



## PREMIUM SINGLE-SPLIT

# Daiseikai 9 - R32



### Highlights

- Maximum energy efficiency A+++
- "Wooden texture reflect" finish in white
- "Fireplace" operating mode
- Two "silent" modes for the outdoor unit

Daiseikai 9 combines design with comfort and the ultimate in efficiency. Both outdoor and indoor units combine flawless operation with timeless design and the very best air filter system.



### Attractive and economical

- Highest energy efficiency (A+++)
- SEER values up to 10.6
- Direct current hybrid inverter technology
- Twin-rotary compressor
- Exceptionally high efficiency in the partial load range
- Single installation
- Colored, dimmable LED displays
- Draft-free comfort due to 3D air distribution
- Stylish wooden texture reflect surface



### Resource-friendly

- Inverter control minimizes electricity consumption
- Eco operation
- Air used as energy source in heating mode
- Unobtrusive design fits any interior
- Compact & quiet outdoor unit



### Cleaner ambient air

- Washable dust filter that covers the entire heat exchanger
- Special coating of the heat exchanger fins
- Self-cleaning function dries the heat exchanger after operation
- Plasma filter
- SUPER ionizer
- Optional active carbon-catechin filter strips (art.818F0023)
- Optional IAQ filter strips (art.818F0036)



### Easy operation

- Comes with comfort infrared remote control as standard
- Clear & easy operation
- Large, backlit display
- Weekly timer with 4 freely programmable settings per day
- 28 time programs per week
- 8°C frost protection function
- Power Select
- Automatic mode
- Eco mode
- Hi Power
- Quiet
- Preset
- Comfort Sleep
- 3D airflow with 6 air flow patterns
- Automatic restart setting after power outage
- Cooling-only & heating-only settings
- Optional WiFi control via smartphone, tablet, or PC
- Fireplace operating mode uses heat from other sources
- Silent mode reduces outdoor unit sound pressure by up to 4 dB(A)

## Daiseikai 9 - R32 / SET

Indoor unit			RAS-16PKVPG-E
Outdoor unit			RAS-16PAVPG-E
Cooling capacity	kW		4,50
Cooling range (min.-max.)	kW		0,90 - 5,10
Heating capacity	kW		4,50
Heating range (min.-max.)	kW		0,80 - 6,80
Energy efficiency EER	W/W		4,17
Energy efficiency COP	W/W		4,01
Energy efficiency SEER			8,50
Energy efficiency SCOP			4,60
Power supply	V/Ph+N/Hz		220-240/1/50
Recommended fusing	A		13
Power consumption (min./nom./max.)	kW		0,18/1,08/1,38
Power consumption (min./nom./max.)	kW		0,17/1,37/2,05
Annual electricity consumption	kWh/a		185
Annual electricity consumption	kWh/a		1369
Sound pressure level (low/med/high)	dB(A)		49
Sound pressure level (low/med/high)	dB(A)		50
Sound power level	dB(A)		64
Sound power level	dB(A)		65
Compressor type			Twin-Rotary
Suction gas pipe diameter	mm (inch)		9,5 (3/8)
Liquid pipe diameter	mm (inch)		6,3 (1/4)
Energy efficiency class			A+++
Energy efficiency class			A++
Pdesign h	kW		4,50
Pdesign c	kW		4,50
Outdoor temperature operating range (min.-max.)	°C		-15/+46
Outdoor temperature operating range (min.-max.)	°C		-15/+24

Indoor unit			RAS-16PKVPG-E
Dimensions (HxWxD)	mm		293 x 851 x 270
Weight	kg		14
Airflow	m <sup>3</sup> /h		730
Sound pressure level (low/med/high)	dB(A)		22/-/45
Sound pressure level (low/med/high)	dB(A)		22/-/46
Sound power level	dB(A)		60
Sound power level	dB(A)		61
Condensate pipe diameter	mm		VP13

## Daiseikai 9 - R32 / SET

Outdoor unit		RAS-16PAVPG-E	
Added refrigerant charge	g/m		20
Current consumption (max.)	A		6,16
Current consumption (nom.)	A		5,63
Refrigerant			R32
Refrigerant charge	kg		1,00
CO2 equivalent	t		0,675
Power supply	V/Ph+N/Hz		220-240/1/50
Recommended fusing	A		13
Dimensions (HxWxD)	mm		630 x 800 x 300
Weight	kg		43
Airflow	m <sup>3</sup> /h		2540
Sound pressure level (low/med/high)	dB(A)	❄️	49
Sound pressure level (low/med/high)	dB(A)	🔥	50
Sound power level	dB(A)	❄️	64
Sound power level	dB(A)	🔥	65
Compressor type			Twin-Rotary
Suction gas pipe diameter	mm (inch)		9,5 (3/8)
Liquid pipe diameter	mm (inch)		6,3 (1/4)
Pipe length (max.)	m		25
Pipe length (min.)	m		2
Pre-charged up to	m		15
Height difference (max.)	m		10
Outdoor temperature operating range (min.-max.)	°C	❄️	-15/+46
Outdoor temperature operating range (min.-max.)	°C	🔥	-15/+24

❄️ 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.