

Specification on Warmer/Colder Condition

Type		Inverter Heat Pump									
Indoor Unit		MSZ-LN25VG2		MSZ-LN35VG2		MSZ-LN50VG2		MSZ-LN60VG2			
Outdoor Unit		MUZ-LN25VGH2	MUZ-LN25VGH2Z2	MUZ-LN35VGH2	MUZ-LN35VGH2Z2	MUZ-LN50VGH2	MUZ-LN50VGHZ	MUZ-LN60VGH2			
Refrigerant		R32 ⁽¹⁾									
Cooling	Design load	kW		2.5	2.5	3.5	3.5	5	5.0	6.1	
	Annual electricity consumption ⁽²⁾	kWh/a		83	83	129	130	205	230	285	
	SEER			10.5	10.5	9.5	9.4	8.5	7.6	7.5	
		Energy efficiency class		A+++	A+++	A+++	A+++	A+++	A++	A++	
Heating (Warmer Season)	Design load	kW		1.7 (2°C)	1.8 (2°C)	2.0 (2°C)	2.2 (2°C)	2.5 (2°C)	3.3 (2°C)	3.3 (2°C)	
	Declared Capacity	at reference design temperature	kW		1.7 (2°C)	1.8 (2°C)	2.0 (2°C)	2.2 (2°C)	2.5 (2°C)	3.3 (2°C)	3.3 (2°C)
		at bivalent temperature	kW		1.7 (2°C)	1.8 (2°C)	2.0 (2°C)	2.2 (2°C)	2.5 (2°C)	3.3 (2°C)	3.3 (2°C)
		at operation limit temperature	kW		2.5 (-15°C)	2.3 (-25°C)	3.2 (-15°C)	3.1 (-25°C)	4.2 (-15°C)	4.7 (-25°C)	6.0 (-15°C)
	Back up heating capacity	kW		0.0 (2°C)	0.0 (2°C)	0.0 (2°C)	0.0 (2°C)	0.0 (2°C)	0.0 (2°C)	0.0 (2°C)	
	Annual electricity consumption ⁽²⁾	kWh/a		369	382	431	467	602	779	779	
	SCOP			6.4	6.6	6.5	6.5	5.8	5.9	5.9	
		Energy efficiency class		A+++	A+++	A+++	A+++	A+++	A+++	A+++	
Heating (Colder Season)	Design load	kW		—	4.7 (-22°C)	—	5.9 (-22°C)	—	8.8 (-22°C)	—	
	Declared Capacity	at reference design temperature	kW		—	2.6 (-22°C)	—	3.4 (-22°C)	—	5.1 (-22°C)	—
		at bivalent temperature	kW		—	3.2 (-10°C)	—	4.0 (-10°C)	—	6.0 (-10°C)	—
		at operation limit temperature	kW		—	2.3 (-25°C)	—	3.1 (-25°C)	—	4.7 (-25°C)	—
	Back up heating capacity	kW		—	2.1 (-22°C)	—	2.5 (-22°C)	—	3.7 (-22°C)	—	
	Annual electricity consumption ⁽²⁾	kWh/a		—	2425	—	3075	—	5340	—	
	SCOP			—	4.0	—	4.0	—	3.4	—	
		Energy efficiency class		—	A*	—	A*	—	A	—	

