



Model	A	B	C	D
LVA12-30	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
7	9 1/4	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)
12	160
18	185
24	185
30	195

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			
LVA 12	12,421	10,222	16354	1.12	12.6	0.3	2	3.3
18	18,023	14,833	23730	1.64	12.6	0.4	3.5	4.7
24	24,197	19,914	31859	2.09	12.6	0.9	4.6	6.4
30	31,024	25,533	40,848	2.61	12.6	2.1	6.3	8.2

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 condenser 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	
12	HI	500	460	420	385	360	325	300	HI
	LO	410	395	375	355	330	305		LO
18	HI	770	700	680	650	610	570	530	HI
	LO	670	650	615	570	530			LO
24	HI	930	890	810	760	710	690	680	HI
	LO	750	720	690	670				LO
30	HI	1250	1170	1120	1070	940	830	740	HI
	LO	1050	980	920	830	760			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				
LVA12NSU2	208/230/-160	5.8	34	2.2	1/4	8	12	15	14
LVA18NSU2	208/230/-1-60	9.6	53	2.2	1/4	11.8	16	25	12
LVA24NSU2	208/230/-1-60	10.9	64	2.2	1/4	13.1	16	25	12
LVA30NSU2	208/230/-1-60	15.3	80	2.2	1/4	17.5	21	30	10

NOTES:

Your Local Distributor	Project:	
MITS AIRCONDITIONING INC. 1800 MEYERSIDE DRIVE MISSISSAUGA, ONTARIO L5T 1B4	Contractor:	
	Engineer:	
	Submitted By:	
	Date:	