

Supplier TOSHIBA

Uygulama - Split tip klima

Outdoor unit	Inverter Multi 3room	RAS-2M18G3AVG-E
Indoor unit	Hi Wall	RAS-B10E2KVG-E
Indoor unit	Hi Wall	RAS-B13E2KVG-E

İşlev

Soğutma	Y
Isıtma - Ortalama	Y
Isıtma - Daha sıcak	Y
Isıtma - Daha soğuk	N
Kapasite kontrolü	değişken

Tasarım yükü

Soğutma	Pdesignc	5,20	kW
Isıtma/Ortalama	Pdesignh	3,20	kW
Isıtma/Daha sıcak	Pdesignh	1,75	kW

Sezonsal verimlilik

Soğutma	SEER	6,80	A++
Isıtma/Ortalama	SCOP(A)	4,60	A++
Isıtma/Daha sıcak	SCOP(W)	5,70	

Soğutma

Kapasite				Verimlilik			
Declared capacity for cooling at indoor temperature 27(19)°C and outdoor temperature Tj.				Declared Energy efficiency ratio for cooling at indoor temperature 27(19)°C and outdoor temperature Tj.			
Tj=35°C	Pdc	5,20	kW	Tj=35°C	EERd	4,06	
Tj=30°C	Pdc	3,83	kW	Tj=30°C	EERd	6,45	
Tj=25°C	Pdc	2,46	kW	Tj=25°C	EERd	10,00	
Tj=20°C	Pdc	2,36	kW	Tj=20°C	EERd	11,99	
					Soğutma verim kaybı katsayısı	Cdc	0,25

Isıtma - Ortalama

Kapasite				Verimlilik			
Declared capacity for Heating/Average season, at indoor temperature 20°C and outdoor temperature Tj.				Declared coefficient of performance/Average season, at indoor temperature 20°C and outdoor temperature Tj.			
Tj=-7°C	Pdh	2,83	kW	Tj=-7°C	COPd	3,00	
Tj=2°C	Pdh	1,75	kW	Tj=2°C	COPd	4,80	
Tj=7°C	Pdh	1,98	kW	Tj=7°C	COPd	6,30	
Tj=12°C	Pdh	2,31	kW	Tj=12°C	COPd	8,05	
Tj=bivalent temperature	Pdh	2,83	kW	Tj=bivalent temperature	COPd	3,00	
Tjçift değerli sıcaklık	Pdh	1,84	kW	Tjçift değerli sıcaklık	COPd	1,67	
Bivalent sıcaklık			-7	°C			
Operation limit temperature			-20	°C	Isıtma verim kaybı katsayısı	Cdh	0,25

Isıtma - Daha sıcak

Kapasite				Verimlilik			
Declared capacity for Heating/Warmer at indoor temperature 20°C and outdoor temperature Tj.				Declared coefficient of performance for Heating/Warmer climate at indoor temperature 20°C and outdoor temperature Tj.			
Tj=2°C	Pdh	1,75	kW	Tj=2°C	COPd		4,80
Tj=7°C	Pdh	1,98	kW	Tj=7°C	COPd		6,30
Tj=12°C	Pdh	2,31	kW	Tj=12°C	COPd		8,05
Tj=bivalent temperature	Pdh	1,84	kW	Tj=bivalent temperature	COPd		1,67
Tjçift değerli sıcaklık	Pdh	1,75	kW	Tjçift değerli sıcaklık	COPd		4,80
Bivalent sıcaklık	Tbiv	2.0	°C				
Operation limit temperature	Tol	-20.0	°C				

Elektrik

Electric power input in power modes other than "on mode"				Seasonal electricity consumption			
Kapalı mod	Poff	0,02	kW	Soğutma	QCE	267	kWh/a
bekleme modu	Psb	0,02	kW	Isıtma/Ortalama	QHE/A	963	kWh/a
termostatın kapalı olduğu mod	Pto	0,02	kW	Isıtma/Daha sıcak	QHE/B	425	kWh/a
Karter ısıtıcı modu	Pck	0,00	kW	Isıtma/Daha soğuk	QHE/C	_	kWh/a

Soğutucu akışkan

Tip	R32						
Ağırlık	1.2 kg						
Küresel ısınma potansiyeli	GWP	675 kgCO ₂ eq.					

Ses gücü seviyesi - db(A)

Nominal hava debisi - m³/h

	Soğutma	Isıtma		Soğutma	Isıtma
RAS-2M18G3AVG-E	61	63	RAS-2M18G3AVG-E	2600	2600
RAS-B10E2KVG-E	52	52	RAS-B10E2KVG-E	510	510
RAS-B13E2KVG-E	54	55	RAS-B13E2KVG-E	540	560

Boyutlar

	Yükseklik	Genişlik	Derinlik	Ağırlık
RAS-2M18G3AVG-E	630 mm	800 mm	300 mm	43 kg
RAS-B10E2KVG-E	288 mm	770 mm	225 mm	9 kg
RAS-B13E2KVG-E	288 mm	770 mm	225 mm	9 kg

Harmonised standard	EN14511:2007 , EN12102
Calculation methods - Measurement standards	PrEN 14825: 2011 chapter 8 and 9
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