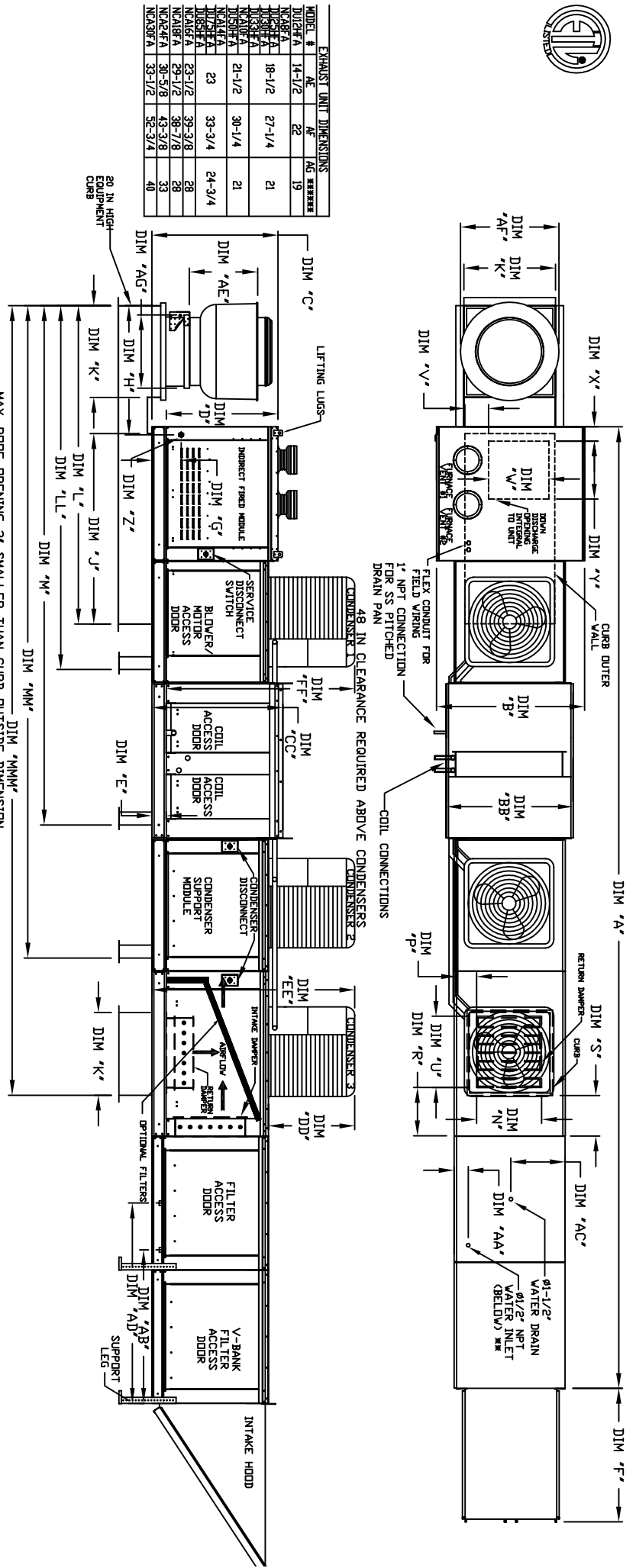




MODULAR OUTDOOR DOWN DISCHARGE 1BT HEATER-ROOF TOP PACKAGE WITH COOLING COIL, MIXING BOX, EVAPORATIVE COOLER INTAKE, V-BANK FILTER AND INTAKE HOOD

10/25/2005 11/17/07 40-15  
REV. 03 06/15/2010



EXHAUST UNIT DIMENSIONS

MODEL #	AE	AF	AG	AA	AB	AC
1A-1/2	22	22	19			
1B-1/2	27-1/4	27-1/4	21			
21-1/2	30-1/4	30-1/4	21			
23	33-3/4	33-3/4	24-3/4			
29-1/2	39-3/8	39-3/8	28			
30-5/8	38-7/8	38-7/8	28			
43-3/8	43-3/8	43-3/8	33			
52-3/4	52-3/4	52-3/4	40			

ALL DIMENSIONS ARE NOMINAL AND GIVEN IN INCHES.

