

MLZ SERIES



Indoor Unit R32



MLZ-KP25/35/50VG



GOOD DESIGN AWARD 2017

R32



MLZ-KY20VG

Panel

MLP-450W

MLP-448W

Outdoor Unit



SUZ-M25/35VA



SUZ-M50VA

For Multi Connection Only

Remote Controller



Built in MLZ-KP/KY



*optional



*optional



*optional



Type	Inverter Heat Pump						
Indoor Unit	MLZ-KY20VG	MLZ-KP25VG	MLZ-KP35VG	MLZ-KP50VG			
Outdoor Unit	For Multi connection only	SUZ-M25VA	SUZ-M35VA	SUZ-M50VA			
Refrigerant	R32 ^(*)						
Power Supply	Outdoor Power supply 230 / Single / 50						
Cooling	Design load	kW	2.5	3.5	5.0		
	Annual electricity consumption ^(**)	kWh/a	141	175	260		
	SEER ^(**)		6.2	7.0	6.7		
	Capacity	Energy efficiency class					
		Rated	kW	2.5	3.5	5.0	
Total Input	Rated	kW	0.59	0.94	1.38		
	Design load	kW	2.2	2.6	4.3		
Heating (Average Season)	Declared Capacity	at reference design temperature	2.0 (-10°C)	2.3 (-10°C)	3.8 (-10°C)		
		at bivalent temperature	2.0 (-7°C)	2.3 (-7°C)	3.8 (-7°C)		
	at operation limit temperature	2.0 (-10°C)	2.3 (-10°C)	3.8 (-10°C)			
	Back up heating capacity	kW	0.2	0.3	0.5		
	Annual electricity consumption ^(**)	kWh/a	697	791	1397		
Operating Current (Max)	Input	Rated	0.012	0.04	0.40		
		Operating Current(Max)	A	0.12	0.40	0.40	
	Dimensions	H*W*D	mm	194-842-301	185-1102-360	155	
	Weight	kg	11	15.5	15.5		
	Indoor Unit	Air Volume (SLo-Lo-Mid-Hi ^(**))	Cooling	m ³ /min	4.3-4.7-5.2-5.6	6.0-7.2-8.0-8.8	6.0-7.3-8.4-9.4
Heating			m ³ /min	4.3-4.9-5.5-6.0	6.0-7.0-8.2-9.2	6.0-7.7-8.8-9.9	6.0-8.8-10.3-11.8
Sound Level (SPL) (SLo-Lo-Mid-Hi ^(**))		Cooling	dB(A)	30-32-34-37	27-31-34-38	27-32-36-40	29-36-41-47
		Heating	dB(A)	29-32-35-38	26-29-34-37	26-32-36-40	26-37-42-48
Panel	Dimensions	H*W*D	mm	34-915-370	24-1200-424	53	59
		Weight	kg	2.6	3.5	3.5	3.5
	Air Volume	Cooling	m ³ /min	30	35	41	41
		Heating	m ³ /min	36.3	34.3	45.8	45.8
	Sound Level (SPL)	Cooling	dB(A)	45	48	48	48
Heating		dB(A)	46	48	48	49	
Outdoor Unit	Sound Level (PWL)	Cooling	dB(A)	59	59	64	64
		Heating	dB(A)	59	59	64	64
	Operating Current (Max)	A	6.8	8.5	13.5	13.5	
	Breaker Size	A	10	10	20	20	
	Ext. Piping	Diameter	Liquid/Gas	mm	6.35/9.52	6.35/12.7	6.35/12.7
Max.Length		Out-h	m	20	30	30	30
Max.Height		Out-h	m	12	30	30	30
Guaranteed Operating Range (Outdoor)	Cooling	°C	-10~+46	-10~+24	-15~+46	-15~+46	
	Heating	°C	-	-	-	-	

(*) Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 675. This means that if 1kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 675 times higher than 1kg of CO₂ over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional. The GWP of R32 is 675 in the IPCC 4th Assessment Report.

(**) Energy consumption based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.

(*) SH: Super High

(*) SEER, SCOP and other related description are based on COMMISSION DELEGATED REGULATION (EU) No.626/2011. The temperature conditions for calculating SCOP are based on "Average Season".