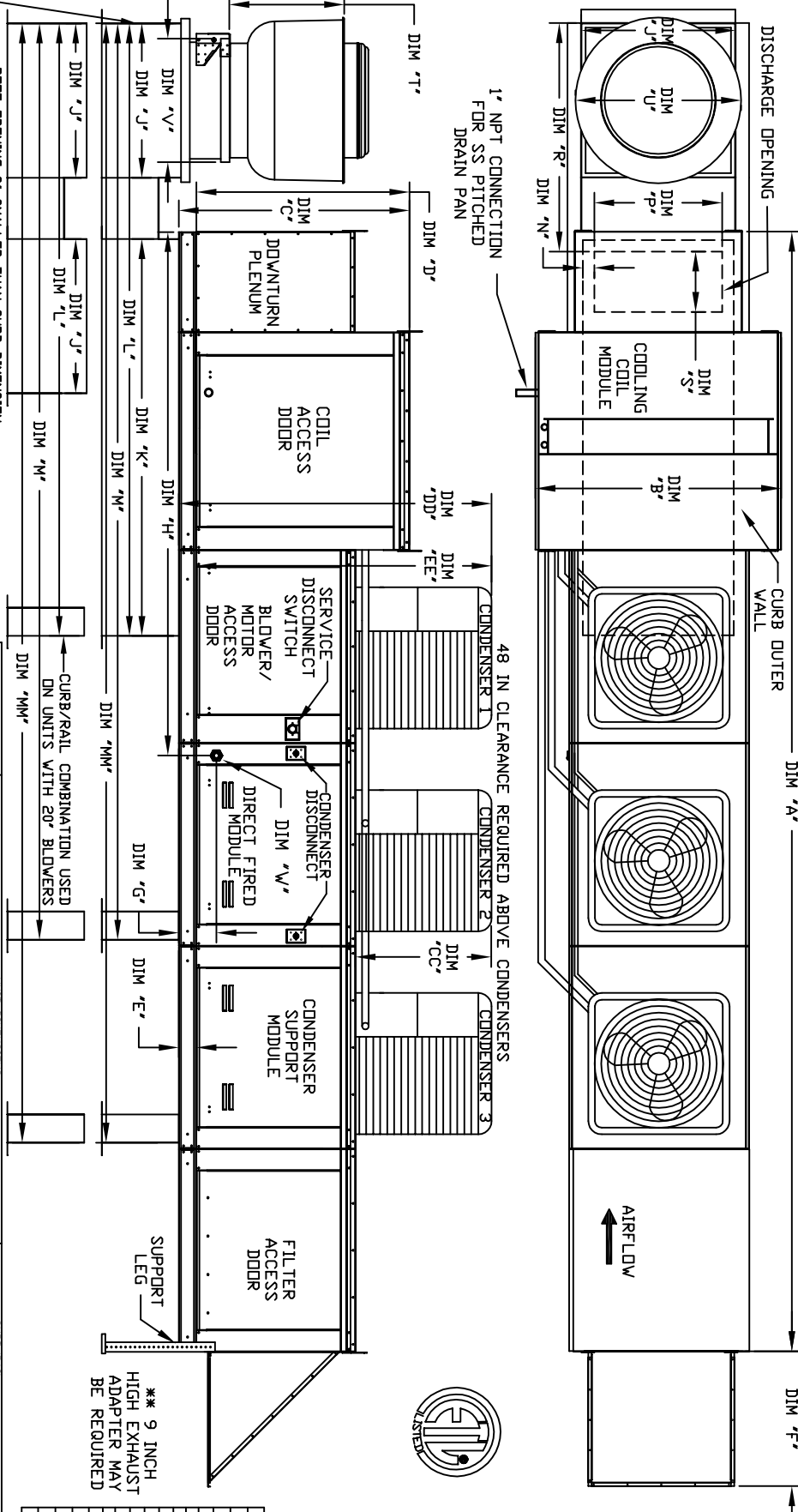


MODULAR OUTDOOR DOWN DISCHARGE DIRECT FIRED HEATER-ROOF TOP PACKAGE WITH COOLING, V-BANK AND SCREEN INTAKE

SY/BDF34ACQDPRTR-HPU-15
REV. #4 06/15/2015



EXHAUST UNIT	DIMENSIONS	V *
BDU1	14-1/2" x 22"	19"
BDU2	18-1/2" x 27-1/4"	21"
BDU3	21-1/2" x 30-1/4"	21"
BDU4	23-1/2" x 33-3/4"	24-3/4"
BDU5	29-1/2" x 39-7/8"	28"
BDU6	30-5/8" x 43-3/8"	33"
BDU7	33-1/2" x 52-3/4"	40"

