



Type (Inverter Multi - Split Heat Pump)				Up to 2 Indoor Units				Up to 3 Indoor Units		Up to 4 Indoor Units		
Indoor Unit				Please refer to *4								
Outdoor Unit				MXZ-2F33VF	MXZ-2F42VF	MXZ-2F53VF	MXZ-2F53V FH	MXZ-3F54VF	MXZ-3F68VF	MXZ-4F72VF		
Refrigerant				R32**1								
Power Source				Outdoor power supply								
Supply Outdoor (V/Phase/Hz)				220 - 230 - 240V / Single / 50Hz								
Cooling	Capacity	Rated	kW	3.3	4.2	5.3	5.3	5.4	6.8	7.2		
	Input*4	Rated	kW	0.85	0.98	1.40	1.40	1.32	1.84	1.85		
	EER*4			3.88	4.29	3.79	3.79	4.09	3.70	3.89		
	EEL Rank*4			-	-	-	-	-	-	-		
	Design Load		kW	3.3	4.2	5.3	5.3	5.4	6.8	7.2		
	Annual Electricity Consumption*2		kWh/a	188	169	215	215	222	299	310		
	SEER*4			6.13	8.69	8.63	8.63	8.52	7.96	8.13		
Energy Efficiency Class*4			A++	A+++	A+++	A+++	A+++	A++	A++			
Heating (Average Season)	Capacity	Rated	kW	4.0	4.5	6.4	6.4	7.0	8.6	8.6		
	Input	Rated	kW	0.91	0.88	1.56	1.56	1.40	1.91	1.87		
	COP*4			4.40	5.11	4.10	4.10	5.00	4.50	4.60		
	EEL Rank*4			-	-	-	-	-	-	-		
	Design Load		kW	2.7	3.2	3.2	3.2	5.0	6.8	7.0		
	Declared Capacity	at reference design temperature	kW	2.2	2.7	2.7	2.7	4.0	5.5	5.6		
		at bivalent temperature	kW	2.4	2.9	2.9	2.9	4.5	6.1	6.2		
		at operation limit temperature	kW	1.8	2.3	2.3	2.1	3.2	4.6	4.8		
	Back Up Heating Capacity		kW	0.5	0.5	0.5	0.5	1.0	1.3	1.4		
	Annual Electricity Consumption*2		kWh/a	908	974	973	998	1520	2312	2410		
	SCOP*4			4.16	4.60	4.60	4.49	4.61	4.12	4.07		
	Energy Efficiency Class*4			A+	A++	A++	A+	A++	A+	A+		
Operating Current (max)			A	10.0	12.2	12.2	12.2	18.0	18.0	18.0		
Outdoor Unit	Dimensions	H x W x D	mm	550 - 800 (+69) - 285 (+59.5)				710 - 840 (+30) - 330 (+66)				
	Weight		kg	33	37	37	38	58	58	59		
	Air Volume	Cooling	m <sup>3</sup> /min	32.9	27.7	32.9	32.9	42.1	42.1	42.1		
		Heating	m <sup>3</sup> /min	33.7	33.3	33.3	33.3	43.0	43.0	43.0		
	Sound Level (SPL)	Cooling	dB(A)	49	44	46	46	46	48	48		
		Heating	dB(A)	50	50	51	51	50	53	54		
	Sound Level (PWL)	Cooling	dB(A)	60	59	61	61	60	63	63		
	Operating Current	Cooling	A	Pending	Pending	Pending	Pending	Pending	Pending	Pending		
		Heating	A	Pending	Pending	Pending	Pending	Pending	Pending	Pending		
	Breaker Size		A	15	15	15	15	25	25	25		
Ext. Piping	Port Diameter	Liquid / Gas	mm	6.35 x 2 / 9.52 x 2	6.35 x 2 / 9.52 x 2	6.35 x 2 / 9.52 x 2	6.35 x 2 / 9.52 x 2	6.35 x 3 / 9.52 x 3	6.35 x 3 / 9.52 x 3	6.35 x 4 / 12.7 x 1 + 9.52 x 3		
	Total Piping Length (max)		m	20	30	30	30	50	60	60		
	Each Indoor Unit Piping Length (max)		m	15	20	20	20	25	25	25		
	Max. Height		m	10	15(10)*3	15(10)*3	15(10)*3	15(10)*3	15(10)*3	15(10)*3		
	Chargeless Length		m	20	30	30	30	Refer to "Method Of Charging refrigerant"				
Guaranteed Operating Range [Outdoor]	Cooling	°C							-10 ~ +46			
	Heating	°C							-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 675. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 675 times higher than 1 kg of CO<sub>2</sub> 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.

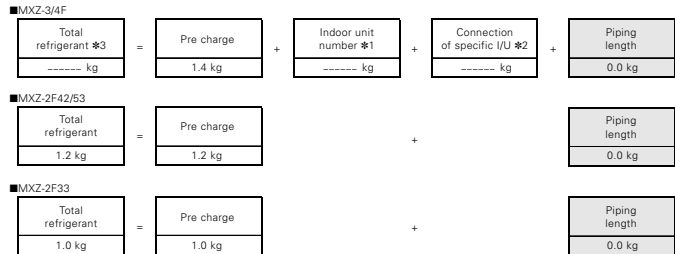
\*2 Energy consumption based on standard test results. Actual energy consumption will depend on how the appliance is used and where it is located.

\*3 If the outdoor unit is installed higher than the indoor unit, max. height is reduced to 10m.

\*4 EER/COP, EEL rank, SEER/SCOP values and energy efficiency class are measured when connected to the indoor units listed below.

- MXZ-2F33VF MSZ-AP15VF + MSZ-LN18VG
- MXZ-2F42VF MSZ-LN18VG + MSZ-LN25VG
- MXZ-2F53VF(H) MSZ-LN18VG + MSZ-LN35VG
- MXZ-3F54VF MSZ-LN18VG + MSZ-LN18VG + MSZ-LN18VG
- MXZ-3F68VF MSZ-LN18VG + MSZ-LN25VG + MSZ-LN25VG
- MXZ-4F72VF MSZ-LN18VG + MSZ-LN18VG + MSZ-LN18VG + MSZ-LN18VG

**Method of Charging refrigerant**



\*1 If you connect indoor unit number 3 or 4 units, please add to charge refrigerant amount 0.5kg

\*2 If you connect specific indoor unit(s), please add to charge refrigerant amount 0.17kg per Unit

- Specific indoor unit is following: MSZ-LN18/25/35VG MLZ-KP25/35/50VA
- SEZ-M50DAIL PCA-M50/60KA
- PEAD-M50JAILIQ

\*3 In case total refrigerant amount exceeds 2.4kg depending on combination, please charge only 1.0kg for maximum.