Type		Inverter Heat Pump													
Indoor Unit		MSZ-AP20VG		MSZ-AP25VG		MSZ-AP35VG		MSZ-AP42VG		MSZ-AP50VG		MSZ-AP60VGk	MSZ-AP71VGk		
Outdoor Unit		MUZ-AP20VG	MUZ-AP25VGH	MUZ-AP25VGH	MUZ-AP35VGH	MUZ-AP35VGH	MUZ-AP42VGH	MUZ-AP42VGH	MUZ-AP50VGH	MUZ-AP50VGH	MUZ-AP60VGH	MUZ-AP71VGH			
Refrigerant		R32 ⁽¹⁾													
Cooling	Design load	kW		2.0	2.5	2.5	3.5	3.5	4.2	4.2	5.0	5.0	6.1	7.1	
	Annual electricity consumption ⁽²⁾	kWh/a		81	116	116	171	171	196	196	246	246	288	345	
	SEER			8.6	7.6	7.6	7.2	7.2	7.5	7.5	7.2	7.2	7.4	7.2	
		Energy efficiency class		A+++	A++	A++	A++	A++	A++	A++	A++	A++	A++	A++	
Heating (Warmer Season)	Design load	kW		1.3 (2°C)	1.3 (2°C)	1.3 (2°C)	1.6 (2°C)	1.6 (2°C)	2.1 (2°C)	2.1 (2°C)	2.3 (2°C)	2.3 (2°C)	2.5 (2°C)	3.7 (2°C)	
	Declared Capacity	at reference design temperature	kW		1.3 (2°C)	1.3 (2°C)	1.3 (2°C)	1.6 (2°C)	1.6 (2°C)	2.1 (2°C)	2.1 (2°C)	2.3 (2°C)	2.3 (2°C)	2.5 (2°C)	3.7 (2°C)
		at bivalent temperature	kW		1.3 (2°C)	1.3 (2°C)	1.3 (2°C)	1.6 (2°C)	1.6 (2°C)	2.1 (2°C)	2.1 (2°C)	2.3 (2°C)	2.3 (2°C)	2.5 (2°C)	3.7 (2°C)
		at operation limit temperature	kW		2.2 (-15°C)	2.0 (-15°C)	1.6 (-20°C)	2.2 (-15°C)	1.6 (-20°C)	3.4 (-15°C)	2.2 (-20°C)	3.4 (-15°C)	2.3 (-20°C)	3.7 (-15°C)	5.4 (-15°C)
	Back up heating capacity	kW		0.0 (2°C)	0.0 (2°C)	0.0 (2°C)	0.0 (2°C)	0.0 (2°C)	0.0 (2°C)	0.0 (2°C)	0.0 (2°C)	0.0 (2°C)	0.0 (2°C)	0.0 (2°C)	
	Annual electricity consumption ⁽²⁾	kWh/a		350	337	337	923 / 418	417	507	507	563	563	627	891	
	SCOP			5.2	5.4	5.4	5.4	5.4	5.8	5.8	5.7	5.7	5.5	5.8	
		Energy efficiency class		A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	

Type		Inverter Heat Pump								
Indoor Unit		MSZ-FH25VE2		MSZ-FH35VE2		MSZ-FH50VE2				
Outdoor Unit		MUZ-FH25VE	MUZ-FH25VEHZ	MUZ-FH35VE	MUZ-FH35VEHZ	MUZ-FH50VE	MUZ-FH50VEHZ			
Refrigerant		R410A ⁽¹⁾								
Cooling	Design load	kW		2.5	2.5	3.5	3.5	5.0	5.0	
	Annual electricity consumption ⁽²⁾	kWh/a		96	96	138	138	244	244	
	SEER			9.1	9.1	8.9	8.9	7.2	7.2	
		Energy efficiency class		A+++	A+++	A+++	A+++	A++	A++	
Heating (Warmer Season)	Design load	kW		1.7 (2°C)	1.8 (2°C)	2.0 (2°C)	2.2 (2°C)	2.5 (2°C)	3.3 (2°C)	
	Declared Capacity	at reference design temperature	kW		1.7 (2°C)	1.8 (2°C)	2.0 (2°C)	2.2 (2°C)	2.5 (2°C)	3.3 (2°C)
		at bivalent temperature	kW		1.7 (2°C)	1.8 (2°C)	2.0 (2°C)	2.2 (2°C)	2.5 (2°C)	3.3 (2°C)
		at operation limit temperature	kW		2.5 (-15°C)	1.7 (-25°C)	3.2 (-15°C)	2.6 (-25°C)	5.2 (-15°C)	3.8 (-25°C)
	Back up heating capacity	kW		0.0 (2°C)	0.0 (2°C)	0.0 (2°C)	0.0 (2°C)	0.0 (2°C)	0.0 (2°C)	
	Annual electricity consumption ⁽²⁾	kWh/a		376	397	429	471	614	787	
	SCOP			6.3	6.3	6.5	4.8 / 6.5	5.7	5.9	
		Energy efficiency class		A+++	A+++	A+++	A+++	A+++	A+++	

