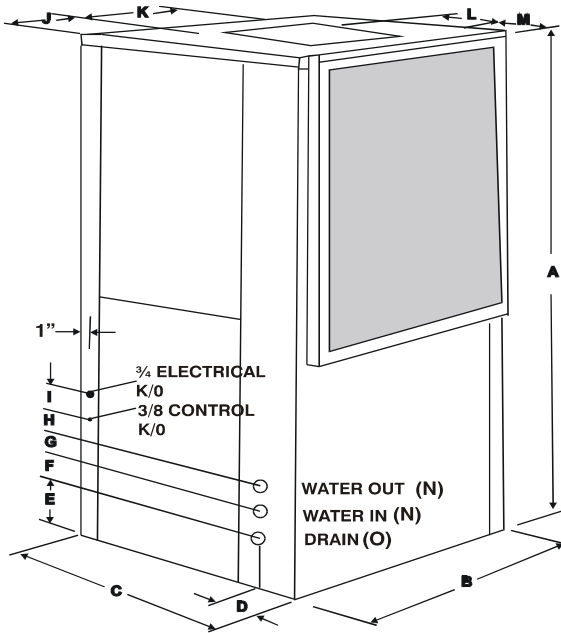


NEW ENVIRONMENTALLY FRIENDLY
R407-C REFRIGERANT



Model	A	B	C	D
LVA36-44	43 1/4	23 1/4	23 1/4	2 1/4

E	F	G	H	I
4 1/2	2	2	21 5/8	2 1/4

J	K	L	M	N
5 3/4	11 3/4	10 1/4	6 1/2	3/4

Water Connection	3/4" FIPT
Drain Connection	3/4" TUBING
FILTER	21 X 24 X 1

Model LVA	Shipping Weight (Lb)
36	240
44	240

REMOVABLE LEGS NOT SHOWN, ADD 2" HEIGHT

PERFORMANCE DATA

NOMINAL CAPACITY	DATA					Condensor Coil ΔP (PSI)	Water Value ΔP (PSI)	Flow USGPM
	TC	TSC	THR	KW	EER			
36	36,096	29,707	47,526	3.27	12.6	2.2	3.2	9.5
44	42,111	34,657	55,446	3.66	12.6	7.2	3.5	11.1

TC -Total Capacity (A) Cooling capacity rating test conditions: Evaporator Air - 80°F db/67°F wb
 TSC -Total Sensible Capacity Condenser Water - 85°F EWT/95°F LWT
 THR -Total Heat of Rejection (B) Units are shipped in standard sensible format. For high sensible application,
 KW -Total Power Input motor speed must be changed to the high speed tap.
 EER -Energy Efficiency Ratio (C) Total pressure drop for unit with regulating valve is sum of condenser coil drop and
 GPM -Gallons Per Minute water regulating valve pressure drop.

BLOWER PERFORMANCE (CFM)

Model	FAN SPEED	Available External Static Pressure (Inches H ₂ O including allowance for filter and wet coil)							Model
		0.10	0.20	0.30	0.40	0.50	0.60	0.70	
LVA36	HI	1500	1440	1370	1290	1210	1120	1000	HI
	LO	1410	1350	1290	1220	1150	1060	900	LO
LVA44	HI	1560	1500	1420	1340	1260	1170	1070	HI
	LO	1470	1410	1340	1270	1200	1110	1010	LO

ELECTRICAL DATA

Model	Electrical Characteristics	Compressor		Blower Motor		Unit Total FLA	Min. Circuit Ampacity	Fuse Size Time Delay	Min. Wire Size
		RLA	LRA	RLA	HP				
LVA36NSU7	208/230-1-60	16.1	90	3.1	1/3	19.2	24.0	40	10
LVA36TSU7	208/230-3-60	10.5	60	3.1	1/3	13.6	14.0	20	12
LVA36RSU7	460-3-60	5.2	37.0	1.8	1/2	8.5	12.0	15	12
LVA36ZSU7	575-3-60	4.0	36.0	2.4	3/4	6.2	12.0	15	12
LVA44NSU7	208/230-1-60	19.0	100	3.1	1/3	22.1	28.0	40	8
LVA44TSU7	208/230-3-60	12.0	74.0	3.1	1/3	15.1	18.0	25	10
LVA44RSU7	460-3-60	6.0	37.0	1.8	1/2	9.3	12.0	15	12
LVA44ZSU7	575-3-60	4.8	36.0	2.4	3/4	7.2	12.0	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:	