



RAS-B_N3KVP-E **DAISEIKAI 6.5**



The Innovative Daiseikai family, with higher standard in efficiency and comfort is compatible with Monosplit & Multisplit condensing units (B-code). It offers exceptional indoor air quality thanks to its exclusive filtration system.

Energy Class A+++ / A++ (size 10)

High energy efficiency class in cooling.

Low energy consumption in all conditions.

Indoor air quality with double filtration system

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

The Ionizer System provides pure air by absorbing smoke and bad odors, this function can be activated anytime by pushing the "PURE" button on remote controller.

User friendly wireless remote control with weekly timer

One-Touch for User Comfort parameter pre-set.

2D airflow control with horizontal motorized louvers : pre-set directions or automatic sweeping.

Timer with programmable settings.

Capacity booster to reach comfort set point very fast
ECO-Logic button to reduce energy consumption by 25%
Power reduction button reduces the consumption up to 50% to prevent black-outs when other appliances are used.

8°C button for anti-frost during holiday periods.

Comfort Sleep for extra silence mode.

MAX EFFICIENCY



SEER **8.50**
SCOP **4.60**

CAPACITY



2.5kW > 4.5kW

OPERATION



-10°C > +46°C

- > **B-code for Mono & Multi compatibility**
- > **100% Toshiba quality with DC Twin-Rotary inverter compressor**
- > **Wifi control** compatible
- > **Exceptional indoor air quality**
Impurities are ionized by the plasma ion charger and absorbed by heat exchanger

R410A
with TOSHIBA



INDOOR UNITS

RAS-B10N3KVP-E
RAS-B13N3KVP-E
RAS-B16N3KVP-E



OUTDOOR UNITS

RAS-10N3AVP-E
RAS-13N3AVP-E
RAS-16N3AVP-E



REMOTE CONTROLS

Delivered with the unit



OPTIONAL RC

RB-RXS31-E
Optional weekly timer
Remote control

DAISEIKAI 6.5 Performance Data

Outdoor unit		RAS-10N3AVP-E	RAS-13N3AVP-E	RAS-16N3AVP-E
Indoor unit		RAS-B10N3KVP-E	RAS-B13N3KVP-E	RAS-B16N3KVP-E
Cooling capacity	kW	2.51	3.52	4.53
Cooling range (min. - max.)	kW	0.8 - 3.5	0.9 - 4.1	0.9 - 5.0
Power input (min. - rated - max.)	kW	C 0.14 - 0.49 - 0.9	0.16 - 0.84 - 1.37	0.16 - 1.34 - 1.82
P _{designc}	kW	2.0	3.5	4.5
EER	W/W	5.12	4.19	3.38
SEER		8.50	7.00	6.60
Energy efficiency class		C A+++	A++	A++
Seasonal electricity consumption	kWh/a	C 82	175	239
Annual energy consumption	kWh	245	420	670
Heating capacity	kW	3.21	4.22	5.53
Heating range (min. - max.)	kW	0.8 - 5.8	0.8 - 5.9	0.8 - 6.7
Power input (min. - rated - max.)	kW	H 0.15 - 0.63 - 1.90	0.16 - 0.95 - 1.95	0.17 - 1.47 - 2.51
P _{designh}	kW	2.8	3.0	3.8
COP	W/W	5.1	4.44	3.76
SCOP		4.60	4.50	4.30
Energy efficiency class		H A++	A+	A+
Seasonal electricity consumption	kWh/a	H 852	933	1236

DAISEIKAI 6.5 Physical data indoor

Indoor unit		RAS-B10N3KVP-E	RAS-B13N3KVP-E	RAS-B16N3KVP-E
Air flow (max)	m ³ /h - l/s	C 630 - 175	660 - 183	690 - 192
Sound pressure level (h/l)	dB(A)	C 42/27	43/27	45/29
Sound power level (h)	dB(A)	C 57	58	60
Air flow (max)	m ³ /h - l/s	H 708 - 197	732 - 203	756 - 210
Sound pressure level (h/l)	dB(A)	H 43/27	44/27	45/29
Sound power level (h)	dB(A)	H 58	59	60
Dimensions (hxwx d)	mm	275x790x225	275x790x225	275x790x225
Weight	kg	10	10	10

DAISEIKAI 6.5 Physical data outdoor

Outdoor unit		RAS-10N3AVP-E	RAS-13N3AVP-E	RAS-16N3AVP-E
Air flow	m ³ /h - l/s	C 1800 - 500	2160 - 600	2520 - 700
Sound pressure level	dB(A)	C 46	48	49
Sound power level	dB(A)	C 61	63	64
Operating range	°C	C -10-46	-10-46	-10-46
Air flow	m ³ /h - l/s	H 1800 - 500	2160 - 600	2160 - 600
Sound pressure level (h)	dB(A)	H 47	50	50
Sound power level (h)	dB(A)	H 62	65	65
Operating range	°C	H -15-24	-15-24	-15-24
Dimensions (hxwx d)	mm	630x800x300	630x800x300	630x800x300
Weight	kg	41	41	41
Compressor type		DC Twin Rotary	DC Twin Rotary	DC Twin Rotary
Flare connections (gas-liquid)		3/8" - 1/4"	3/8" - 1/4"	1/2" - 1/4"
Minimum pipe length	m	2	2	2
Maximum pipe length	m	25	25	25
Maximum height difference	m	10	10	10
Chargeless pipe length	m	15	15	15
Refrigerant charge (R410A)	kg	1.05	1.05	1.05
Power supply	V-ph-Hz	220/240-1-50, 220-1-60	220/240-1-50, 220-1-60	220/240-1-50, 220-1-60

C: cooling mode
H: heating mode