



Symbol photo

## OUTDOOR UNITS FOR 2-5 ROOMS

# Multisplit R32



### Highlights

- Two to five indoor units can be connected
- Total pipe lengths up to a maximum of 80m
- Compact, quiet & durable



Up to 5 individually combinable indoor units can be connected to one outdoor unit. This considerably reduces the installation effort as well as the space requirements in the outdoor area.



### Economical & reliable

- High energy efficiency (A++)
- Direct current hybrid inverter technology
- Twin-rotary compressor
- Exceptionally high efficiency in the partial load range
- Corresponds to the ECODESIGN Lot 10 Directive
- Wide operating temperature range
- Housing made of galvanized sheet steel with a cream-colored stove-enamel finish
- Large-scale, curved heat exchanger for low space requirements
- Automatic restart setting after power outage



### Resource-friendly

- Inverter control minimizes electricity consumption
- Eco operation
- Pre-filled with environmentally-friendly R32 refrigerant
- Air used as energy source in heating mode
- Unobtrusive design fits any interior
- "Quiet" function lowers the noise level by up to 5dB(A)



### Individually combinable indoor units

- MIRAI standard high-wall unit
- SUZIMI PLUS classic high-wall unit
- DAISEIKAI 9 premium high-wall unit
- Slim duct unit
- 60x60 SLIM cassette
- Console



### Comfort and saving functions

- Comfort IR remote controls optionally available
- Optional cable remote controls for cassette/duct unit
- Large, backlit display
- Weekly timer with 4 freely programmable settings per day
- 28 time programs per week
- Comfort sleep
- Hi Power
- Quiet
- Optional WiFi control via smartphone, tablet, or PC

Technical data			RAS-4M27U2AVG-E
Cooling capacity	kW	❄️	8,00
Cooling range (min.-max.)	kW	❄️	4,20 - 9,30
Power consumption (min./nom./max.)	kW	❄️	2,29
Energy efficiency EER	W/W	❄️	3,50
Energy efficiency SEER		❄️	6,11
Energy efficiency class		❄️	A++
Outdoor temperature operating range (min.-max.)	°C	❄️	-10/+46
Heating capacity	kW	🔥	9,00
Heating range (min.-max.)	kW	🔥	2,90 - 11,70
Power consumption (min./nom./max.)	kW	🔥	1,93
Energy efficiency COP	W/W	🔥	4,67
Energy efficiency SCOP		🔥	4,26
Energy efficiency class		🔥	A++
Outdoor temperature operating range (min.-max.)	°C	🔥	-15/+24
Power supply	V/Ph+N/Hz		220-240/1/50
Current consumption (nom.)	A		10,46
Current consumption (max.)	A		10,94
Recommended power supply line type			H07RN-F 3G2,5
Recommended fusing	A		20
Communication line			H07RN-F 4G1,5
Sound pressure level (low/med/high)	dB(A)	❄️	48
Sound pressure level (low/med/high)	dB(A)	🔥	49
Sound power level	dB(A)	❄️	63
Sound power level	dB(A)	🔥	64,0
Suction gas pipe diameter	mm (inch)		2x 9,5 (3/8), 2x 12,7 (1/2)
Liquid pipe diameter	mm (inch)		4x 6,3 (1/4)
Connectable indoor units (max.)	Pce.		4
Pipe length (min.)	m		3
Pipe length (max.)	m		70
Pipe length/indoor unit (min.)	m		3
Pipe length/indoor unit (max.)	m		25
Height difference (max.)	m		15
Airflow	m <sup>3</sup> /h		2507
Compressor type			Twin-Rotary
Refrigerant			R32
Refrigerant charge	kg		1,92
Pre-charged up to	m		40
Added refrigerant charge	g/m		20
Dimensions (HxWxD)	mm		890 x 900 x 320
Weight	kg		72

❄️ Cooling 🔥 Heating

The measuring conditions for this product can be found at <http://www.toshiba-klima.at/en/measuring-conditions.html>



**Energy Label:** Energy label **A+ to A+++**, indicates the power consumption and energy efficiency class.



**HI POWER:** Particularly strong airflow for quickly reaching the requested temperature.



**ErP Ecodesign:** All criteria of **ECODESIGN**-guideline are fulfilled and confirm highest system efficiency.



**Auto diagnostic:** Check of system for flawless operation.



**Hybrid inverter control:** Smooth capacity regulation.



**Eco Mode:** Energy saving function.



**Rotary compressor:** Reliability and high efficiency.



**Quiet Mode:** Particularly low noise level - whispering mode.



**Twin rotary compressor:** Long-lasting, smoothly running and highest efficiency.



**Comfort Sleep:** Gradual increase of temperature by 2 °C until morning.



**R410A:** Used refrigerant: R410A.



**Power Selection:** Capacity regulation and therefore power savings of up to 25, 50 or 75%.



**R32:** Used refrigerant: R32.



**Floor Mode:** Natural floor warming effect for greater comfort.



**Wifi ready:** Optional control of the system via a smartphone.



**Preset Mode:** Activates individual settings at the touch of a button.



**KNX:** Optional KNX bus connection.



**One Touch Mode:** Fully automatic operation adapted to your needs.



**Dust filter:** Washable filter against coarse contamination.



**Timer:** Individual programming of on-/off times.



**IAQ filter:** Fine mesh filter with natural substances.



**Off Timer:** Shutdown of the unit at chosen times (30 min to 12 h).



**Active carbon-catechin filter:** Cleansing filter with enzymes from green tea.



**Week Timer:** Up to four settings per day and seven per week.



**Plasma filter: Pure Mode:** Electrostatic filter system.



**Automatic Restart:** After a power blackout.



**Air ionizer:** Negative ions cover polluted particles in the air. Dust, pollen and smoke are neutralized.



**8 °C frost protection function:** Frost protection for uninhabited rooms.



**Self-cleaning function:** Usage of condensate water for cleaning.



**Louver:** Flexible setting of louvers.



**Auto Mode:** Automatic selection between cooling and heating.



**3D Airflow:** 6 different airflow patterns in all directions.