



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
42	240

REMOVABLE LEGS NOT SHOWN, ADD 2" HEIGHT

PERFORMANCE DATA

NOMINAL CAPACITY	DATA					Condensator Coil ΔP (PSI)	Water Value ΔP (PSI)	Flow USGPM
	TC	TSC	THR	KW	EER			
36	36,400	29,957	44,315	2.35	15.6	2.2	3.2	8.9
42	42,000	34,566	51,420	2.76	15.22	7.2	3.5	10.3

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, motor speed must be changed to the high speed tap.
 KW -Total Power Input (C) Total pressure drop for unit with regulating valve is sum of condensator coil drop and water regulating valve pressure drop.
 EER -Energy Efficiency Ratio
 GPM -Gallons Per Minute

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
LVA42	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 Amperacity	Fuse Size Time Delay	Min. Wire Size
		PLA	LRA	PLA	HP				
LVA36NSU0	208/230-1-60	10.3	79	5.0	1/2	15.3	18.0	30	10
LVA36TSU0	208/230-3-60	7.6	73	5.0	1/2	12.6	14.0	20	12
LVA36RSU0	460-3-60								
LVA36ZSU0	575-3-60	3.1	36.5	1.9	3/4	5.0	5.5	15	14
LVA42NSU0	208/230-1-60	13.0	105	5.0	1/2	18.0	20.0	40	8
LVA42TSU0	208/230-3-60	8.9	88.0	5.0	1/2	13.9	15.0	25	10
LVA42RSU0	460-3-60								
LVA42ZSU0	575-3-60	3.7	34.0	1.9	3/4	5.6	6.5	15	14

NOTES:

Units are standard in Galvanized Metal. Available in Powder Coated. Extra charges apply.
 Specifications and performance data subject to change without notice.
 Heat Pumps available on Special Order.
 460/3/60 available - Special Order.

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