Direct Fired Profile Plate Specifications:
 Direct fired burners shall have patented US Patent No. US6629332B2, self-adjusting profile plates designed to ensure proper air velocity and pressure drop across the burner. Profile plates shall be fabricated from 304 stainless steel and shall be attached to a metal support structure of carbon monoxide (CO) and nitrogen dioxide (NO2).
 Application:
 Spring-loaded 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. With this feature, all DF units are designed for demand control ventilation (DCV) requirements.
Certifications:
 All profile plate assemblies shall be included in the DF unit's ETL listing and comply with combined safety standards ANSI Z83.4 and CSA 37 Over-Recirculating DF Heaters and ANSI Z83.1B General Construction.
General Construction:
 Profile plates shall be formed from 60A galvanized steel.
 Profile plates shall be mounted along the same plane as the discharge of the burner.
 Design hinges shall incorporate properly torqued, permanently mounted spring hinges.
 Spring hinges shall be made from plated steel.

ROOF OPENING 2" SMALLER THAN CURB DIMENSION

48" IN CLEARANCE REQUIRED ABOVE CONDENSERS

UNIT INFORMATION

MODEL	WEIGHT*	UNIT DIMENSIONS										CURB/RAIL		DISCHARGE OPENING				
		A	B	C	D	E	F	G	H	J	K	L	M	N	P	S		
D1500-G18	1750 LBS	234-1/2"	54-3/8"	56-3/8"	51-1/8"	51-1/4"	34-3/16"	9-1/2"	114-7/16"	35"	84"	133"	199-5/8"	241-7/8"	6-5/16"	22-3/8"	49-1/2"	18"
D1750-G18	1755 LBS	234-1/2"	54-3/8"	56-3/8"	51-1/8"	51-1/4"	34-3/16"	9-1/2"	114-7/16"	35"	84"	133"	199-5/8"	241-7/8"	6-5/16"	22-3/8"	49-1/2"	18"
D1000-G18	1760 LBS	234-1/2"	54-3/8"	56-3/8"	51-1/8"	51-1/4"	34-3/16"	9-1/2"	114-7/16"	35"	84"	133"	199-5/8"	241-7/8"	6-5/16"	22-3/8"	49-1/2"	18"
D1000-920	2745 LBS	292-7/8"	60-7/16"	64-3/8"	59-1/8"	51-1/4"	47-1/4"	13-9/16"	151"	42"	115-3/16"	171-3/16"	255-7/8"	310-3/16"	5-1/4"	31-1/2"	56-13/16"	23-1/2"
D1500-920	2760 LBS	292-7/8"	60-7/16"	64-3/8"	59-1/8"	51-1/4"	47-1/4"	13-9/16"	151"	42"	115-3/16"	171-3/16"	255-7/8"	310-3/16"	5-1/4"	31-1/2"	56-13/16"	23-1/2"

MINIMUM CURB DIMENSION

MODEL	WEIGHT*	TONNAGE			CC	DD	EE
		#1	#2	#3			
D1500-G18	1750 LBS	5 TON	5 TON	5 TON	32-13/16"	76-3/216"	70-7/8"
D1750-G18	1755 LBS	5 TON	5 TON	5 TON	32-13/16"	76-3/216"	70-7/8"
D1000-G18	1760 LBS	5 TON	5 TON	5 TON	32-13/16"	76-3/216"	70-7/8"
D1000-920	2745 LBS	15 TON	15 TON	15 TON	32-13/16"	97-3/216"	91-15/16"
D1500-920	2760 LBS	15 TON	15 TON	15 TON	32-13/16"	97-3/216"	91-15/16"

MAX. ROOF OPENING 2" SMALLER THAN CURB OUTSIDE DIMENSION
 ALL DIMENSIONS ARE NOMINAL AND GIVEN IN INCHES.