

6. Specifications

Outdoor Specifications

Brand		TOSHIBA		TOSHIBA		TOSHIBA		TOSHIBA		
Model Name		RAS-2M10G3AVG-TR		RAS-2M14G3AVG-TR		RAS-2M18G3AVG-TR		RAS-3M18G3AVG-TR		
		Cooling	Heating	Cooling	Heating	Cooling	Heating	Cooling	Heating	
Capacity	Capacity(kW)	3.30	4.00	4.00	4.40	5.20	5.60	5.20	6.80	
	EER / COP	4.93	4.71	4.71	4.89	4.33	4.91	5.20	4.69	
Seasonal efficiency	Pdesign (kW)	3.30	2.70	4.00	3.10	5.20	3.20	5.20	3.50	
	SEER/SCOP	8.60	4.70	8.70	4.80	8.70	4.80	8.60	4.80	
	Energy Efficiency Class	A+++	A++	A+++	A++	A+++	A++	A+++	A++	
CDU	Dimension (mm)	H	550		550		630		630	
		W	780		780		800		800	
		D	290		290		300		300	
	Weight (Kg)	31		35		43		44		
Operating range (°C)		-10~46	-20~24	-10~46	-20~24	-10~46	-20~24	-10~46	-20~24	
Power supply		220-240V 1Ph 50Hz		220-240V 1Ph 50Hz		220-240V 1Ph 50Hz		220-240V 1Ph 50Hz		
Refrigerant		R32		R32		R32		R32		
Sound pressure level(dB(A))		47	51	49	52	48	50	48	52	
Sound power level(dB(A))		60	64	59	65	61	63	61	65	
Air Flow (m ³ /h)		2100	2100	1800	2250	2600	2600	2600	2800	
Piping connection	A unit liquid side/ gas side	φ6.35/φ9.52		φ6.35/φ9.52		φ6.35/φ9.52		φ6.35/φ12.7		
	B unit liquid side/ gas side	φ6.35/φ9.52		φ6.35/φ9.52		φ6.35/φ9.52		φ6.35/φ9.52		
	C unit liquid side/ gas side	-		-		-		φ6.35/φ9.52		
	Max. length per unit (m)	15		20		20		25		
	Max. length total (m)	20		30		30		50		
	Chargeless pipe length (m)	20		30		30		50		
	Max. height difference (m)	10		10		10		10		

Preliminary specification

Brand		TOSHIBA		TOSHIBA		TOSHIBA		
Model Name		RAS-3M26G3AVG-TR		RAS-4M27G3AVG-TR		RAS-5M34G3AVG-TR		
		Cooling	Heating	Cooling	Heating	Cooling	Heating	
Capacity	Capacity(kW)	7.00	8.70	8.00	9.00	10.00	12.00	
	EER / COP	4.00	4.35	4.21	4.74	3.85	4.29	
Seasonal efficiency	Pdesign (kW)	7.00	5.20	8.00	5.20	10.00	6.80	
	SEER/SCOP	8.50	4.60	8.30	4.50	7.20	4.30	
	Energy Efficiency Class	A+++	A++	A++	A++	A++	A++	
CDU	Dimension (mm)	H	890		890		890	
		W	900		900		900	
		D	320		320		320	
	Weight (Kg)	72		72		78		
Operating range (°C)		-10~46	-20~24	-10~46	-20~24	-10~46	-20~24	
Power supply		220-240V 1Ph 50Hz		220-240V 1Ph 50Hz		220-240V 1Ph 50Hz		
Refrigerant		R32		R32		R32		
Sound pressure level(dB(A))		50	52	50	52	54	54	
Sound power level(dB(A))		63	65	63	62	67	67	
Air Flow (m ³ /h)		2508		2508		3426		
Piping connection	A unit liquid side/ gas side	φ6.35/φ12.7		φ6.35/φ12.7		φ6.35/φ12.7		
	B unit liquid side/ gas side	φ6.35/φ12.7		φ6.35/φ12.7		φ6.35/φ12.7		
	C unit liquid side/ gas side	φ6.35/φ9.52		φ6.35/φ9.52		φ6.35/φ9.52		
	D unit liquid side/ gas side	-		φ6.35/φ9.52		φ6.35/φ9.52		
	E unit liquid side/ gas side	-		-		φ6.35/φ9.52		
	Max. length per unit (m)	25		25		25		
	Max. length total (m)	70		70		80		
	Chargeless pipe length (m)	40		40		40		
	Max. height difference (m)	15		15		15		