



COMFORT ALLROUNDER

High-wall unit R32/R410A



Highlights

- Modern, compact design
- Comfort features taken from the domestic sector
- Preset, Quiet, Hi Power, Comfort Sleep
- Infrared remote control included



High-wall unit for RAV single-room systems for combination with Digital Inverter, Super Digital Inverter, and BIG Digital Inverter outdoor units for refrigerant R32 or R410A. With their unobtrusive design, these high-wall units are ideal for offices, shops, hotels, plant rooms, restaurants, etc. Available in four power levels from 2.5 to 6.7 kW.



Performance

- Suitable for 24-hour continual operation
- High energy efficiency
- High-performance heat exchanger
- Self-cleaning function dries the heat exchanger after operation
- Low-noise 5-stage fan
- Auto diagnostic system



Technical details

- Can be combined with all cable remote controls
- Integrated TCC link interface
- Can be integrated into VRF control systems via a TCC link
- Automatic restart setting after power outage
- Optional redundancy box available
- Refrigerant lines can be connected from 3 sides



Flexibility

- Compatible with R32 or R410A outdoor units
- Large air control fin
- Optimal air distribution, even in large spaces
- Easy-to-remove, washable dust filters
- "Easy Cleaning" design



Easy operation

- Infrared remote control included
- 24-hour timer
- Automatic mode
- Hi Power
- Quiet
- Preset
- Comfort Sleep
- Optional WiFi control via smartphone, tablet, or PC

High-wall unit R32/R410A

Technical data			RAV-RM301KRTP-E
Cooling capacity	kW	❄️	2,50
Cooling range (min.-max.)	kW	❄️	0,90 - 3,00
Power consumption (min./nom./max.)	kW	❄️	0,25/0,61/0,82
Energy efficiency EER	W/W	❄️	4,10
Energy efficiency SEER		❄️	6,36
Energy efficiency class		❄️	A++
Heating capacity	kW	🔥	3,40
Heating range (min.-max.)	kW	🔥	0,80 - 4,50
Power consumption (min./nom./max.)	kW	🔥	0,17/0,85/1,40
Energy efficiency COP	W/W	🔥	4,00
Energy efficiency SCOP		🔥	4,10
Energy efficiency class		🔥	A+
Sound pressure level (low/med/high)	dB(A)	❄️	29/34/40
Sound pressure level (low/med/high)	dB(A)	🔥	29/34/40
Sound power level	dB(A)	❄️	44/49/55
Sound power level	dB(A)	🔥	44/49/55
Airflow	m³/h		450/540/670
Refrigerant			R32/R410A
Dimensions (HxWxD)	mm		293 x 798 x 230
Weight	kg		10

❄️ 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.



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



Hybrid inverter control: Smooth capacity regulation.



Rotary compressor: Reliability and high efficiency.



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



R410A: Used refrigerant: R410A.



R32: Used refrigerant: R32.



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



KNX: Optional KNX bus connection.



Dust filter: Washable filter against coarse contamination.



IAQ filter: Fine mesh filter with natural substances.



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



Plasma filter: Pure Mode: Electrostatic filter system.



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



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



Auto Mode: Automatic selection between cooling and heating.



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



Auto diagnostic: Check of system for flawless operation.



Eco Mode: Energy saving function.



Quiet Mode: Particularly low noise level - whispering mode.



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



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



Floor Mode: Natural floor warming effect for greater comfort.



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



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



Timer: Individual programming of on-/off times.



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



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



Automatic Restart: After a power blackout.



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



Louver: Flexible setting of louvers.



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

VERSATILE WORKHORSE

Digital Inverter R32



Symbol photo



Highlights

- Compact, light & quiet
- Optimal ratio of power to installation surface
- Twin-rotary compressor



Digital Inverter outdoor unit for RAV single-room systems with refrigerant R32 for cooling or heating with a wide performance spectrum. Available in six power levels from 2.5 to 12.0 kW.



Performance

- Suitable for 24/7 continual operation
- Very good energy efficiency values (up to A+++)
- SEER values up to 6.34 possible depending on the combination
- SCOP values up to 4.60 possible depending on the combination
- Exceptionally high efficiency in the partial load range
- Controls at the lowest, min. capacities
- Corresponds to the ECODSIGN Lot 10 Directive



Flexibility

- Max. pipe lengths up to 50 m
- Max. height differences up to 30 m
- Flexible control options
- Wide operating temperature range from -15 to +46 °C



Technical details

- Direct current hybrid inverter technology
- All units 1-phase, 230 V available
- Power capacities of 10 & 12 kW; alternative 3-phase, 400V available
- Inspection window simplifies maintenance
- Kit available for noise reduction & power limitation
- Night Operation setting
- Save Operation setting for requirement limitation of 50% to 100%

Digital Inverter R32

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Cooling capacity	kW	❄️	2,50
Outdoor temperature operating range (min.-max.)	°C	❄️	-15/+46
Heating capacity	kW	🔥	3,40
Outdoor temperature operating range (min.-max.)	°C	🔥	-15/+15
Sound pressure level (low/med/high)	dB(A)	❄️	46
Sound pressure level (low/med/high)	dB(A)	🔥	47
Sound pressure level (night operation)	dB(A)		43/44
Sound power level	dB(A)	❄️	61
Sound power level	dB(A)	🔥	62
Suction gas pipe diameter	mm (inch)		9,5 (3/8)
Liquid pipe diameter	mm (inch)		6,3 (1/4)
Pipe length (min.)	m		2
Pipe length (max.)	m		20
Height difference (max.)	m		10
Airflow	m³/h		1800
Power supply	V/Ph+N/Hz		220-240/1N/50
Recommended fusing	A		10
Current consumption (nom.)	A		2,7
Current consumption (max.)	A		7,8
Recommended power supply line type			H07RN-F 3G1,5
Communication line			H07RN-F 4G1,5
Compressor type			Twin-Rotary
Refrigerant			R32
Refrigerant charge	kg		0,60
Pre-charged up to	m		15
Added refrigerant charge	g/m		20
Dimensions (HxWxD)	mm		550 x 780 x 290
Weight	kg		33

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