

KIREIA PLUS | KIREIA

MULTISPLIT R32



 **MITSUBISHI**
HEAVY INDUSTRIES

www.mitsubishi-termal.it

TECHNOLOGY AND DESIGN FOR IRRESISTIBLE COMFORT

Kireia Plus and Kireia are the air conditioners with an elegant and sophisticated design; their soft and compact shapes blend in with every room in the house. Choose between the traditional white colour and the technological titanium. Kireia Plus and Kireia guarantee efficiency and savings.



AN ALL-ITALIAN DESIGN

Soft lines, great attention to detail and genuine exclusivity.

Two available colours, white and titanium, which blend in with the home furnishings.

Italian design that also wins abroad, with the Silver A' Design Award.



OPERATING RANGE

Wide operability for all sizes.

up to **46°C**
in cooling

up to **-15°C**
in heating

ALLERGEN CLEAR FILTER, BREATHE HEALTHY AIR

Well-being also passes through the air we breathe. Kireia Evo makes our environment comfortable by sanitising the air. The Allergen Clear air filter, made by MHI, captures a wide range of germs, allergens and viruses linked to important health complications, including the risk of Coronavirus infection.



LARGE, SILENT FLOW WITH JET AIR TECHNOLOGY

Aircraft technology for wide and silent airflow. MHI has used the same aerodynamic analysis technology in developing jet engines for its air conditioners.

EVERYTHING IS UNDER CONTROL WITH SMART WIFI

Set the air conditioner wherever you are directly from your smartphone: switch it on, switch it off, set operating mode, and adjust temperature and airflow.



KIREIA Plus

MULTISPLIT



SRK 20-25-35-50-60 ZSX-WF(T)



<INCLUDED>

KIREIA

MULTISPLIT



SRK 15-20-25-35-50 ZS-WF(T)



RC INCLUDED

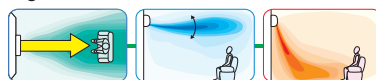
KIREIA PLUS model			SRK 20 ZSX-WF(T)	SRK 25 ZSX-WF(T)	SRK 35 ZSX-WF(T)	SRK 50 ZSX-WF(T)	SRK 60 ZSX-WF(T)
Rated heating	Cooling / Heating	kW	2.00 / 3.00	2.50 / 3.40	3.50 / 4.50	5.00 / 5.80	6.00 / 6.80
Dimensions / Net weight	LxDxH (mm) / kg		920x220x305 / 13	920x220x305 / 13	920x220x305 / 13	920x220x305 / 13	920x220x305 / 13
Sound power level (Hi)	Cooling	dB(A)	53	55	58	59	62
	Heating		55	56	58	62	63
Sound pressure level (Hi/Me/Lo/ULo)	Cooling	dB(A)	38/31/24/19	39/33/25/19	43/35/26/19	44/39/31/22	48/41/33/22
	Heating		38/33/25/19	40/34/27/19	42/35/28/19	47/41/33/23	47/42/34/23
Treated air volume (Hi/Me/Lo/ULo)	Cooling	m ³ /h	678/546/360/300	732/600/402/300	786/648/438/300	858/744/468/324	978/804/534/324
	Heating		732/618/432/324	768/660/468/324	834/708/516/324	1038/858/588/372	1068/822/654/372

KIREIA model			SRK 15 ZS-WF(T)	SRK 20 ZS-WF(T)	SRK 25 ZS-WF(T)	SRK 35 ZS-WF(T)	SRK 50 ZS-WF(T)
Rated heating	Cooling / Heating	kW	1.50 / 2.00	2.00 / 3.00	2.50 / 3.40	3.50 / 4.50	5.00 / 5.80
Dimensions / Net weight	LxDxH (mm) / kg		870x230x290 / 9.5	870x230x290 / 9.5	870x230x290 / 9.5	870x230x290 / 9.5	870x230x290 / 10
Sound power level (Hi)	Cooling	dB(A)	48	48	50	54	59
	Heating		50	50	53	56	60
Sound pressure level (Hi/Me/Lo/ULo)	Cooling	dB(A)	34/25/22/19	34/25/22/19	36/28/23/19	40/30/26/19	46/36/29/22
	Heating		36/29/23/19	36/29/23/19	39/30/24/19	41/36/25/19	46/37/31/24
Treated air volume (Hi/Me/Lo/ULo)	Cooling	m ³ /h	558/420/354/300	558/420/354/300	594/480/354/300	678/522/420/300	726/594/444/354
	Heating		600/510/390/354	600/510/390/354	678/522/402/354	738/660/420/336	834/672/546/444

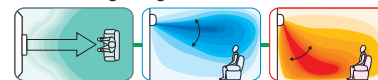
3D AUTO PROGRAMMING

Activates three independent air flows, generating a constant breeze that reaches every point in the room. In cooling mode, the air does not go directly on people but flows over the ceiling and comfort is felt as a cool breeze. In heating mode, the warm air flow spreads directly on the floor.