Type		Inverter Heat Pump								
Indoor Unit		MSZ-EF25VG		MSZ-EF35VG		MSZ-EF42VG		MSZ-EF50VG		
Outdoor Unit		MUZ-EF25VG	MUZ-EF25VGH	MUZ-EF35VGH	MUZ-EF35VGH	MUZ-EF42VGH	MUZ-EF42VGH	MUZ-EF50VGH		
Refrigerant		R32 ⁽¹⁾								
Cooling	Design load	kW		2.5	2.5	3.5	3.5	4.2	5.0	
	Annual electricity consumption ⁽²⁾	kWh/a		96	96	139	139	186	233	
	SEER			9.1	9.1	8.8	8.8	7.9	7.5	
		Energy efficiency class		A+++	A+++	A+++	A+++	A++	A++	
Heating (Warmer Season)	Design load	kW		1.3 (2°C)	1.3 (2°C)	1.6 (2°C)	1.6 (2°C)	2.1 (2°C)	2.3 (2°C)	
	Declared Capacity	at reference design temperature	kW		1.3 (2°C)	1.3 (2°C)	1.6 (2°C)	1.6 (2°C)	2.1 (2°C)	2.3 (2°C)
		at bivalent temperature	kW		1.3 (2°C)	1.3 (2°C)	1.6 (2°C)	1.6 (2°C)	2.1 (2°C)	2.3 (2°C)
		at operation limit temperature	kW		2.0 (-15°C)	2.0 (-15°C)	2.4 (-15°C)	2.4 (-15°C)	3.4 (-15°C)	3.5 (-15°C)
	Back up heating capacity	kW		0.0 (2°C)	0.0 (2°C)	0.0 (2°C)	0.0 (2°C)	0.0 (2°C)	0.0 (2°C)	
	Annual electricity consumption ⁽²⁾	kWh/a		311	311	398	398	489	595	
	SCOP			5.9	5.9	5.6	5.6	6.0	5.4	
		Energy efficiency class		A+++	A+++	A+++	A+++	A+++	A+++	

Type		Inverter Heat Pump										
Indoor Unit		MSZ-SF25VE3		MSZ-SF35VE3		MSZ-SF42VE3		MSZ-SF50VE3				
Outdoor Unit		MUZ-SF25VE	MUZ-SF25VEH	MUZ-SF35VE	MUZ-SF35VEH	MUZ-SF42VE	MUZ-SF42VEH	MUZ-SF50VE	MUZ-SF50VEH			
Refrigerant		R410A ⁽¹⁾										
Cooling	Design load	kW		2.5	2.5	3.5	3.5	4.2	4.2	5.0	5.0	
	Annual electricity consumption ⁽²⁾	kWh/a		116	116	171	171	196	196	246	246	
	SEER			7.6	7.6	7.2	7.2	7.5	7.5	7.2	7.2	
		Energy efficiency class		A++	A++	A++	A++	A++	A++	A++	A++	
Heating (Warmer Season)	Design load	kW		1.3 (2°C)	1.3 (2°C)	1.6 (2°C)	1.6 (2°C)	2.1 (2°C)	2.1 (2°C)	2.3 (2°C)	2.3 (2°C)	
	Declared Capacity	at reference design temperature	kW		1.3 (2°C)	1.3 (2°C)	1.6 (2°C)	1.6 (2°C)	2.1 (2°C)	2.1 (2°C)	2.3 (2°C)	2.3 (2°C)
		at bivalent temperature	kW		1.3 (2°C)	1.3 (2°C)	1.6 (2°C)	1.6 (2°C)	2.1 (2°C)	2.1 (2°C)	2.3 (2°C)	2.3 (2°C)
		at operation limit temperature	kW		2.0 (-15°C)	1.6 (-20°C)	2.2 (-15°C)	1.6 (-20°C)	3.4 (-15°C)	2.2 (-20°C)	3.4 (-15°C)	2.3 (-20°C)
	Back up heating capacity	kW		0.0 (2°C)	0.0 (2°C)	0.0 (2°C)	0.0 (2°C)	0.0 (2°C)	0.0 (2°C)	0.0 (2°C)	0.0 (2°C)	
	Annual electricity consumption ⁽²⁾	kWh/a		337	337	923 / 418	417	507	507	563	563	
	SCOP			5.4	5.4	5.4	5.4	5.8	5.8	5.7	5.7	
		Energy efficiency class		A+++	A+++	A+++	A+++	A+++	A+++	A+++	A+++	