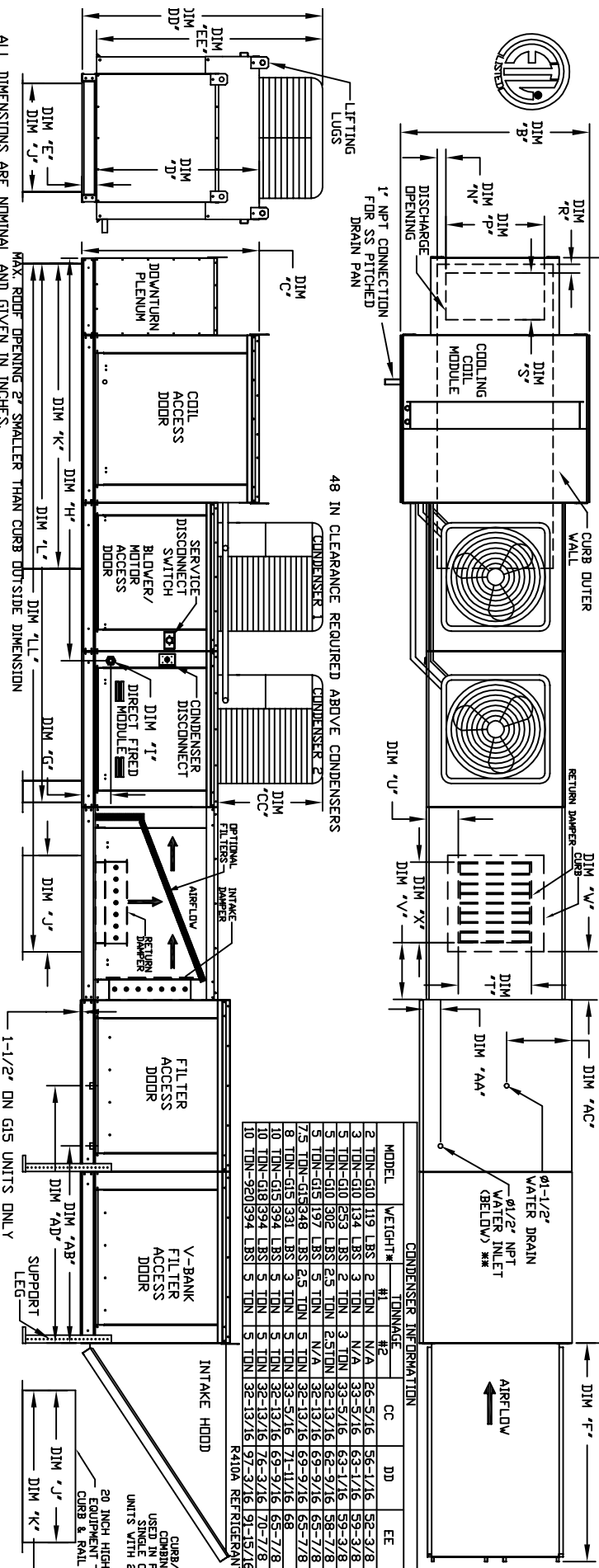


MODULAR OUTDOOR DOWN DISCHARGE DIRECT FIRED RECIRCULATING HEATER WITH COOLING, LPD EVAPORATIVE COOLER INTAKE, V-BANK AND INTAKE HOOD

REVISED 06/25/2003



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
3 TON-G10	134 LBS	3 TON	N/A	33-5/16	63-1/16
5 TON-G10	253 LBS	5 TON	N/A	33-5/16	63-1/16
5 TON-G10	302 LBS	2.5 TON	2.5 TON	32-13/16	62-9/16
5 TON-G15	197 LBS	5 TON	N/A	32-13/16	62-9/16
7.5 TON-G15	348 LBS	2.5 TON	5 TON	32-13/16	62-9/16
8 TON-G15	331 LBS	3 TON	5 TON	33-5/16	71-1/16
10 TON-G15	394 LBS	5 TON	5 TON	32-13/16	62-9/16
10 TON-G18	394 LBS	5 TON	5 TON	32-13/16	70-7/8
10 TON-G20	394 LBS	5 TON	5 TON	32-13/16	91-15/16

R410A REFRIGERANT

ALL DIMENSIONS ARE NOMINAL AND GIVEN IN INCHES.

