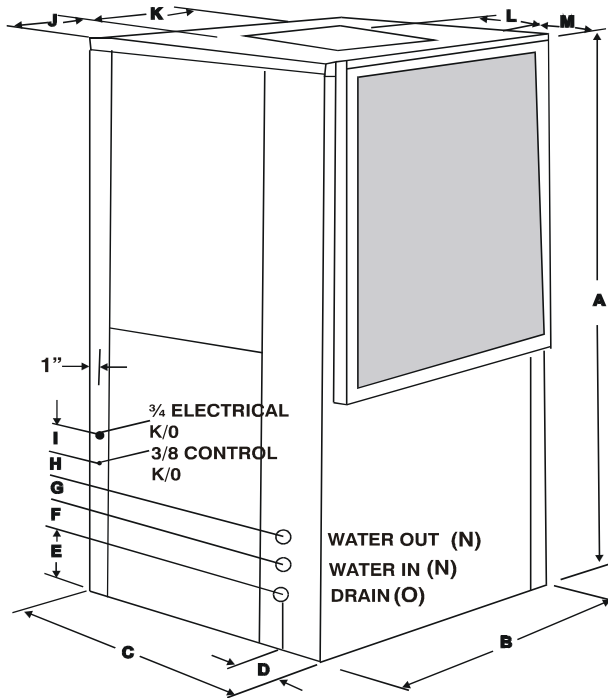


SUBMITTAL



Model	A	B	C	D
LVA90-120	66 5/8	34 1/8	31	2 3/8

E	F	G	H	I
4 1/2	2	2	25 1/2	2

J	K	L	M	N
7 3/4	14 3/4	15 7/8	14	3/4

Water Connection	1" FIPT
Drain Connection	1" FIPT
FILTER	(2) 23 X 32 X 1

Model LVA	Shipping Weight (Lb)
90	475
120	520

Left and Right Side Access Available

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			
90	99,735	82,082	131,318	7.84	12.8	7.2	13.0	26.3
120	125,943	103,651	165,825	10.30	12.6	9.6	21.0	33.2

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
KW -Total Power Input
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.

BELT DRIVE	STATIC PRESSURE							
	CFM	RPM BHP	RPM BHP	RPM BHP	RPM BHP	RPM BHP	RPM BHP	RPM BHP
LVA								
90	3000	480 0.54	503 0.58	528 0.62	556 0.67	586 0.73	616 0.79	646 0.84
120	4000	621 1.21	637 1.26	653 1.31	670 1.36	690 1.43	709 1.46	725 1.5

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				
LVA90TSU3	208/230-3-60	10.5x2	91x2	3.6	1	24.6	30.0	40	8
LVA90RSU3	460-3-60	5.5x2	42x2	1.5	1	12.5	15.0	20	12
LVA90ZSU3	575-3-60	4.2x2	39x2	1.4	1	9.8	11.0	15	14
LVA120TSU3	208/230-3-60	14.6x2	107x2	4.6	1.5	33.8	40.0	50	6
LVA120RSU3	460-3-60	7.3x2	55x2	2.3	1.5	16.9	20.0	25	10
LVA120ZSU3	575-3-60	6.9x2	52x2	1.9	1.5	15.7	20.0	25	10

NOTES:

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