TOSHIBA

SHORAI EDGE BLACK & WHITE R32 - Performance data

Outdoor unit			RAS-07J2AVSG-E1	RAS-10J2AVSG-E1	RAS-13J2AVSG-E1	RAS-16J2AVSG-E1	RAS-18J2AVSG-E1	RAS-22J2AVSG-E1	RAS-24J2AVSG-E1
Indoor unit (white)			RAS-B07G3KVSG-E	RAS-B10G3KVSG-E	RAS-B13G3KVSG-E	RAS-B16G3KVSG-E	RAS-B18G3KVSG-E	RAS-B22G3KVSG-E	RAS-B24G3KVSG-E
Indoor unit (black)			RAS-B07G3KVSGB-E	RAS-B10G3KVSGB-E	RAS-B13G3KVSGB-E	RAS-B16G3KVSGB-E	RAS-B18G3KVSGB-E	RAS-B22G3KVSGB-E	RAS-B24G3KVSGB-E
Cooling capacity	kW		2.0	2.5	3.5	4.6	5.0	6.1	7.0
Cooling range (min. - max.)	kW		(0.89 - 2.90)	(0.89 - 3.20)	(1.00 - 4.10)	(1.20 - 5.30)	(1.20 - 6.00)	(1.39 - 6.70)	(1.70 - 7.70)
EER	W/W		5.13	4.63	3.89	3.41	3.52	3.07	3.11
SEER			**8.5**	**8.6**	**8.6**	**7.8**	**7.3**	**7.3**	**6.3**
Energy efficiency class		**C**	**A+++**	**A+++**	**A+++**	**A++**	**A++**	**A++**	**A++**
Seasonal electricity consumption	kWh/a	C	82	102	142	206	242	292	389
Heating capacity	**kW**		**2.5**	**3.2**	**4.2**	**5.5**	**6.0**	**7.0**	**8.0**
Heating range (min. - max.)	kW		(0.90 - 3.60)	(0.90 - 4.80)	(1.00 - 5.30)	(1.10 - 6.50)	(1.10 - 6.50)	(1.15 - 7.50)	(1.70 - 8.80)
Pdesignh	kW		2.3	2.5	3.2	4.00	4.3	4.7	6.3
COP	W/W		5.00	4.57	3.89	3.62	3.77	3.72	3.40
SCOP			**5.1**	**5.1**	**5.1**	**4.6**	**4.6**	**4.6**	**4.1**
Energy efficiency class		**H**	**A+++**	**A+++**	**A+++**	**A++**	**A++**	**A++**	**A+**
Seasonal electricity consumption	kWh/a	H	631	686	878	1217	1309	1430	2149

SHORAI EDGE BLACK & WHITE R32 - Physical data indoor

Indoor unit (white)			RAS-B07G3KVSG-E	RAS-B10G3KVSG-E	RAS-B13G3KVSG-E	RAS-B16G3KVSG-E	RAS-B18G3KVSG-E	RAS-B22G3KVSG-E	RAS-B24G3KVSG-E
Indoor unit (black)			RAS-B07G3KVSGB-E	RAS-B10G3KVSGB-E	RAS-B13G3KVSGB-E	RAS-B16G3KVSGB-E	RAS-B18G3KVSGB-E	RAS-B22G3KVSGB-E	RAS-B24G3KVSGB-E
Sound pressure level (high/quiet)	**dB(A)**	**C**	**40/19**	**40/19**	**43/19**	**44/21**	**44/26**	**45/27**	**47/28**
Sound power level (high)	dB(A)	C	53	53	56	57	57	58	60
Air flow (high)	m^3/h - l/s	C	660 - 183	660 - 183	732 - 203	750 - 208	990 - 274	1032 - 286	1122 - 311
Sound pressure level (high/quiet)	**dB(A)**	**H**	**40/19**	**40/19**	**43/19**	**44/22**	**44/26**	**46/27**	**48/28**
Sound power level (high)	dB(A)	H	53	53	56	57	57	59	61
Air flow (high)	m^3/h - l/s	H	660 - 183	660 - 183	732 - 203	768 - 213	990 - 274	1080 - 299	1140 - 316
Dimensions (hxwxd)	mm		293x800x226	293x800x226	293x800x226	293x800x226	320x1053x245	320x1053x245	320x1053x245
Weight	kg		10	10	10	10	14	14	14
Remote controller (White)			WH-UA06UE	WH-UA06UE	WH-UA06UE	WH-UA06UE	WH-UA06UE	WH-UA06UE	WH-UA06UE
Remote controller (Black)			WH-UA04UE	WH-UA04UE	WH-UA04UE	WH-UA04UE	WH-UA04UE	WH-UA04UE	WH-UA04UE

SHORAI EDGE BLACK & WHITE R32 - Physical data indoor

Outdoor unit			RAS-07J2AVSG-E	RAS-10J2AVSG-E1	RAS-13J2AVSG-E1	RAS-16J2AVSG-E1	RAS-18J2AVSG-E	RAS-22J2AVSG-E	RAS-24J2AVSG-E
Sound pressure level (high)	**dB(A)**	**C**	**44**	**44**	**46**	**48**	**48**	**49**	**50**
Sound pressure level (Silent CDU#2)	**dB(A)**	**C**	**36**	**37**	**39**	**40**	**42**	**43**	**43**
Sound power level (high)	dB(A)	C	57	57	59	61	63	62	63
Operating range	°C	C	-15~46	-15~46	-15~46	-15~46	-15~46	-15~46	-15~46
Sound pressure level (high)	**dB(A)**	**H**	**46**	**46**	**48**	**50**	**50**	**51**	**53**
Sound pressure level (Silent CDU#2)	**dB(A)**	**H**	**38**	**39**	**43**	**43**	**44**	**46**	**46**
Sound power level (high)	dB(A)	H	59	59	61	63	63	64	66
Operating range	°C	H	-15~24	-15~24	-15~24	-15~24	-15~24	-15~24	-15~24
Dimensions (hxwxd)	mm		550x780x290	550x780x290	550x780x290	550x780x290	550x780x290	550x780x290	630x800x300
Weight	kg		26	26	30	33	34	34	42
Compressor type			DC Rotary	DC Rotary	DC Rotary	DC Rotary	DC Twin Rotary	DC Twin Rotary	DC Twin Rotary
Flare connections (gas-liquid)			3/8" - 1/4"	3/8" - 1/4"	3/8" - 1/4"	1/2" - 1/4"	1/2" - 1/4"	1/2" - 1/4"	1/2" - 1/4"
Minimum pipe length	m		2	2	2	2	2	2	2
Maximum pipe length	m		20	20	20	20	20	20	25
Maximum height difference	m		12	12	12	12	12	12	15
Chargeless pipe length	m		15	15	15	15	15	15	15
Refrigerant charge (R32)	kg		0.55	0.55	0.8	0.8	1.1	1.1	1.14
Power supply	V-ph-Hz		230-1-50	230-1-50	230-1-50	230-1-50	230-1-50	230-1-50	230-1-50

C: cooling mode
H: heating mode

CE

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TOSHIBA Air Conditioning participates in the ECP program for Comfort Air Conditioners (AC). Check ongoing validity of certificate: www.eurovent-certification.com

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