

# Diamond ZR Series



## High efficiency with energy class A++ and high power

Diamond's new SRK-ZR models from MITSUBISHI HEAVY INDUSTRIES' Diamond Series are designed for larger spaces and suitable for server rooms as well. Provide maximum comfort when heating and cooling even at -15°C. They are distinguished by resistance to extreme conditions, easy management and elegant design. SRK-ZR guarantee fast, efficient and flawless operation, as well as extremely low noise levels for the higher power class.

## SRK-ZR-W



### HYPERINVERTER MODEL WALL TYPE

SRK63ZR-W, SRK71ZR-W, SRK80ZR-W, SRK100ZR-W



SRC63ZR-W



SRC71ZR-W, SRC80ZR-W



Wireless Remote



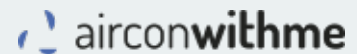
All indoor units SRK71ZR-W can be used in combination with SCM multisplit system outdoor unit.



### Wi-Fi module

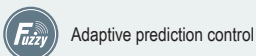
Free mobile application

The airconwithme® application allows easy and intuitive Wi-Fi AC control from anywhere with your smartphone or tablet.

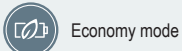


## FUNCTIONS

### Energy saving

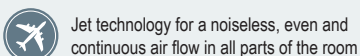


Adaptive prediction control

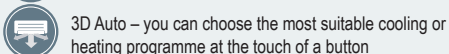


Economy mode

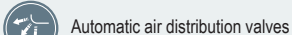
### Air flow



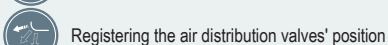
Jet technology for a noiseless, even and continuous air flow in all parts of the room



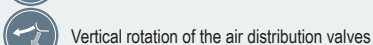
3D Auto – you can choose the most suitable cooling or heating programme at the touch of a button



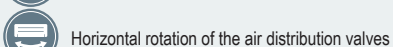
Automatic air distribution valves



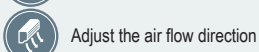
Registering the air distribution valves' position



Vertical rotation of the air distribution valves

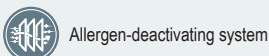


Horizontal rotation of the air distribution valves

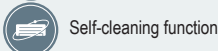


Adjust the air flow direction

### Filter cleaning operations



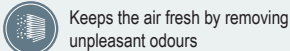
Allergen-deactivating system



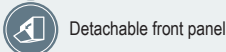
Self-cleaning function



Allergen Clear Filter

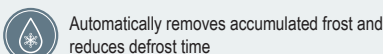


Keeps the air fresh by removing unpleasant odours

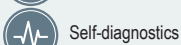


Detachable front panel

### Others



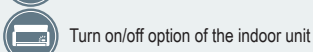
Automatically removes accumulated frost and reduces defrost time



Self-diagnostics

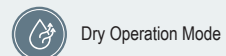


Auto Restart Function

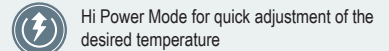


Turn on/off option of the indoor unit

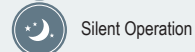
### Comfort and Coziness



Dry Operation Mode



Hi Power Mode for quick adjustment of the desired temperature



Silent Operation



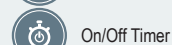
Night Setback



Weekly Timer



Sleep Timer



On/Off Timer



Comfort Start-up



Child Lock

**R32 refrigerant models are more environmentally friendly and up to 5% more efficient than R410A refrigerant models.**



SRK-ZR-W indoor units are "hybrid" and can be used with R32 or R410A refrigerant outdoor units.