High Power



Wide swing range Direction: centre



Wide swing range Direction: all corners



Wide swing range Uniform distribution



COMPLETE LINE OF MHI INDOOR UNITS

LOW HEAD DUCTED

SRR 25-35-50-60 ZS-W



MEDIUM HEAD DUCTED

FDUM 50 VH



CONSOLE

SRF 25-35 ZS-W
SRF 50 ZSX-W



CEILING

FDE 50 VH



60X60 COMPACT CASSETTE

FDTC 25-35 VH1/FDTC 50-60 VH
Standard honeycomb panel
TC-PSA-5AW-E



FDTC 25-35 VH1/FDTC 50-60 VH
Anti-draft honeycomb panel
TC-PSAE-5AW-E



FDTC 25-35 VH1/FDTC 50-60 VH
Standard linear panel
TC-PSAG-5AW-E



FDTC 25-35 VH1/FDTC 50-60 VH
Anti-draft linear panel
TC-PSAGE-5AW-E



HIGH PERFORMANCE OF OUTDOOR UNITS

NEW R22



SCM
30-40-45 ZS-W



SCM
41-50-60 ZS-W



SCM
71-80 ZS-W



SCM
100 ZS-W

Outdoor unit	EER*	COP*	SEER*	SCOP*
SCM 30 ZS-W	5.77	5.41	8.60 / A+++	4.80 / A++
SCM 40 ZS-W	5.00	5.42	9.10 / A+++	4.70 / A++
SCM 45 ZS-W	4.69	5.00	9.10 / A+++	4.70 / A++
SCM 41 ZS-W	5.56	5.56	9.20 / A+++	4.60 / A++
SCM 50 ZS-W	4.90	5.17	8.80 / A+++	4.60 / A++
SCM 60 ZS-W	4.55	4.86	8.80 / A+++	4.60 / A++
SCM 71 ZS-W	5.00	4.91	8.30 / A++	4.60 / A++
SCM 80 ZS-W	4.71	4.77	8.20 / A++	4.60 / A++
SCM 100 ZS-W	3.70	4.41	8.60 / A+++	4.50 / A+

* The values shown may vary depending on the combinations chosen. For further information, refer to the technical manual.

