diamondAIR

SUBMITTAL

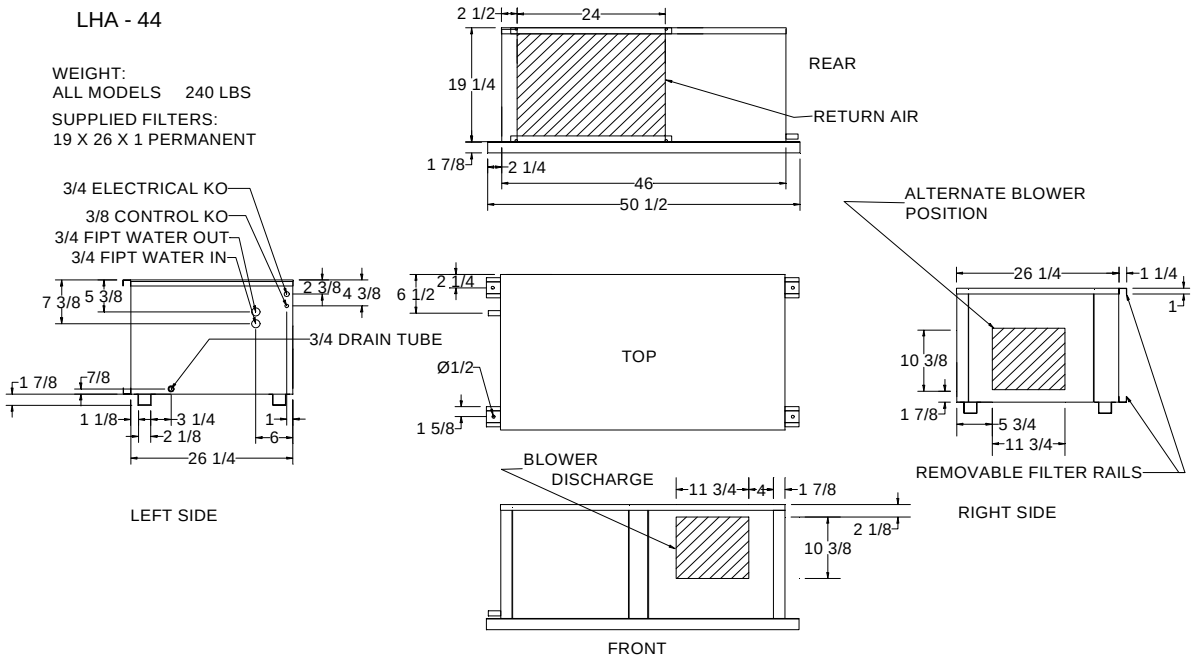
LHA44 Horizontal Series Air Condtioners

NEW ENVIRONMENTALLY FRIENDLY **R407-C** REFRIGERANT

LHA - 44

WEIGHT:
ALL MODELS 240 LBS

SUPPLIED FILTERS:
19 X 26 X 1 PERMANENT



PERFORMANCE DATA

NOMINAL	DATA					Condesor Coil	Water Value	Flow
CAPACITY	TC	TSC	THR	KW	EER	ΔP (PSI)	ΔP (PSI)	USGPM
LHA44	42,111	34,657	55,446	3.66	12.6	7.2	3.5	11.1

TC -Total Capacity
TSC -Total Sensible Capacity
THR -Total Heat of Rejection
KW -Total Power Input
EER -Energy Efficiency Ratio
GPM -Gallons Per Minute

(A) Cooling capacity rating test conditions: Evaporator Air - 80^{0}F db/67^{0}F wb
Condenser Water - 85^{0}F EWT/95^{0}F LWT

(B) Units are shipped in standard sensible format. For high sensible application, motor speed must be changed to the high speed tap.

(C) Total pressure drop for unit with regulating valve is sum of condenser coil drop and water regulating valve pressure drop.

BLOWER PERFORMANCE (CFM)

Model	FAN SPEED	Available External Static Pressure (Inches H_2O including allowance for filter and wet coil)							Model
		0.10	0.20	0.30	0.40	0.50	0.60	0.70	
LHA44	HI	1560	1500	1420	1340	1260	1170	1070	LHA44
	LO	1470	1410	1340	1270	1200	1110	1010	

ELECTRICAL DATA

Model	Electrical Characteristics	Compressor		Blower Motor		Unit Total	Min. Circuit	Fuse Size	Min. Wire
		RLA	LRA	RLA	HP	FLA	Ampacity	Time Delay	Size
LHA44NSU7	208/230/-1-60	19.0	100	3.1	1/3	22.1	28	40	8
LHA44TSU7	208/230/-3-60	12.0	74.0	3.1	1/3	15.1	18	25	10
LHA44RSU7	460/3/60	6.0	37.0	1.8	1/2	9.3	12	15	12
LHA44ZSU7	575/3/60	4.8	36.0	2.4	3/4	7.2	12	15	12

NOTES:

Units are standard in Galvanized Metal. Available in Powder Coated. Extra charges apply.

Your Local Distributor	**Project:**	
MITS AIRCONDITIONING INC.	**Contractor:**	
1608 BONHILL ROAD	**Engineer:**	
MISSISSAUGA, ONTARIO	**Submitted By:**	
L5T 1C7	**Date:**	