

MSZ-BT SERIES

The BT series featured with its high performance, energy efficiency, and simplicity of use brings greater comfort to your room.

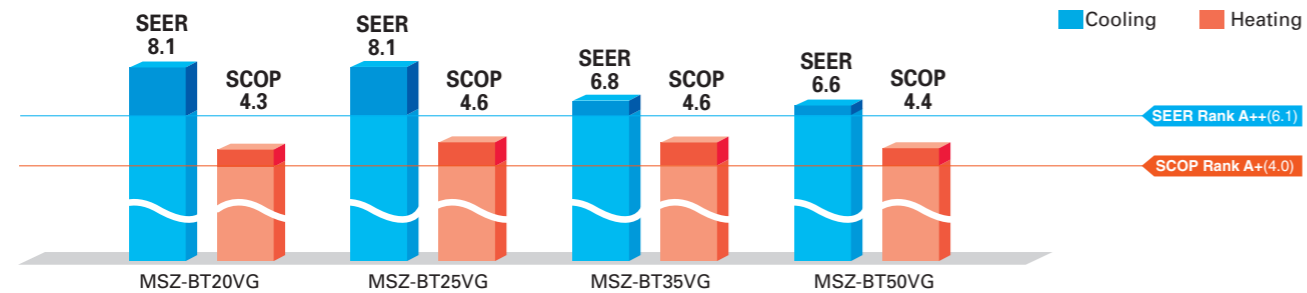
MSZ-BT20/25/35/50VG(K)

R32
Single / Multi



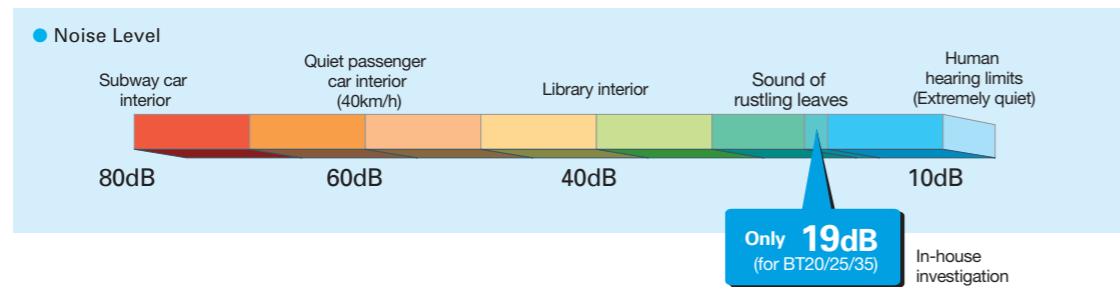
High Energy Efficiency for Entire Range of Series

All models in the series, from the low-capacity 20 to the high-capacity 50, have achieved the "Rank A++" for SEER and size 25 and 35 have achieved the "Rank A++" for SCOP as energy-savings rating. For home use, such as in bedrooms and living rooms, to light commercial use, such as in offices, our air conditioners are contributing to reduced energy consumption in a wide range.



Quiet Operation

The indoor unit noise level is as low as 19dB for AP Series, offering a peaceful inside environment.



New Remote Controller

New stylish and compact remote controller features easy-read big display and simple button position with fundamental functions.

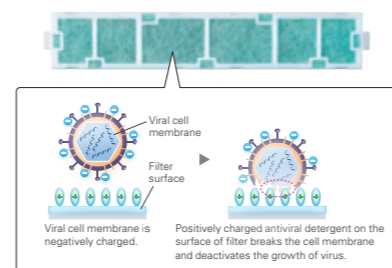


Built-in Wi-Fi Interface

The indoor unit is equipped with a Wi-Fi Interface inside an exclusive pocket in the unit. This eliminates the need to install a Wi-Fi interface, and also contributes to the beautiful appearance since the interface is hidden.

V Blocking Filter

V Blocking Filter with antiviral effect inhibits 99% of adhered virus, and other harmful substances, such as bacteria, mold and allergen. Two-layered filter with non-woven fabric and electrostatic filter can effectively capture and remove small particles from the air in your room.



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Indoor Unit

R32



MSZ-BT20/25/35/50VG(K)

