



ENVIRONMENTALLY-FRIENDLY EXTRA Suzumi Plus R32



Highlights

- Modern, sleek design
- 3D Smart Air Flow (size 18 and 22)
- WiFi option



Comfort model of the Suzumi Plus model series with refrigerant R32. In a new, modern design, this unit actively contributes to climate protection – without compromising on comfort or convenience. The set consists of an outdoor unit and indoor unit, including remote control.

→ Attractive and economical

- Excellent energy efficiency (A++)
- Direct current hybrid inverter technology
- Single- (10, 13, 16) or twin-rotary compressor (18, 22)
- Exceptionally high efficiency in the partial load range
- Single installation
- Colored, dimmable LED displays
- Infrared remote control can be used as a cable remote control
- Draft-free comfort via 3D "Smart Air Flow" (18, 22)

→ Resource-friendly

- Inverter control minimizes electricity consumption
- Eco operation
- Pre-filled with environmentally-friendly refrigerant R32
- 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
- "Dustless coil" coating of the heat exchanger fins
- Self-cleaning function dries the heat exchanger after operation




















→ Easy operation



- Infrared remote control included
- Clear & easy operation
- OFF timer
- Automatic mode
- Hi Power
- Quiet
- Preset
- Comfort Sleep
- Automatic restart setting after power outage
- Optional WiFi control via smartphone, tablet, or PC
- WiFi module can be integrated into the indoor unit (18, 22)

→ Optional comfort and saving functions

- Comfort infrared remote control optionally available
- Large, backlit display
- Weekly timer with 4 freely programmable settings per day
- 28 time programs per week
- 8°C frost protection function
- Power Select

Suzumi Plus R32 / SET

Indoor unit			RAS-16PKVSG-E
Outdoor unit			RAS-16PAVSG-E
Cooling capacity	kW		4,60
Cooling range (min.-max.)	kW		1,20 - 5,30
Heating capacity	kW		5,50
Heating range (min.-max.)	kW		0,90 - 6,50
Efficiency EER	W/W		3,29
Efficiency COP	W/W		3,62
Efficiency SEER			6,50
Efficiency SCOP			4,20
Power consumption (min/nom/max)	kW		0,23/1,40/1,72
Power consumption (min/nom/max)	kW		0,17/1,52/1,82
Annual electricity consumption	kWh/a		248
Sound pressure level (low/medium/high)	dB(A)		49,0
Sound pressure level (low/medium/high)	dB(A)		52,0
Sound power level	dB(A)		64,0
Sound power level	dB(A)		67,0
Compressor type			Single-Rotary
Pipe dimension suction	mm (inch)		12,7 (1/2)
Pipe dimension liquid	mm (inch)		6,3 (1/4)
Energy label			A++
Energy label			A+
Pdesign h	kW		4,00
Pdesign c	kW		4,60
Outdoor temperature operating range (min/max)	°C		-15/+46
Outdoor temperature operating range (min/max)	°C		-15/+24

Indoor unit			RAS-16PKVSG-E
Dimensions (H/W/D)	mm		293 x 798 x 230
Weight	kg		9
Airflow	m ³ /h		348/750
Sound pressure level (low/medium/high)	dB(A)		25/43
Sound pressure level (low/medium/high)	dB(A)		26/43
Sound power level	dB(A)		58,0
Sound power level	dB(A)		58,0
Pipe dimension, condensate	Ø mm		VP13

Suzumi Plus R32 / SET

Outdoor unit		RAS-16PAVSG-E	
Refrigerant			R32
Capacity	kg		0,80
CO2-equivalent	t		0,54
Power supply	V/Ph/Hz		220-240/1/50
recommended fusing	A		13
Dimensions (H/W/D)	mm		550 x 780 x 290
Weight	kg		38
Airflow	m ³ /h		2040
Sound pressure level (low/medium/high)	dB(A)		49,0
Sound pressure level (low/medium/high)	dB(A)		52,0
Sound power level	dB(A)		64,0
Sound power level	dB(A)		67,0
Compressor type			Single-Rotary
Pipe dimension suction	mm (inch)		12,7 (1/2)
Pipe dimension liquid	mm (inch)		6,3 (1/4)
Maximum pipe length	m		20
Minimal pipe length	m		2
Pre-filled up to	m		15
Maximum height difference	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.