UNIT DIMENSIONS

MODEL	A	B	C	CC	CD	CE	CF	CG	CH	CI	CJ	CK	CL	CM	CN	CO	CP	CQ	CR	CS	CT	CU	CV	CW	CX	CY	CZ	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB	BC	BD	BE	BF	BG	BH	BI	BJ	BK	BL	BM	BN	BO	BP	BQ	BR	BS	BT	BU	BV	BW	BX	BY	BZ	CA	CB	CC	CD	CE	CF	CG	CH	CI	CJ	CK	CL	CM	CN	CO	CP	CQ	CR	CS	CT	CU	CV	CW	CX	CY	CZ	DA	DB	DC	DD	DE	DF	DG	DH	DI	DJ	DK	DL	DM	DN	DO	DP	DQ	DR	DS	DT	DU	DV	DW	DX	DY	DZ	EA	EB	EC	ED	EE	EF	EG	EH	EI	EJ	EK	EL	EM	EN	EO	EP	EQ	ER	ES	ET	EU	EV	EW	EX	EY	EZ	FA	FB	FC	FD	FE	FF	FG	FH	FI	FJ	FK	FL	FM	FN	FO	FP	FQ	FR	FS	FT	FU	FV	FW	FX	FY	FZ	GA	GB	GC	GD	GE	GF	GG	GH	GI	GJ	GK	GL	GM	GN	GO	GP	GQ	GR	GS	GT	GU	GV	GW	GX	GY	GZ	HA	HB	HC	HD	HE	HF	HG	HH	HI	HJ	HK	HL	HM	HN	HO	HP	HQ	HR	HS	HT	HU	HV	HW	HX	HY	HZ	IA	IB	IC	ID	IE	IF	IG	IH	II	IJ	IK	IL	IM	IN	IO	IP	IQ	IR	IS	IT	IU	IV	IW	IX	IY	IZ	JA	JB	JC	JD	JE	JF	JG	JH	JI	IJ	JK	KL	LM	LN	LO	LP	LQ	LR	LS	LT	LU	LV	LW	LX	LY	LZ	MA	MB	MC	MD	ME	MF	MG	MH	MI	MJ	MK	ML	MM	MN	MO	MP	MQ	MR	MS	MT	MU	MV	MW	MX	MY	MZ	NA	NB	NC	ND	NE	NF	NG	NH	NI	NJ	NK	NL	NM	NN	NO	NP	NQ	NR	NS	NT	NU	NV	NW	NX	NY	NZ	OA	OB	OC	OD	OE	OF	OG	OH	OI	OJ	OK	OL	OM	ON	OO	OP	OQ	OR	OS	OT	OU	OV	OW	OX	OY	OZ	PA	PB	PC	PD	PE	PF	PG	PH	PI	PJ	PK	PL	PM	PN	PO	PP	PQ	PR	PS	PT	PU	PV	PW	PX	PY	PZ	QA	QB	QC	QD	QE	QF	QG	QH	QI	QJ	QK	QL	QM	QN	QO	QP	QQ	QR	QS	QT	QU	QV	QW	QX	QY	QZ	RA	RB	RC	RD	RE	RF	RG	RH	RI	RJ	RK	RL	RM	RN	RO	RP	RQ	RR	RS	RT	RU	RV	RW	RX	RY	RZ	SA	SB	SC	SD	SE	SF	SG	SH	SI	SJ	SK	SL	SM	SN	SO	SP	SQ	SR	SS	ST	SU	SV	SW	SX	SY	SZ	TA	TB	TC	TD	TE	TF	TG	TH	TI	TJ	TK	TL	TM	TN	TO	TP	TQ	TR	TS	TT	TU	TV	TW	TX	TY	TZ	UA	UB	UC	UD	UE	UF	UG	UH	UI	UJ	UK	UL	UM	UN	UO	UP	UQ	UR	US	UT	UU	UV	UW	UX	UY	UZ	VA	VB	VC	VD	VE	VF	VG	VH	VI	VJ	VK	VL	VM	VN	VO	VP	VQ	VR	VS	VT	VU	VV	VW	VX	VY	VZ	WA	WB	WC	WD	WE	WF	WG	WH	WI	WJ	WK	WL	WM	WN	WO	WP	WQ	WR	WS	WT	WU	WV	WW	WX	WY	WZ	XA	XB	XC	XD	XE	XF	XG	XH	XI	XJ	XK	XL	XM	XN	XO	XP	XQ	XR	XS	XT	XU	XV	XW	XX	XY	XZ	YA	YB	YC	YD	YE	YF	YG	YH	YI	YJ	YK	YL	YM	YN	YO	YP	YQ	YR	YS	YT	YU	YV	YW	YX	YZ	ZA	ZB	ZC	ZD	ZE	ZF	ZG	ZH	ZI	ZJ	ZK	ZL	ZM	ZN	ZO	ZP	ZQ	ZR	ZS	ZT	ZU	ZV	ZW	ZX	ZY	ZZ
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UNIT INFORMATION

MODEL	BTU RANGE (GPH)***	TURNDOWN RATIO	COMBUSTION EFFICIENCY**	GAS PRESSURE RANGE (MIN-MAX)	TOT. WEIGHT (LBS)	MEDIA SIZE & QTY	VEL. & MAX. CFM	NOZZLES	MAX. FLOW RATE (GPH)
3-1BT-400-G18	400	6	80%	7" VC 14" VC	8782 LBS	3/8" 14	14	7	8782 LBS
3-1BT-600-300-G18	600	12	80%	7" VC 14" VC	8960 LBS	3/8" 14	14	7	8960 LBS
3-1BT-900-400-G18	900	12	80%	7" VC 14" VC	8998 LBS	3/8" 14	14	7	8998 LBS