Outdoor Unit



MUZ-BT20VG

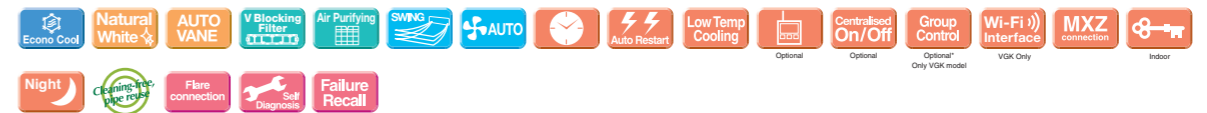


MUZ-BT25/35VG



MUZ-BT50VG

Remote Controller



Type	Inverter Heat Pump						
Indoor Unit	MSZ-BT20VG(K)	MSZ-BT25VG(K)	MSZ-BT35VG(K)	MSZ-BT50VG(K)			
Outdoor Unit	MUZ-BT20VG	MUZ-BT25VG	MUZ-BT35VG	MUZ-BT50VG			
Refrigerant	R32 ⁽¹⁾						
Power Supply	Outdoor Power supply 230V/Single/50Hz						
Cooling	Design load	kW	2.0	2.5	3.5	5.0	
	Annual electricity consumption ⁽²⁾	kWh/a	86	108	180	265	
	SEER ⁽³⁾		8.1	8.1	6.8	6.6	
	Energy efficiency class		A++	A++	A++	A++	
	Capacity	Rated	kW	2.0	2.5	3.5	5.0
Heating	Design load	kW	1.5 (-10°C)	1.9 (-10°C)	2.4 (-10°C)	3.8 (-10°C)	
	Declared Capacity	at reference design temperature	kW	1.5 (-10°C)	1.9 (-10°C)	2.4 (-10°C)	3.8 (-10°C)
	at bivalent temperature	kW	1.5 (-10°C)	1.9 (-10°C)	2.4 (-10°C)	3.8 (-10°C)	
	at operation limit temperature	kW	1.3 (-15°C)	1.7 (-15°C)	2.1 (-15°C)	3.4 (-15°C)	
	Back up heating capacity	kW	0.0 (-10°C)	0.0 (-10°C)	0.0 (-10°C)	0.0 (-10°C)	
Annual electricity consumption ⁽²⁾	kWh/a	487	577	727	1209		
SCOP ⁽⁴⁾		4.3	4.6	4.6	4.4		
Energy efficiency class		A+	A++	A++	A+		
Capacity	Rated	kW	2.5	3.15	3.6	5.4	
Min-Max	kW	0.7-3.2	0.7-3.5	0.9-4.1	1.4-6.5		
Total Input	Rated	kW	0.550	0.750	0.930	1.550	
Operating Current (Max)	Input	A	5.6	7.0	7.0	10.0	
Rated	kW	0.024	0.024	0.031	0.037		
Operating Current(Max)	A	0.25	0.25	0.31	0.35		
Dimensions	H*W*D	mm	280-838-235	280-838-235	280-838-235	280-838-235	
Weight	kg		9	9	9	9	
Indoor Unit	Air Volume	Cooling	m ³ /min	4.2 - 5.2 - 6.8 - 8.7 - 10.9	4.2 - 5.2 - 6.8 - 8.7 - 10.9	4.2 - 5.2 - 6.8 - 8.7 - 13.2	6.3 - 7.6 - 9.0 - 11.0 - 13.2
	Heating	m ³ /min	4.2 - 5.0 - 6.8 - 9.0 - 11.9	4.2 - 5.0 - 6.8 - 9.0 - 11.9	4.2 - 5.0 - 6.8 - 9.0 - 11.9	6.0 - 7.8 - 9.9 - 11.9 - 14.1	
	Sound Level (SPL)	Cooling	dB(A)	19 - 22 - 30 - 37 - 43	19 - 22 - 30 - 37 - 43	19 - 22 - 31 - 38 - 46	29 - 33 - 36 - 40 - 46
	Heating	dB(A)	20 - 23 - 30 - 37 - 43	20 - 23 - 30 - 37 - 43	20 - 23 - 30 - 37 - 44	29 - 33 - 38 - 43 - 48	
	Sound Level (PWL)	Cooling	dB(A)	57	57	60	60
Heating	dB(A)	57	57	60	60		
Dimensions	H*W*D	mm	538-699-249	538-699-249	538-699-249	550-800-285	
Weight	kg		23	24	24	35	
Outdoor Unit	Air Volume	Cooling	m ³ /min	30.3	32.2	32.2	30.4
	Heating	m ³ /min	30.3	32.2	34.6	32.7	
	Sound Level (SPL)	Cooling	dB(A)	50	50	52	50
	Heating	dB(A)	50	50	52	51	
	Sound Level (PWL)	Cooling	dB(A)	63	63	64	64
Heating	dB(A)	63	63	64	64		
Operating Current (Max)	A		5.3	6.7	6.7	9.6	
Breaker Size	A		10	10	10	12	
Ext. Piping	Diameter	Liquid/Gas	mm	6.35 / 9.52	6.35 / 9.52	6.35 / 9.52	6.35 / 12.7
	Max.Length	Out-In	m	20	20	20	20
	Max.Height	Out-In	m	12	12	12	12
Guaranteed Operating Range (Outdoor)	Cooling	°C	-10 ~ +46	-10 ~ +46	-10 ~ +46	-10 ~ +46	
	Heating	°C	-15 ~ +24	-15 ~ +24	-15 ~ +24	-15 ~ +24	

(1) 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 550. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 550 times higher than 1 kg 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.
(2) Energy consumption based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.
(3) SH: Super High
(4) 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".
(5) Please see page 53-55 for heating (warmer season) specifications.