

INVERTER HI-WALL

TOSHIBA

DAISEIKAI 10 WOOD



Plasma Air Purifier (Ionizer)



Digital DC Twin-Rotary Inverter



Strong defrost

Innovative design, state of the art technology

The new aesthetic of the DAISEIKAI™ derives from its material concept - "Go back to the Earth." Its natural wood grille, sourced from PEFC-certified sustainable forests, makes the product unique in the air conditioning and heat pump market. Every wood grille with its own grain, texture and colour tone makes the DAISEIKAI 10 bespoke to each home, while a timeless white panel is also available. Furthermore, recycled materials make up 43% of DAISEIKAI 10's plastic components. Cool and heat your whole home with the highest efficiency ratings available on the market, combined with an exceptional SEER of up to 10.7 you are offered best in-class performance all year round.



FEATURES



Top Energy Class A+++ / A+++ both in cooling and heating modes, in warmer zone



HADA CARE for better air distribution in cooling mode



Premium Indoor Air Quality: Plasma ionizer that absorbs and decomposes smoke, food smells and bad odours. Ultra Pure filter that captures up to 94% of PM 2.5 particulates. Resin coated coil a special coating of the heat exchanger fins, results in a coil which is as clean as new



Wi-Fi Active



Wide Operation Range: DAISEIKAI 10 operates seamlessly down to -20°C ambient temperature in heating mode and up to +46°C in cooling



Resin coated coil. Special coating for a coil which is as clean as new



PEFC woods (Programme for the Endorsement of Forest Certification) from controlled forest, is used for the wooden grill on the IDU



Ultra quiet system, less than 19 dB(A)*



Elegant & Modern Design with discreet dimming lights changing colours with cooling and heating modes



Smart Sensing, design your own comfort, by choosing between an indirect or direct air flow



Motion Tracking: Enhanced energy savings: The Occupancy Detection function is triggered after 20 minutes and 4-hour absence. High activity detection: The Hi-power Cooling mode is automatically turned on when the level of activity is detected to be high within the room

*Noise pressure level at 1m

TECHNICAL CHARACTERISTICS

PERFORMANCE DATA

OUTDOOR UNIT		RAS-10S4AVPG-E	RAS-13S4AVPG-E	RAS-18S4AVPG-E
INDOOR UNIT		RAS-B10S4KVDG-E	RAS-B13S4KVDG-E	RAS-B18S4KVDG-E
Cooling capacity	kW	2,50	3,50	5,00
Cooling capacity	BTU/H	8.530	11.943	17.061
Cooling range (min.-max.)	kW	0,60-3,50	0,90-4,20	0,90-6,00
Cooling range (min.-max.)	BTU/H	2.047-11.943	3.071-14.3031	3.071-20.473
Power input (min.-rated-max.)	kW	C 0,16-0,47-0,82	0,20-0,80-1,10	0,20-1,40-2,20
EER	W/W	5.32	4.38	3.57
SEER		10.70	9.70	8.60
Energy efficiency class		C	A+++	A+++
Seasonal electricity consumption	kWh/a	C 82	126	203
Heating capacity	kW	3,20	4,00	6,00
Heating capacity	BTU/H	10.919	13.649	20.473
Heating range (min.-max.)	kW	0,65-5,80	0,70-6,30	0,80-7,20
Heating range (min.-max.)	BTU/H	2.218-17.791	2.388-21.496	2.730-24.567
Power input (min.-rated-max.)	kW	H 0,16-0,60-1,50	0,18-0,80-1,60	0,19-1,45-1,90
COP	W/W	5.33	5.00	4.14
SCOP (average)		5.30	5.20	4.80
Energy efficiency class (average)		H	A+++	A++
SCOP (warmer)		6.20	6.20	6.50
Energy efficiency class (warmer)		H	A+++	A+++
Seasonal electricity consumption	kWh/a	H 792	969	1.312

PHYSICAL DATA INDOOR

INDOOR UNIT		RAS-B10S4KVDG-E	RAS-B13S4KVDG-E	RAS-B18S4KVDG-E
Air Flow (h)	m³/h-l/s	C 700-194	750-208	800-222
Air Flow (l)	m³/h-l/s	C 300-83	330-91	350-97
Sound pressure level (h/l (q))	dB(A)	C 40/24 (19)	41/26 (20)	44/25 (22)
Sound power level (h)	dB(A)	C 53	54	57
Air Flow (h)	m³/h-l/s	H 750-208	800-222	810-225
Air Flow (l)	m³/h-l/s	H 330-91	360-100	370-102
Sound pressure level (h/l (q))	dB(A)	H 41/25 (19)	42/24 (20)	45/26 (22)
Sound power level (h)	dB(A)	H 54	55	58
Dimensions (H×W×D)	mm	293×940×257	293×940×257	293×940×257
Weight	Kg	16	16	16

PHYSICAL DATA OUTDOOR

OUTDOOR UNIT		RAS-10S4AVPG-E	RAS-13S4AVPG-E	RAS-18S4AVPG-E
Air Flow (max)	m³/h-l/s	C 2.100-583	2.160-600	2.220-616
Sound pressure level (h)	dB(A)	C 44	45	47
Sound pressure level (silent CDU#2)	dB(A)	C 40	41	42
Sound power level (h)	dB(A)	C 57	58	60
Sound power level (silent CDU#2)	dB(A)	C 53	54	55
Operating range	°C	C -15-46	-15-46	-15-46
Air Flow (max)	m³/h-l/s	H 2.100-583	2.160-600	2.220-616
Sound pressure level (h)	dB(A)	H 45	46	49
Sound pressure level (silent CDU#2)	dB(A)	H 41	42	44
Sound power level (h)	dB(A)	H 58	59	62
Sound power level (silent CDU#2)	dB(A)	H 54	55	57
Operating range	°C	H -20-24	-20-24	-20-24
Dimensions (H×W×D)	mm	630×800×300	630×800×300	630×800×300
Weight	Kg	38	38	38
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	15	15	15
Chargeless pipe length	m	15	15	15
Refrigerant charging (R32)	Kg	0.96	0.96	0.96
Power supply	V/Hz/Ph	220-240/50/1	220-240/50/1	220-240/50/1

C = Cooling Mode H = Heating Mode

