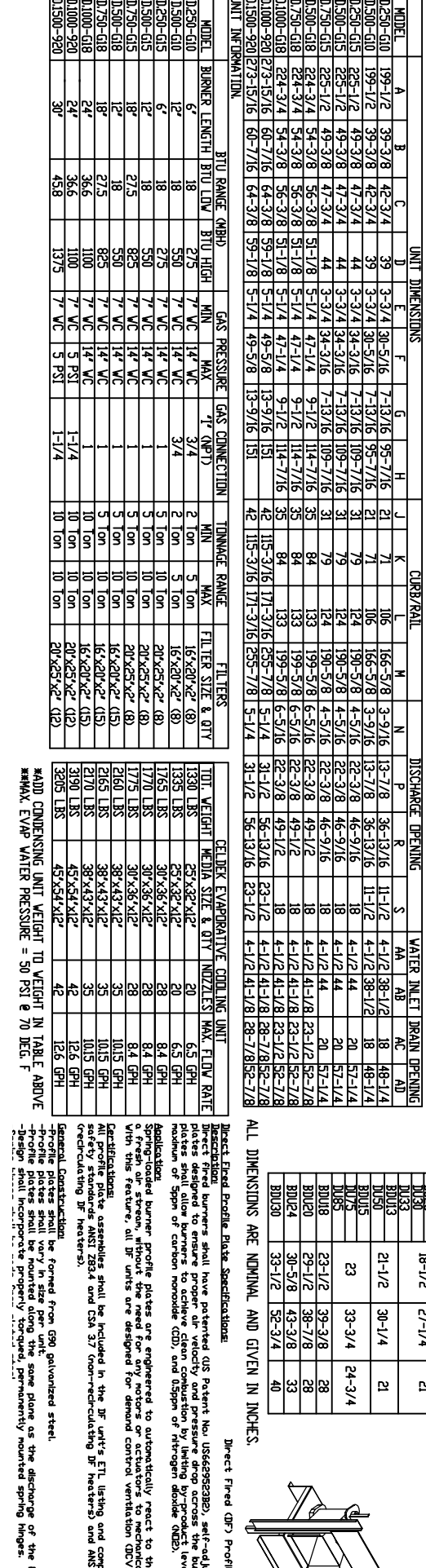
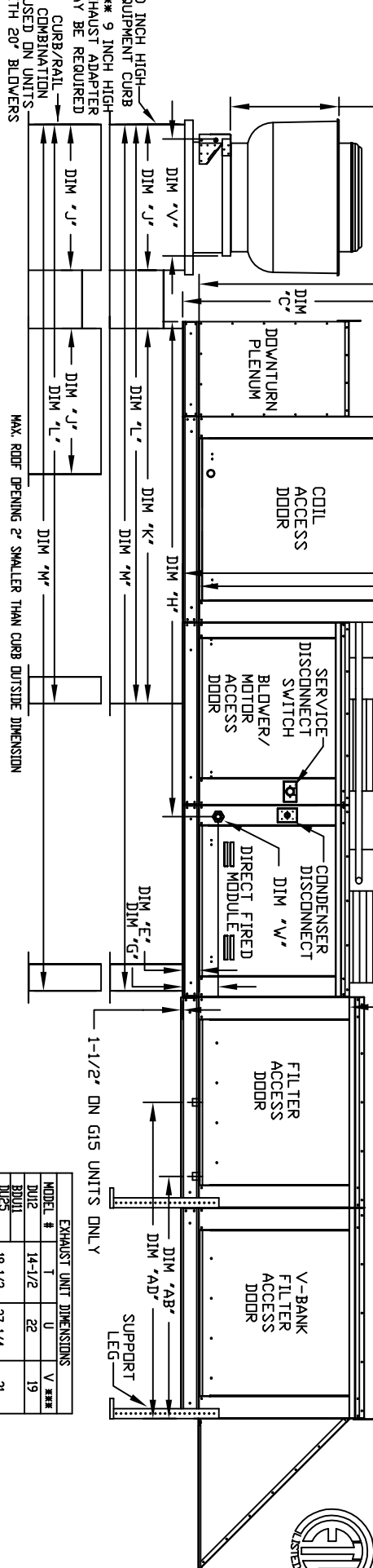
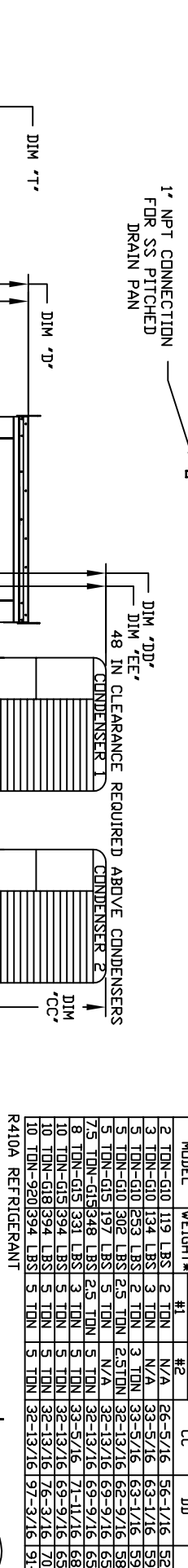
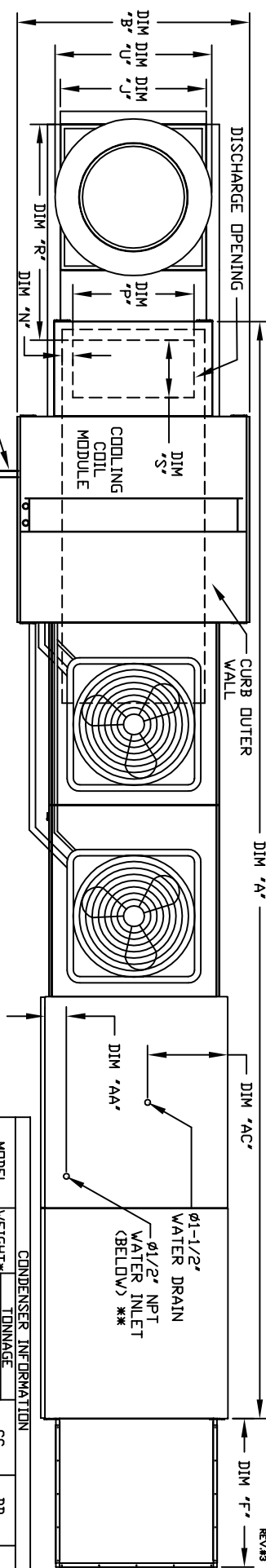


