile plates shall be mounted along the same plane as the discharge of the burner.  
 Design shall incorporate proper torque, permanently mounted spring hinges.