

NORDICS

RAS-N4KVRG-ND
HAORI



HAORI, the air conditioner that respects your universe with a truly elegant design, operating with R32 refrigerant with low Global Warming Potential. This is the perfect fusion of aesthetics and technology providing increased comfort and very low noise levels, for extreme Nordic climate conditions. The modern and straight shapes of HAORI are in harmony with any home decor.

Energy class A++ +/- A+++

- Very high energy efficiency class, both in heating and cooling.
- Very low energy consumption in all conditions.
- Wide operating range down to -25°C in heating mode.
- @ -25°C heating capacity up to 2.7kW.

Ultra-quiet system

- HAORI Silent function halves the sound level of the outdoor unit down to 37 dB(A), while its Quiet function reduces noise from the indoor unit to less than 19 dB(A) for a good night's sleep.

User friendly wireless remote control with weekly timer

- Quiet mode for Comfort Sleep operating indoor at the lowest noise level
- Silent CDU is Toshiba's unique noise reduction function of outdoor unit for neighborhood comfort.
- Hi Power capacity booster to reach comfort set point very fast.
- HADA-CARE to set louver position to generate indirect air flow for better air distribution to homogenize room temperature in cooling mode.
- OFF timer provides a very convenient automatic programmable stop function.
- 8 °C heating, protects your home and contents from freezing temperatures while you are away, making it the perfect choice in winter.
- Fire place in heating mode: Toshiba's unique fireplace mode provides optimum diffusion heat from your fireplace or other heat sources, by keeping the indoor unit fan blowing continuously at low speed, even when the compressor is switched off.
- On-demand defrost: In certain extreme conditions, one can manually defrost at any time by pressing SET button for 5 seconds.



MAX EFFICIENCY



SEER 7.7
SCOP 5.1

CAPACITY



3.2kW > 4.2kW

OPERATION



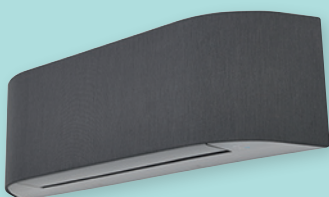
-25°C > +24°C

> **Modern edge design** with discreet dimming lights

> **100% Toshiba quality with DC rotary inverter compressor**

> **Wi-Fi control ready with Toshiba Home AC Control** adaptor inside FCU

> **Silent modes** with indoor unit Quiet mode & Silent outdoor unit function



INDOOR UNITS

RAS-25N4KVRG-ND
RAS-35N4KVRG-ND



OUTDOOR UNITS

RAS-25J2AVSG-ND1
RAS-35J2AVSG-ND1



REMOTE CONTROLS

Delivered with the unit

HAORI Performance data

Outdoor unit			RAS-25J2AVSG-ND1	RAS-35J2AVSG-ND1
Indoor unit			RAS-25N4KVRG-ND	RAS-35N4KVRG-ND
Heating capacity	kW		3.2	4.2
Heating range (min. - max.)	kW		(1.0 - 7.2)	(1.0 - 7.7)
Power input (min. - rated - max.)	kW	H	(0.2 - 0.65 - 2.4)	(0.2 - 0.92 - 2.5)
Pdesignh	kW		2.7	3.6
COP	W/W		4.92	4.57
SCOP			5.1	5.1
Energy efficiency class		H	A+++	A+++
Maximum heating capacity @ OAT -10°C	kW	H	4.1	4.5
Maximum heating capacity @ OAT -15°C	kW	H	3.8	4.0
Maximum heating capacity @ OAT -20°C	kW	H	3.2	3.3
Maximum heating capacity @ OAT -25°C	kW	H	2.6	2.7
Maximum heating capacity @ OAT -30°C	kW	H	-	-
Cooling capacity	kW		2.8	3.5
Cooling range (min. - max.)	kW		(1.1 - 3.5)	(1.3 - 4.5)
Power input (min. - rated - max.)	kW	C	(0.22 - 0.63 - 0.87)	(0.26 - 0.85 - 1.37)
Pdesignc	kW		2.8	3.5
EER	W/W		4.44	4.12
SEER			7.7	7.3
Energy efficiency class		C	A++	A++

HAORI Physical data indoor

Indoor unit			RAS-25N4KVRG-ND	RAS-35N4KVRG-ND
Air flow (h)	m³/h - l/s	C	600 - 166	670 - 186
Air flow (l)	m³/h - l/s	C	300 - 83	320 - 89
Sound pressure level (h/l (q))	dB(A)	C	41/19	43/19
Sound power level (h)	dB(A)	C	54	56
Air flow (h)	m³/h - l/s	H	610 - 169	680 - 189
Air flow (l)	m³/h - l/s	H	300 - 86	320 - 89
Sound pressure level (h/l (q))	dB(A)	H	43/19	44/19
Sound power level (h)	dB(A)	H	56	57
Dimensions (hxwx d)	mm		300 x 987 x 210	300 x 987 x 210
Weight	kg		11	11

HAORI Physical data outdoor

Outdoor unit			RAS-25J2AVSG-ND1	RAS-35J2AVSG-ND1
Air flow (max)	m³/h - l/s	C	1920 - 532	1980 - 548
Sound pressure level (night mode)	dB(A)	C	45 (39)	47 (41)
Sound power level	dB(A)	C	58	60
Operating range	°C	C	-15 ~ 46	-15 ~ 46
Air flow (max)	m³/h - l/s	H	1920 - 532	1980 - 548
Sound pressure level (night mode)	dB(A)	H	47 (41)	48 (42)
Sound power level (h)	dBA	H	60	61
Operating range	°C	H	-25 ~ 24	-25 ~ 24
Dimensions (hxwx d)	mm		550 x 780 x 290	550 x 780 x 290
Weight	kg		38	38
Compressor type			DC Twin Rotary	DC Twin Rotary
Flare connections (gas-liquid)			3/8" - 1/4"	3/8" - 1/4"
Minimum pipe length	m		2	2
Maximum pipe length	m		20	20
Maximum height difference	m		10	10
Chargeless pipe length	m		15	15
Remote			WH-UA04UE	WH-UA04UE
Refrigerant amount	kg		0.76	0.76
Power supply	V-ph-Hz		220-240/1/50	220-240/1/50

C: cooling mode
H: heating mode