MODULAR OUTDOOR DOWN DISCHARGE DIRECT FIRED HEATER-ROOF TOP PACKAGE WITH COOLING, LPD EVAPORATIVE COOLER INTAKE, V-BANK AND SCREEN INTAKE

SIVAL P/ECR/SAH/CHRRP-4#
REV#49 06/15/2015



CONDENSER INFORMATION

MODEL	WEIGHT #1	TONNAGE #2	CC	DD	EE
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
5 TON-G10 253 LBS	3 TON	3 TON	33-5/16	63-1/16	59-3/8
5 TON-G10 302 LBS	2.5 TON	2.5 TON	32-13/16	62-9/16	58-7/8
5 TON-G10 197 LBS	5 TON	N/A	32-13/16	62-9/16	58-7/8
7.5 TON-G15 348 LBS	2.5 TON	5 TON	32-13/16	62-9/16	58-7/8
8 TON-G15 331 LBS	3 TON	5 TON	33-5/16	71-1/16	68
10 TON-G15 394 LBS	3 TON	5 TON	32-13/16	69-9/16	65-7/8
10 TON-G18 394 LBS	5 TON	5 TON	32-13/16	76-3/16	70-7/8
10 TON-G20 394 LBS	5 TON	5 TON	32-13/16	97-3/16	91-15/16

EXHAUST UNIT DIMENSIONS

MODEL #	T	U	V ***
BU12	14-1/2	22	19
BU18	18-1/2	27-1/4	21
BU23	21-1/2	30-1/4	21
BU28	23-1/2	33-3/4	24-3/4
BU33	29-1/2	38-7/8	28
BU38	30-5/8	43-3/8	33
BU43	33-1/2	52-3/4	40

ALL DIMENSIONS ARE MINIMAL AND GIVEN IN INCHES.

Direct Fired (DF) Profile Plate Assembly:

Description: Direct fired burners shall have patented QUS Patent No. US6629232B2, self-adjusting profile plates designed to ensure proper velocity and pressure distribution across the burner. Profile plates shall be fabricated from 304 stainless steel and shall be finished with a minimum of 50ppm of carbon monoxide (CO), and 50ppm of 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.

