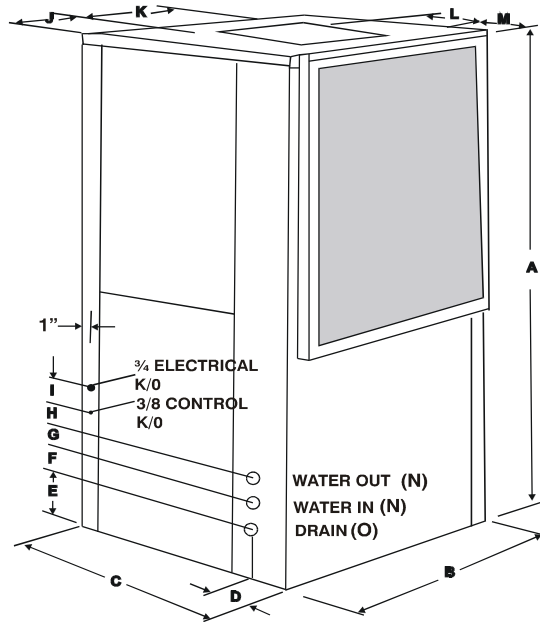


diamondAIR

LVA48-60 Vertical Series
Air Conditioners

SUBMITTAL

NEW ENVIRONMENTALLY FRIENDLY
R407-C REFRIGERANT



Model	A	B	C	D
LVA48-60	43 3/4	27 1/4	29 1/4	3

E	F	G	H	I
4 1/2	2	2	22	1 1/2

J	K	L	M	N
7 1/2	12 1/2	13 5/8	8 5/8	3/4

Water Connection	3/4" FIPT
Drain Connection	3/4" TUBING
FILTER	25 X 29 X 1

Model LVA	Shipping Weight (Lb)
48	245
60	250

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			
LVA48	47,998	39,502	63197	4.37	12.6	8.1	7.4	12.6
LVA60	60,231	49,570	79304	5.9	12.6	9.6	8.9	15.9

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	
LVA48	HI	2250	2200	2100	2050	2000	1900	1800	HI
	LO	2110	2040	1990	1910	1820	1760	1700	LO
LVA60	HI	2250	2200	2100	2050	2000	1900	1800	HI
	LO	2110	2040	1990	1910	1820	1760	1700	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				
LVA48NSU7	208/230-1-60	20.4	110	5.0	3/4	25.4	29.5	40	8
LVA48TSU7	208/230-3-60	14.0	90	5.0	3/4	19.0	19.5	30	10
LVA48RSU7	460-3-60	7.0	37	2.5	3/4	9.5	14.0	20	12
LVA48ZSU7	575-3-60	5.6	38	2.4	3/4	8.0	12.0	15	12
LVA60NSU7	208/230-1-60	28.8	165	5.0	3/4	33.8	42.7	60	6
LVA60TSU7	208/230-3-60	17.5	126	5.0	3/4	22.5	27.0	40	10
LVA60RSU7	460-3-60	8.8	55	2.5	3/4	11.3	14.0	20	14
LVA60ZSU7	575-3-60	7.0	39	2.4	3/4	9.4	14.0	20	14

NOTES:

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

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