## SPECIFICATIONS

Indoor unit			SRK63ZR-W	SRK71ZR-W	SRK80ZR-W	SRK100ZR-W
Outdoor unit			SRC63ZR-W	SRC71ZR-W	SRC80ZR-W	FDC100VNP-W
Power supply			1 Phase, 220 - 240V, 50Hz			
Cooling capacity (Min~Max)		kW	6.3 (1.2~7.4)	7.1 (2.3~7.8)	8.0 (2.3~9.7)	9.6 (2.1~9.6)
Heating capacity (Min~Max)		kW	7.1 (0.8~9.3)	8.0 (2.0~10.8)	9.0 (2.1~11.2)	10.0 (1.7~10.4)
Power consumption	Cooling/Heating	kW	1.63 / 1.64	1.93 / 1.95	2.09 / 2.27	3.10 / 2.80
EER/COP	Cooling/Heating		3.87 / 4.33	3.68 / 4.10	3.83 / 3.96	3.10 / 3.57
Energy Class	Cooling/Heating		A++ / A++	A++ / A+	A++ / A+	A++ / A+
SEER			8.10	7.40	7.00	6.11
SCOP (temperate climate)			4.70	4.50	4.40	4.14
Design capacity	Cooling/Heating -10°C	kW	6.30 / 5.40	7.10 / 6.60	8.00 / 7.10	9.6 / 6.0
Annual energy consumption	Cooling/Heating 2602 hours/4910 hours	kWh/a	273 / 1608	337 / 2055	401 / 2259	551 / 2028
The pre-estimated annual costs for cooling/heating		BGN	62 BGN / 368 BGN	77 BGN / 470 BGN	92 BGN / 517 BGN	126 BGN / 464 BGN
Sound power level	Indoor	Охлаждане (Ulo/Lo/Me/Hi)	25 / 35 / 39 / 44	25 / 37 / 41 / 44	26 / 39 / 44 / 47	27 / 40 / 45 / 48
		Отопление (Ulo/Lo/Me/Hi)	28 / 34 / 38 / 44	28 / 35 / 39 / 46	29 / 36 / 41 / 47	30 / 38 / 43 / 48
	Outdoor	Охлаждане/Отопление	54 / 54	53 / 51	56 / 55	56 / 54
Air flow	Indoor	Охлаждане (Ulo/Lo/Me/Hi)	10.4 / 15.7 / 18.1 / 20.5	10.4 / 16.2 / 18.6 / 20.5	10.4 / 17.5 / 20.2 / 23.5	10.4 / 17.6 / 21.3 / 24.5
		Отопление (Ulo/Lo/Me/Hi)	13.1 / 16.5 / 19.0 / 22.5	13.3 / 17.3 / 19.8 / 25.0	13.5 / 18.4 / 21.3 / 26.5	13.6 / 19.1 / 23.2 / 27.5
	Outdoor	Охлаждане/Отопление	41.5 / 41.5	55 / 43.5	63 / 49.5	63 / 55
Exterior dimensions	Indoor	Height x Width x Depth	339 x 1197 x 262			
	Outdoor		640 x 800 (+71) x 290	750 x 880 (+88) x 340		
Weight	Indoor/Outdoor	kg	15.5 / 45.0	15.5 / 56.0	16.5 / 57.0	
Refrigerant	Type/GWP		R32 / 675			
Refrigerant	Liquid/Gas	ø mm	6.35 (1/4") / 12.7 (1/2")	6.35 (1/4") / 15.88 (5/8")		
Refrigerant line length		m	Max.30			
Height differences	Outdoor is higher/lower	m	Max.20 / Max.20			
Outdoor temperature operating range	Cooling	°C	-15 ~ 46			
	Heating		-15 ~ 24			
Filter			Allergen Clear Filter x 1, Photocatalytic Washable Deodorizing Filter x 1			
<b>Price</b>			<b>3150 BGN</b>	<b>4030 BGN</b>	<b>5035 BGN</b>	<b>5592 BGN</b>
Price Wi-Fi adapter AM-MHI-01 for all models			160 BGN			

- The data are measured under the following conditions (ISO-T1): Cooling: Indoor temp. 27°CDB, 19°CWB, and outdoor temp. of 35°CDB.
- Indicates the value in an anechoic chamber. During operation these values are somewhat higher due to ambient conditions.
- SEER/SCOP – seasonal coefficients for the entire cooling/heating season, according to EN14825:2016 and Regulation (EU) No.2016 / 2281.
- Annual energy consumption is based on test results according to the standard.
- The actual energy consumption will depend on how the appliance is used and where it is installed.
- The pre-estimated annual costs for cooling/heating are based on the electricity rate for daily tariff as of October 2020 – BGN 0.2288 with VAT.



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