CONDENSER INFORMATION

MODEL	BTU RANGE (GPH)***	TURNDOWN RATIO	COMBUSTION EFFICIENCY**	GAS PRESSURE RANGE (MIN-MAX)	TOT. WEIGHT (LBS)	MEDIA SIZE & QTY	VEL. & MAX. CFM	NOZZLES	MAX. FLOW RATE (GPH)
3-1BT-400-G18	400	6	80%	7" VC 14" VC	8782 LBS	3/8" 14	14	7	8782 LBS
3-1BT-600-300-G18	600	12	80%	7" VC 14" VC	8960 LBS	3/8" 14	14	7	8960 LBS
3-1BT-900-400-G18	900	12	80%	7" VC 14" VC	8998 LBS	3/8" 14	14	7	8998 LBS

STANDARD EVAPORATIVE COOLING UNIT

MODEL	BTU RANGE (GPH)***	TURNDOWN RATIO	COMBUSTION EFFICIENCY**	GAS PRESSURE RANGE (MIN-MAX)	TOT. WEIGHT (LBS)	MEDIA SIZE & QTY	VEL. & MAX. CFM	NOZZLES	MAX. FLOW RATE (GPH)
3-1BT-400-G18	400	6	80%	7" VC 14" VC	8782 LBS	3/8" 14	14	7	8782 LBS
3-1BT-600-300-G18	600	12	80%	7" VC 14" VC	8960 LBS	3/8" 14	14	7	8960 LBS
3-1BT-900-400-G18	900	12	80%	7" VC 14" VC	8998 LBS	3/8" 14	14	7	8998 LBS

DELUXE EVAPORATIVE COOLING UNIT

MODEL	BTU RANGE (GPH)***	TURNDOWN RATIO	COMBUSTION EFFICIENCY**	GAS PRESSURE RANGE (MIN-MAX)	TOT. WEIGHT (LBS)	MEDIA SIZE & QTY	VEL. & MAX. CFM	NOZZLES	MAX. FLOW RATE (GPH)
3-1BT-400-G18	400	6	80%	7" VC 14" VC	8782 LBS	3/8" 14	14	7	8782 LBS
3-1BT-600-300-G18	600	12	80%	7" VC 14" VC	8960 LBS	3/8" 14	14	7	8960 LBS
3-1BT-900-400-G18	900	12	80%	7" VC 14" VC	8998 LBS	3/8" 14	14	7	8998 LBS

V-BANK INFORMATION

MODEL	BTU RANGE (GPH)***	TURNDOWN RATIO	COMBUSTION EFFICIENCY**	GAS PRESSURE RANGE (MIN-MAX)	TOT. WEIGHT (LBS)	MEDIA SIZE & QTY	VEL. & MAX. CFM	NOZZLES	MAX. FLOW RATE (GPH)
3-1BT-400-G18	400	6	80%	7" VC 14" VC	8782 LBS	3/8" 14	14	7	8782 LBS
3-1BT-600-300-G18	600	12	80%	7" VC 14" VC	8960 LBS	3/8" 14	14	7	8960 LBS
3-1BT-900-400-G18	900	12	80%	7" VC 14" VC	8998 LBS	3/8" 14	14	7	8998 LBS

OPTIONAL MIXING BOX FILTERS

MODEL	BTU RANGE (GPH)***	TURNDOWN RATIO	COMBUSTION EFFICIENCY**	GAS PRESSURE RANGE (MIN-MAX)	TOT. WEIGHT (LBS)	MEDIA SIZE & QTY	VEL. & MAX. CFM	NOZZLES	MAX. FLOW RATE (GPH)
3-1BT-400-G18	400	6	80%	7" VC 14" VC	8782 LBS	3/8" 14	14	7	8782 LBS
3-1BT-600-300-G18	600	12	80%	7" VC 14" VC	8960 LBS	3/8" 14	14	7	8960 LBS
3-1BT-900-400-G18	900	12	80%	7" VC 14" VC	8998 LBS	3/8" 14	14	7	8998 LBS

410A REFRIGERANT

\*\*\* ADD CONDENSING UNIT WEIGHT TO WEIGHT IN TABLE ABOVE

\*\* ALL MODELS ARE FULLY ELECTRONICALLY MODULATING

\*\*\* COMBUSTION EFFICIENCY OF EVERY UNIT IS 80% OVER THE ENTIRE GAS FIRING RANGE.

\*\*\* GAS PRESSURES IN TABLE ARE FOR NATURAL GAS, LP MINIMUM GAS INLET PRESSURE = 11" W.C.

\*\*\* MAX. EVAP WATER PRESSURE = 50 PSI @ 70 DEG. F

\*\*\*\*\* 9 INCH HIGH EXHAUST ADAPTER