MAX. ROOF OPENING 2" SMALLER THAN CURB OUTSIDE DIMENSION

48 IN CLEARANCE REQUIRED ABOVE CONDENSERS

MODEL	A	B	C	D	E	F	G	H	J	K	L	N	P	R	S	T	U	V	X	AA	AB	AC	AD	
D1250-G10	241-3/4	339-3/8	422-3/4	39	3-3/4	53-5/8	7-13/16	95-7/16	21	71	131-5/8	163-1/16	3-9/16	13-7/8	11-1/2	14	8	14	18	4-1/2	38-1/2	18	48-1/4	
D1500-G10	241-3/4	339-3/8	422-3/4	39	3-3/4	53-5/8	7-13/16	95-7/16	21	71	131-5/8	163-1/16	3-9/16	13-7/8	11-1/2	14	8	14	18	4-1/2	38-1/2	18	48-1/4	
D1500-G15	267-3/4	449-3/8	477-3/4	44	3-3/4	51-5/8	7-13/16	109-7/16	31	79	145-5/8	182-1/16	4-5/16	22-3/8	11-1/2	18	22-3/4	8	11	24	4-1/2	44	20	57-1/4
D1750-G15	267-3/4	449-3/8	477-3/4	44	3-3/4	51-5/8	7-13/16	109-7/16	31	79	145-5/8	182-1/16	4-5/16	22-3/8	11-1/2	18	22-3/4	8	11	24	4-1/2	44	20	57-1/4
D1750-G18	267	54-3/8	56-3/8	51-1/8	5-1/4	76-3/8	9-1/2	114-7/16	35	84	150-5/8	190-1/16	6-5/16	22-3/8	11-1/2	18	28	8	7	30	4-1/2	41-1/8	23-1/2	52-7/8
D1000-9E0	328-1/4	60-7/16	64-3/8	59-1/8	5-1/4	76-3/8	9-1/2	114-7/16	35	84	150-5/8	190-1/16	6-5/16	22-3/8	11-1/2	18	28	8	7	30	4-1/2	41-1/8	23-1/2	52-7/8
D1500-9E0	328-1/4	60-7/16	64-3/8	59-1/8	5-1/4	76-3/8	9-1/2	114-7/16	35	84	150-5/8	190-1/16	6-5/16	22-3/8	11-1/2	18	28	8	7	30	4-1/2	41-1/8	23-1/2	52-7/8
D1500-9E0	328-1/4	60-7/16	64-3/8	59-1/8	5-1/4	76-3/8	9-1/2	114-7/16	35	84	150-5/8	190-1/16	6-5/16	22-3/8	11-1/2	18	28	8	7	30	4-1/2	41-1/8	23-1/2	52-7/8

UNIT INFORMATION

MODEL	BURNER	BTU RANGE	ORBD	GAS PRESSURE	GAS CONNECTION	TONNAGE RANGE	FILTER SIZE & QTY	CEILING EVAPORATIVE COOLING UNIT
D1250-G10	6"	18	275	7" WC 14" WC	1"	5 TON	1515 LBS 252x22x12"	20
D1500-G10	6"	18	275	7" WC 14" WC	3/4"	5 TON	1520 LBS 252x22x12"	20
D1500-G15	6"	18	275	7" WC 14" WC	3/4"	5 TON	1520 LBS 252x22x12"	20
D1500-G18	6"	18	275	7" WC 14" WC	3/4"	5 TON	1520 LBS 252x22x12"	20
D1750-G15	12"	18	825	7" WC 14" WC	1"	5 TON	2020 LBS 307x36x12"	28
D1750-G18	12"	18	825	7" WC 14" WC	1"	5 TON	2020 LBS 307x36x12"	28
D1000-9E0	24"	36.6	1100	7" WC 14" WC	1"	10 TON	2550 LBS 382x43x12"	35
D1500-9E0	24"	36.6	1100	7" WC 14" WC	1"	10 TON	2550 LBS 382x43x12"	35
D1500-9E0	30"	45.8	1375	7" WC 5 PSI	1-1/4"	10 TON	3775 LBS 452x54x12"	42

OPTIONAL MIXING BOX FILTERS

MODEL	BTU RANGE	ORBD	GAS PRESSURE	GAS CONNECTION	TONNAGE RANGE	FILTER SIZE & QTY
D1250-G10	18	275	7" WC 14" WC	3/4"	5 TON	10"x16"x2" (3)
D1500-G10	18	275	7" WC 14" WC	3/4"	5 TON	10"x16"x2" (3)
D1500-G15	18	275	7" WC 14" WC	3/4"	5 TON	10"x16"x2" (3)
D1500-G18	18	275	7" WC 14" WC	3/4"	5 TON	10"x16"x2" (3)
D1750-G15	18	825	7" WC 14" WC	1"	5 TON	16"x20"x2" (4)
D1750-G18	18	825	7" WC 14" WC	1"	5 TON	16"x20"x2" (4)
D1000-9E0	24	36.6	7" WC 14" WC	1"	10 TON	15"x15"x2" (2)
D1500-9E0	24	36.6	7" WC 14" WC	1"	10 TON	15"x15"x2" (2)
D1500-9E0	30	45.8	7" WC 5 PSI	1-1/4"	10 TON	16"x20"x2" (2)

20 INCH HIGH CURB/RAIL EQUIPMENT USED IN PLACE OF SINGLE CURB ON UNITS WITH 20" BLOWERS

MAX. ROOF OPENING 2" SMALLER THAN CURB OUTSIDE DIMENSION

48 IN CLEARANCE REQUIRED ABOVE CONDENSERS

OPTIONAL MIXING BOX FILTERS

20 INCH HIGH CURB/RAIL EQUIPMENT USED IN PLACE OF SINGLE CURB ON UNITS WITH 20" BLOWERS

Direct Fired Profile Plate Specifications:

Direct fired burners shall have patented US Pat. No. 5,665,233, self-inducing profile plates designed to ensure proper air velocity and pressure drop across the burner. Profile plates shall allow burners to achieve clean combustion by lifting by-products levels to a maximum of 30% of carbon monoxide (CO) and 50% of hydrogen dioxide (H2O).

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

Direct fired burners shall be formed from G90 galvanized steel.

Profile plates shall be formed from the same plate as the discharge of the burner.

Profile plates shall be formed from the same plate as the discharge of the burner.

Design shall incorporate proper, convenient, permanently mounted spring hinges.

General Construction:

Profile plates shall be formed from G90 galvanized steel.

Profile plates shall be formed from the same plate as the discharge of the burner.

Profile plates shall be formed from the same plate as the discharge of the burner.

Design shall incorporate proper, convenient, permanently mounted spring hinges.

Direct Fired Profile Plate Assembly