Identification: All profile plate assemblies shall be included in the DF unit's ETL listing and comply with combined UL 181 and UL 182 and CSA 5.7 (non-retracting DF heaters) and ANSI Z83.18 (retracting DF heaters).

General Construction: The burner frame shall be formed from 6061 aluminum extrusion. Profile plates shall be formed from 304 stainless 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.

UNIT DIMENSIONS

MODEL	A	B	C	D	E	F	G	H	J	K	L	M	N	P	R	S	AA	AB	AD
D250-G10 199-1/2	39-3/8	42-3/4	39	3-3/4	30-5/16	7-13/16	95-7/16	21	71	106	166-5/8	3-9/16	13-7/8	36-13/16	11-1/2	4-1/2	38-1/2	18	48-1/4
D500-G10 199-1/2	39-3/8	42-3/4	39	3-3/4	30-5/16	7-13/16	95-7/16	21	71	106	166-5/8	3-9/16	13-7/8	36-13/16	11-1/2	4-1/2	38-1/2	18	48-1/4
D250-G15 225-1/2	49-3/8	47-3/4	44	3-3/4	34-3/16	7-13/16	109-7/16	31	79	124	190-5/8	4-5/16	18	45-9/16	18	4-1/2	44	20	57-1/4
D500-G15 225-1/2	49-3/8	47-3/4	44	3-3/4	34-3/16	7-13/16	109-7/16	31	79	124	190-5/8	4-5/16	18	45-9/16	18	4-1/2	44	20	57-1/4
D750-G15 225-1/2	49-3/8	47-3/4	44	3-3/4	34-3/16	7-13/16	109-7/16	31	79	124	190-5/8	4-5/16	18	45-9/16	18	4-1/2	44	20	57-1/4
D750-G18 224-3/4	54-3/8	56-3/8	51-1/8	5-1/4	47-1/4	9-1/2	114-7/16	35	84	133	199-5/8	6-5/16	22-3/8	49-1/2	18	4-1/2	41-1/8	23-1/2	52-7/8
D1000-G18 224-3/4	54-3/8	56-3/8	51-1/8	5-1/4	47-1/4	9-1/2	114-7/16	35	84	133	199-5/8	6-5/16	22-3/8	49-1/2	18	4-1/2	41-1/8	23-1/2	52-7/8
D1500-G20 223-15/16	60-7/16	64-3/8	59-1/8	5-1/4	49-5/8	13-9/16	151	42	115-3/16	171-3/16	255-7/8	5-1/4	31-1/2	56-13/16	23-1/2	4-1/2	41-1/8	28-7/8	52-7/8
D1500-G20 223-15/16	60-7/16	64-3/8	59-1/8	5-1/4	49-5/8	13-9/16	151	42	115-3/16	171-3/16	255-7/8	5-1/4	31-1/2	56-13/16	23-1/2	4-1/2	41-1/8	28-7/8	52-7/8

UNIT INFORMATION

MODEL	BURNER LENGTH	BTU LOW	BTU HIGH	GAS PRESSURE	GAS CONNECTION	TONNAGE RANGE	FILTER SIZE & QTY	DELTA EVAPORATIVE COOLING UNIT
D250-G10	6"	18	275	7" VC	1/4" NPT	2 ton	16x20x2" (8)	1330 LBS
D500-G10	6"	18	550	7" VC	1/4" VC	5 ton	20x25x2" (8)	1335 LBS
D750-G15	12"	18	550	7" VC	1/4" VC	5 ton	20x25x2" (8)	1765 LBS
D750-G18	12"	18	825	7" VC	1/4" VC	5 ton	20x25x2" (8)	1770 LBS
D1000-G18	24"	36.6	825	7" VC	1/4" VC	10 ton	16x20x2" (15)	2160 LBS
D1500-G20	30"	45.8	1100	7" VC	5 PSI	10 ton	20x25x2" (12)	3190 LBS

EXHAUST UNIT DIMENSIONS

MODEL #	T	U	V ***
BU12	14-1/2	22	19
BU18	18-1/2	27-1/4	21
BU23	21-1/2	30-1/4	21
BU28	23-1/2	33-3/4	24-3/4
BU33	29-1/2	38-7/8	28
BU38	30-5/8	43-3/8	33
BU43	33-1/2	52-3/4	40

