

MULTI F MAX *Inverter*



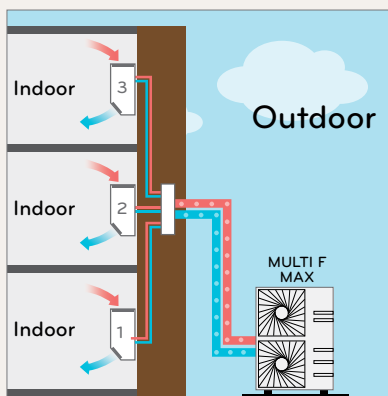
Features

- Advanced Climate Control for up to 8 Zones
- Energy Efficiency – 18.4 SEER Rating
- DC Inverter Technology – Load Matches to Reduce Power Consumption

Applications

- Homes – New and Retrofit
- Small Offices
- Retail Shops
- Strip Malls

up to **18.4** SEER



Increased zoning connections.
Contractor can provide you more zoning.



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System Model #			LMU540HV		
Capacity (BTUs)	Nominal		BTU/h Class	54,000	
	Cooling	Min. ~ Rated ~ Max.	BTU/h	14,000 ~ 52,500 ~ 63,200	
	Heating	Min. ~ Rated ~ Max.	BTU/h	15,467 ~ 58,000 ~ 64,000	
Power Input	Cooling	Min. ~ Rated ~ Max.	kW	1.00 ~ 5.10 ~ 5.86	
	Heating	Min. ~ Rated ~ Max.	kW	1.49 ~ 5.40 ~ 6.19	
EER / COP		Non Ducted	-	10.3 / 3.1	
SEER / HSPF		Non Ducted	-	18.4 / 8.7	
		Mixed	-	17.1 / 8.3	
		Ducted	-	15.8 / 8.0	
Power Supply			V, Ø, Hz	208/230, 1, 60	
Running Current	Cooling	Min. ~ Rated ~ Max.	A	4.8 ~ 24.5 ~ 26.5	
	Heating	Min. ~ Rated ~ Max.	A	7.1 ~ 25.7 ~ 27.5	
Starting Current	Cooling	Max.	A	-	
	Heating	Max.	A	-	
Wiring Connections	Power Supply Cable (included Earth)		No. x AWG	3C x 10	
	Power & Communication Cable (included Earth)		Outdoor ~ BD Unit	No. x AWG	4C x 16
Combination	Sum of Indoor Units Capacity		Max.	kBTU/h	73
	Number of Indoor Units		Max.	EA	8
	Number of BD Units		Max.	EA	2
Casing Color			-	Warm Gray	
Dimensions		W x H x D	mm	950 x 1,380 x 330	
		W x H x D	inch	37 13/32 x 54 11/32 x 13	
Net Weight			kg (lbs)	97.0 (213.8)	
Compressor	Type		-	Twin Rotary	
	Model		Model x No.	GPT442MBA x 1	
	Motor Type		-	BLDC	
	Motor Output		W x No.	4,000 (at 60Hz) x 1	
Refrigerant	Type		-	R410A	
	Precharged Amount		g (oz)	4,400 (155.2)	
	Chargeless-Pipe Length	Main Pipe	m (ft)	5 (16.4)	
		Branch Pipe	m (ft)	40 (131.2)	
	Additional Charging Volume	Main Pipe	g/m (oz/ft)	20 (0.22)	
		Branch Pipe	g/m (oz/ft)	50 (0.54)	
Control		-	-	Electronic Expansion Valve	
Refrigerant Oil	Type		-	FVC68D	
	Charged Volume		cc x No.	1,300 x 1	
Heat Exchanger	(Row x Column x Fins per inch) x No.		-	(2 x 32 x 14) x 2	
Fan	Type		-	Propeller	
	Air Flow Rate		m ³ /min (ft ³ /min) x No.	60 (2,119) x 2	
Fan Motor	Type		-	BLDC	
	Output		W x No.	124.2 x 2	
Sound Pressure Level	Cooling	Rated	dB(A)	54	
	Heating	Rated	dB(A)	56	
Sound Power Level	Cooling	Rated	dB(A)	69	
Piping Connections	Liquid	Outer Dia.	mm (inch)	Ø 9.52 (3/8)	
	Gas	Outer Dia.	mm (inch)	Ø 19.05 (3/4)	
Piping Length	Total Piping		Max.	m (ft)	145 (475.7)
	Main Piping		Max.	m (ft)	55 (180.4)
	Total Branch Piping		Max.	m (ft)	90 (295.3)
	Each Branch Piping		Max.	m (ft)	15 (49.2)
Maximum Height Difference	Outdoor Unit ~ Indoor Unit		Max.	m (ft)	30 (98.4)
	Indoor Unit ~ Indoor Unit		Max.	m (ft)	15 (49.2)
	BD Unit ~ Indoor Unit		Max.	m (ft)	10 (32.8)
Operation Range (Outdoor Temperature)	Cooling	Min. ~ Max.	°C DB (°F DB)	-10 (14.0) ~ 48 (118.4)	
	Heating	Min. ~ Max.	°C WB (°F WB)	-18 (-0.4) ~ 18 (64.4)	



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Our site is an excellent resource for information, and it's where you'll find the LG Trained Contractors in your area.

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