

NORDICS

RAS-N4KVPG-ND
DAISEIKAI 9.5



The exclusive new Daiseikai 9 is the market benchmark for extreme Nordic conditions in its category. Its new elegant design and higher standards in efficiency and comfort, maximize energy savings, even in extreme winter conditions, and offer exceptional indoor air quality thanks to its exclusive filtration system.

High 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 -30°C in heating mode.
- @ -25°C Heating capacity up to 3.8kW.

Extremely Silent

- Less than 20dB(A) in silent mode.

Indoor air quality with double filtration system

- The Plasma Ion Charger filtration system associated with self-cleaning coil provides a pure and healthy environment.

User friendly wireless remote control with weekly timer

- One-Touch User Comfort parameter pre-set
- 8°C button for antifrost during holiday periods.
- Comfort Sleep for extra silence mode.
- 3D air flow control with vertical & horizontal motorized louvers: pre-set directions or automatic sweeping.
- Fire place mode with constant fan speed to improve comfort in all conditions.
- Weekly timer with 4 freely programmable settings per day and 7 different programs per week
- Capacity booster to reach comfort set point very fast.
- Outdoor unit noise reduction at night.
- On-demand defrosting.



MAX EFFICIENCY



SEER 9.0
SCOP 5.3

CAPACITY



3.2kW > 4.0kW

OPERATION



-30°C > +24°C

> High heating capacities in extremewinter conditions

> Elegant & modern design with discreet diming lights changing colors with cooling and heating modes

> 100% Toshiba quality with DC Twin Rotary inverter compressor

> Wifi control ready with Wifi module accessory integrated in high-wall chassis

> Exceptional indoor air quality Impurities are ionized by the plasma ion charger and absorbed by heat exchanger



INDOOR UNITS

RAS-25N4KVPG-ND
RAS-35N4KVPG-ND



OUTDOOR UNITS

RAS-25N4AVPG-ND
RAS-35N4AVPG-ND



REMOTE CONTROLS

Delivered with the unit

DAISEIKAI 9.5

DAISEIKAI 9.5 Performance data

Outdoor unit			RAS-25N4AVPG-ND	RAS-35N4AVPG-ND
Indoor unit			RAS-25N4KVPG-ND	RAS-35N4KVPG-ND
Heating capacity	kW		3.2	4.0
Heating range (min. - max.)	kW		(0.7 - 6.7)	(0.9 - 7.7)
Power input (min. - rated - max.)	kW	H	(0.15 - 0.60 - 1.9)	(0.2 - 0.8 - 2.4)
Pdesignh	kW		3.0	3.8
COP	W/W		5.33	5.0
SCOP			5.3	5.1
Energy efficiency class		H	A+++	A+++
Maximum heating capacity @ OAT -10°C	kW	H	5.0	5.8
Maximum heating capacity @ OAT -15°C	kW	H	4.7	4.8
Maximum heating capacity @ OAT -20°C	kW	H	4.3	4.4
Maximum heating capacity @ OAT -25°C	kW	H	3.7	3.8
Maximum heating capacity @ OAT -30°C	kW	H	2.7	2.9
Cooling capacity	kW		2.5	3.5
Cooling range (min. - max.)	kW		0.75 - 3.50	0.9 - 4.1
Power input (min. - rated - max.)	kW	C	0.16 - 0.44 - 0.75	0.23 - 0.77 - 0.98
Pdesignc	kW		2.5	3.5
EER	W/W		5.68	4.55
SEER			9	8.9
Energy efficiency class		C	A+++	A+++

DAISEIKAI 9.5 Physical data indoor

Indoor unit			RAS-25N4KVPG-ND	RAS-35N4KVPG-ND
Air flow (h)	m³/h - l/s	C	670 - 187	690 - 192
Air flow (l)	m³/h - l/s	C	300 - 83	300 - 83
Sound pressure level (h/l (q))	dB(A)	C	42/24 (19)	43/25 (19)
Sound power level (h)	dB(A)	C	55	56
Air flow (h)	m³/h - l/s	H	720 - 202	760 - 212
Air flow (l)	m³/h - l/s	H	310 - 85	310 - 85
Sound pressure level (h/l (q))	dB(A)	H	44/24 (19)	44/25 (19)
Sound power level (h)	dB(A)	H	57	57
Dimensions (hxwx d)	mm		293 x 851 x 270	293 x 851 x 270
Weight	kg		14	14

DAISEIKAI 9.5 Physical data outdoor

Outdoor unit			RAS-25N4AVPG-ND	RAS-35N4AVPG-ND
Air flow (max)	m³/h - l/s	C	2160 - 600	2490 - 692
Sound pressure level (night mode)	dB(A)	C	46 (40)	48 (42)
Sound power level	dB(A)	C	59	61
Operating range	°C	C	-15 ~ 46	-15 ~ 46
Air flow (max)	m³/h - l/s	H	2160 - 600	2490 - 692
Sound pressure level (night mode)	dB(A)	H	47 (41)	49 (43)
Sound power level (h)	dB(A)	H	60	62
Operating range	°C	H	-30 ~ 24	-30 ~ 24
Dimensions (hxwx d)	mm		630 x 800 x 300	630 x 800 x 300
Weight	kg		43	46
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		25	25
Maximum height difference	m		15	15
Chargeless pipe length	m		15	15
Remote			WH-TA01LE	WH-TA01LE
Refrigerant amount	kg		1.1	1.1
Power supply	V-ph-Hz		220-240/1/50	220-240/1/50

C: cooling mode
H: heating mode