Model		SCM 30 ZS-W	SCM 40 ZS-W	SCM 45 ZS-W	SCM 41 ZS-W	SCM 50 ZS-W	SCM 60 ZS-W	SCM 71 ZS-W	SCM 80 ZS-W	SCM 100 ZS-W	
Connectable indoor units (min - max)	no.	2 - 2	2 - 2	2 - 2	2 - 3	2 - 3	2 - 3	2 - 4	2 - 4	* 2 - 5	
I.U. connectable rated capacity min/max	kW	3.00 - 5.00	4.00 - 6.00	4.50 - 7.00	4.00 - 7.00	4.00 - 8.50	4.00 - 11.00	7.00 - 12.50	8.00 - 13.50	9.00 - 16.00	
Nominal data											
Rated capacity (T=+35°C)	Cooling	kW	3.00 (1.40~5.00)	4.00 (1.50~5.90)	4.50 (1.50~6.40)	4.00 (1.40~6.30)	5.00 (1.70~7.10)	6.00 (1.70~7.50)	7.10 (1.80~8.80)	8.00 (1.80~9.20)	10.00 (1.70~11.50)
Rated absorbed power (T=+35°C)		kW	0.52 (0.32~1.60)	0.80 (0.34~2.10)	0.96 (0.34~2.30)	0.72 (0.32~1.65)	1.02 (0.43~2.15)	1.32 (0.43~2.28)	1.42 (0.48~2.75)	1.70 (0.48~2.83)	2.70 (0.48~3.65)
Rated energy efficiency coefficient	Heating	EER ¹	5.77	5.00	4.69	5.56	4.90	4.55	5.00	4.71	3.70
Rated capacity (T=+7°C)		kW	4.00 (1.00~5.70)	4.50 (1.00~6.30)	5.30 (1.00~6.50)	4.50 (1.00~6.90)	6.00 (1.00~7.50)	6.80 (1.00~7.80)	8.60 (1.10~9.40)	9.30 (1.10~9.80)	10.50 (0.90~11.50)
Rated absorbed power (T=+7°C)		kW	0.74 (0.25~1.49)	0.83 (0.25~1.48)	1.06 (0.25~1.48)	0.81 (0.25~1.58)	1.16 (0.32~2.50)	1.40 (0.32~2.80)	1.75 (0.35~3.00)	1.95 (0.35~3.12)	2.38 (0.37~2.90)
Rated energy performance coefficient	COP ¹	5.41	5.42	5.00	5.56	5.17	4.86	4.91	4.77	4.41	
Seasonal data											
Seasonal energy efficiency index	Cooling	SEER ²	8.60	9.10	9.10	9.20	8.80	8.80	8.30	8.20	8.60
Seasonal energy efficiency class		626/2011 ³	A+++	A+++	A+++	A+++	A+++	A+++	A++	A++	A+++
Annual energy consumption	Heating	kWh/a	123	154	174	153	199	239	300	342	407
Seasonal energy efficiency index		SCOP ²	4.80	4.70	4.70	4.60	4.60	4.60	4.60	4.60	4.50
Seasonal energy efficiency class		(average climate conditions)	626/2011 ³	A++	A++	A++	A++	A++	A++	A++	A+
Annual energy consumption	kWh/a	962	1222	1222	1034	1430	1430	2038	2038	2116	
Refrigerant circuit											
Refrigerant ⁴	Type (GWP)	R32 (675)									
Quantity refrigerant pre-load	Kg	1.25	1.4	1.4	1.6	1.8	1.8	2.55	2.55	2.98	
Tons of CO ₂ equivalent	t	0.844	0.945	0.945	1.080	1.215	1.215	1.721	1.721	2.012	
Diameter of refrigerant piping	Liquid	mm	ø6.35 (1/4") x 2	ø6.35 (1/4") x 2	ø6.35 (1/4") x 2	ø6.35 (1/4") x 3	ø6.35 (1/4") x 3	ø6.35 (1/4") x 3	ø6.35 (1/4") x 4	ø6.35 (1/4") x 4	ø6.35 (1/4") x 5
	Gas	(inch)	ø9.52 (3/8") x 2	ø9.52 (3/8") x 2	ø9.52 (3/8") x 2	ø9.52 (3/8") x 3	ø9.52 (3/8") x 3	ø9.52 (3/8") x 3	ø9.52 (3/8") x 4	ø9.52 (3/8") x 4	ø9.52 (3/8") x 5
Total splitting length	m	30	30	30	40	40	40	70	70	75	
Max length of a single refrigeration line	m	25	25	25	25	25	25	25	25	25	
Max height difference I.U./O.U.	m	15	15	15	15	15	15	20	20	20	
Max height difference between I.U.	m	25	25	25	25	25	25	25	25	25	
Splitting length without additional load	m	30	20	20	40	40	40	30	30	40	
Additional load per metre of splitting	g/m	20	20	20	20	20	20	20	20	20	
Product specifications											
Dimensions	LxDxH	mm	780(+90)x290x595	780(+90)x290x595	780(+90)x290x595	850(+65)x290x640	850(+65)x290x640	850(+65)x290x640	880(+73)x340x750	880(+73)x340x750	970(+73)x370x945
Net weight	Kg	35.5	40	40	42.5	48.5	48.5	61	61	73	
Sound power level	Max	dB(A)	64	64	65	64	64	64	67	67	72
	Silent mode	dB(A)	51	51	52	52	52	52	54	54	59
Sound pressure level	Max	dB(A)	45	46	46	44	44	44	50	50	50
	Silent mode	dB(A)	45	46	46	44	44	44	50	50	50
Treated air volume	Max	m ³ /h	1950	1950	1950	2460	2460	2460	3360	3360	4500
Operating limits (outside temperature)	Cooling	°C	-15~46								
	Heating	°C	-15~24								

1. 2. 3. 4. For standards, please refer to the MHI general catalogue.

* The combinations with 2 indoor units have many limitations. Always check the proposed combination with our technical office.