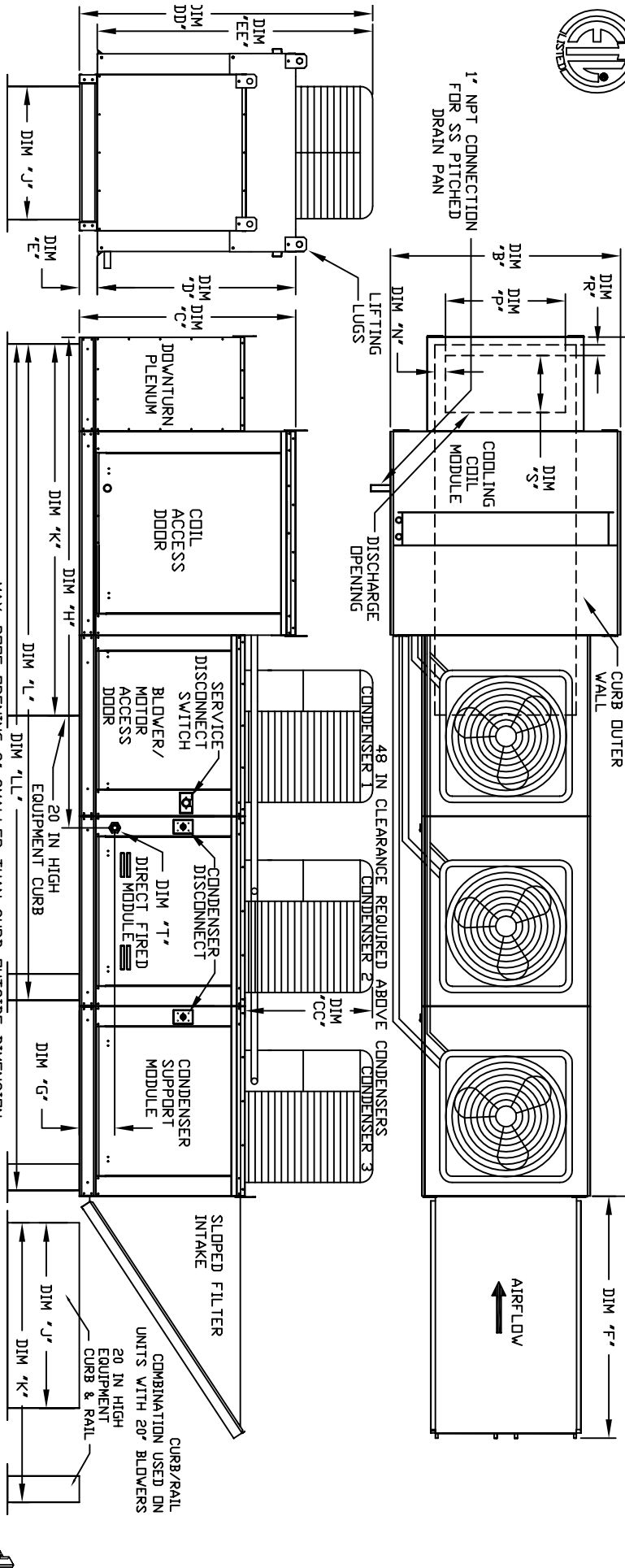




MODULAR OUTDOOR DOWN DISCHARGE DIRECT FIRED HEATER PACKAGED UNIT WITH COOLING AND INTAKE HOOD

HPS344COR-40-15
REV. 04/15/2015



ALL DIMENSIONS ARE NOMINAL AND GIVEN IN INCHES.

MODEL	WEIGHT*	UNIT DIMENSIONS										CURB/RAIL			DISCHARGE OPENING		
		A	B	C	D	E	F	G	H	J	K	L	LL	N	P	R	S
D1500-G18	1625 LBS	196-1/4	54-3/8	56-3/8	51-1/8	5-1/4	51-5/8	9-1/2	114-7/16	35	84	150-5/8	198-7/8	3-9/16	13-7/8	1-13/16	11-1/2
D1750-G18	1630 LBS	196-1/4	54-3/8	56-3/8	51-1/8	5-1/4	51-5/8	9-1/2	114-7/16	35	84	150-5/8	198-7/8	3-9/16	13-7/8	1-13/16	11-1/2
D11000-G18	1635 LBS	196-1/4	54-3/8	56-3/8	51-1/8	5-1/4	51-5/8	9-1/2	114-7/16	35	84	150-5/8	198-7/8	3-9/16	13-7/8	1-13/16	11-1/2
D11000-920	2660 LBS	257-1/2	60-7/16	64-3/8	59-1/8	5-1/4	76-3/8	13-9/16	151	42	115-3/16	199-7/8	254-1/8	5-1/4	31-1/2	1-13/16	23-1/2
D1500-920	2635 LBS	257-1/2	60-7/16	64-3/8	59-1/8	5-1/4	76-3/8	13-9/16	151	42	115-3/16	199-7/8	254-1/8	5-1/4	31-1/2	1-13/16	23-1/2

UNIT INFORMATION:

MODEL	BURNER LENGTH	BTU RANGE (MBH)	BTU LOW	BTU HIGH	GAS PRESSURE MIN	GAS PRESSURE MAX	GAS CONNECTION	TONNAGE RANGE MIN	TONNAGE RANGE MAX	FILTER SIZE & QTY	MAX. FILTER VELOCITY
D1500-G18	18"	550	7" WC	14" WC	15 TON	15 TON	1/2" (NPT)	15 TON	15 TON	16"x20"x2" (6)	8800 CFM = 762 FPM
D1750-G18	18"	825	7" WC	14" WC	15 TON	15 TON	1/2" (NPT)	15 TON	15 TON	16"x20"x2" (6)	8800 CFM = 762 FPM
D11000-G18	24"	1100	7" WC	14" WC	15 TON	15 TON	1/2" (NPT)	15 TON	15 TON	16"x20"x2" (6)	8800 CFM = 762 FPM
D11000-920	24"	1100	7" WC	14" WC	15 TON	15 TON	1/2" (NPT)	15 TON	15 TON	16"x20"x2" (10)	13000 CFM = 743 FPM
D1500-920	30"	458	7" WC	5 PSI	15 TON	15 TON	1/2" (NPT)	15 TON	15 TON	16"x20"x2" (10)	13000 CFM = 743 FPM

CONDENSER INFORMATION:

MODEL	WEIGHT*	#1	#2	#3	CC	DD	EE
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

Direct Fired Profile Plate Specifications:

Direct Fired Profile Plate Assembly:

Direct fired burners shall have patented US Patent No. US6629232B2, self-adjusting profile plates designed to ensure proper air velocity and pressure drop across the burner. Profile plates shall be mounted on a burner support structure. The burner support structure shall be a medium of spun carbon monoxide (CO) and oxygen (O2) and nitrogen dioxide (NO2).

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 the air flow. With this feature, all DF units are designed for demand control ventilation (DCV) requirements.

Definitions:

All profile plate assemblies shall be included in the DF unit's ETL listing and comply with combine safety standards ANSI Z89.4 and CSA S7 (non-retracting DF heaters) and ANSI Z89.3 (retracting 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 properly torqued, permanently mounted spring hinges.