

## Produkt - splitt varmepumpe

Outdoor unit	Singelsplitt inverter	RAS-13J2AVG-E
Indoor unit	SEIYA R32	RAS-B13J2KVG-E

### Function

### Design load

### Årsvarmefaktor eller SCOP

Cooling	Y	Cooling	Pdesignc	3.3 kW	Cooling	SEER	6.10	A++
Oppvarming - gjennomsnittlig	Y	Heating/Average	Pdesignh	2.8 kW	Heating/Average	SCOP(A)	4.00	A+
Oppvarming - Varmere	Y	Heating/Warmer	Pdesignh	1.5 kW	Heating/Warmer	SCOP(W)	x,xx	x
Oppvarming - Kaldere	N							

Capacity control = Variable

## Cooling

### Kapasitet

Declared capacity for cooling at indoor temperature 27(19)°C and outdoor temperature Tj.

### Effektivitet

Declared Energy efficiency ratio for cooling at indoor temperature 27(19)°C and outdoor temperature Tj.

Tj=35°C	Pdc	3.30 kW	Tj=35°C	EERd	3.00
Tj=30°C	Pdc	2.43 kW	Tj=30°C	EERd	4.75
Tj=25°C	Pdc	1.56 kW	Tj=25°C	EERd	7.60
Tj=20°C	Pdc	1.04 kW	Tj=20°C	EERd	10.40

## Oppvarming (gjennomsnittsklima)

### Kapasitet

Declared capacity for Heating/Average season, at indoor temperature 20°C and outdoor temperature Tj.

### Effektivitet

Declared coefficient of performance/Average season, at indoor temperature 20°C and outdoor temperature Tj.

Tj=-7°C	Pdh	2.48 kW	Tj=-7°C	COPd	2.65
Tj=2°C	Pdh	1.51 kW	Tj=2°C	COPd	3.95
Tj=7°C	Pdh	0.97 kW	Tj=7°C	COPd	5.30
Tj=12°C	Pdh	0.84 kW	Tj=12°C	COPd	5.90
Tj=bivalent temperature	Pdh	2.48 kW	Tj=bivalent temperature	COPd	2.65
Tj=driftsbegrensning	Pdh	1.89 kW	Tj=driftsbegrensning	COPd	2.20
Bivalent temperature		-7 °C			
Laveste utetemperatur for drift		-15 °C			

## Heating (Warmer climate)

### Kapasitet

Declared capacity for Heating/Warmer at indoor temperature 20°C and outdoor temperature Tj.

### Effektivitet

Declared coefficient of performance for Heating/Warmer climate at indoor temperature 20°C and outdoor temperature Tj.

Tj=2°C	Pdh	1.51	kW	Tj=2°C	COPd	3.95
Tj=7°C	Pdh	0.97	kW	Tj=7°C	COPd	5.30
Tj=12°C	Pdh	0.84	kW	Tj=12°C	COPd	5.90
Tj=bivalent temperature	Pdh	1.51	kW	Tj=bivalent temperature	COPd	3.95
Tj=driftsbegrensning	Pdh	1.89	kW	Tj=driftsbegrensning	COPd	2.20
Bivalent temperature	Tbiv	X	°C			
Laveste utetemperatur for drift	Tol	X	°C			

## Elektrisitet

Electric power input in power modes other than "on mode"

Sesonggjennomsnittlig tilført elektrisk energi

off mode	Poff	0.001	kW	Cooling	QCE	189	kWh/a
standby mode	Psb	0.001	kW	Heating/Average	QHE/A	980	kWh/a
thermostat-off mode	Pto	0.031	kW	Heating/Warmer	QHE/B	435	kWh/a
crankcase heater mode	Pck	0.000	kW	Heating/Colder	QHE/C	x	kWh/a

## Kuldemedium

Type	R32
Vekt	0.46 kg
Globalt oppvarmingspotensial	GWP 675 kgCO <sub>2</sub> eq.

## Sound power level - db(A)

## Rated air flow - m<sup>3</sup>/h

	Cooling	Heating		Cooling	Heating
RAS-13J2AVG-E	63	65	RAS-13J2AVG-E	1980	1980
RAS-B13J2KVG-E	56	57	RAS-B13J2KVG-E	600	618

## Dimensjoner

	Høyde	Bredde	Dybde	Vekt
RAS-13J2AVG-E	530 mm	660 mm	240 mm	24 kg
RAS-B13J2KVG-E	293 mm	798 mm	230 mm	9 kg

Harmonisert standard

EN14511:2007, EN12102

Kontakt for mer informasjon

Importør/distributør i EU:  
Toshiba Carrier UK Ltd.  
Porsham Close, Belliver Industrial Estate,  
PLYMOUTH, Devon, PL6 7DB.  
United Kingdom

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Supplier	TOSHIBA CARRIER CORPORATION
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Innedel	RAS-B13J2KVG-E
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Utedel	RAS-13J2AVG-E
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## Sound power level

innedel (kjøling)	dB	56
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utedel (kjøling)	dB	63
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innedel (oppvarming)	dB	57
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utedel (oppvarming)	dB	65
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## Kuldemedium

Type		R32
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Globalt oppvarmingspotensial	kgCO <sub>2</sub> eq	675
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Refrigerant leakage contributes to climate change. Refrigerant with lower global warming potential (GWP) would contribute less to global warming than a refrigerant with higher GWP, if leaked to the atmosphere. This appliance contains a refrigerant fluid with a GWP equal to 1975. This means that if 1 kg of this refrigerant fluid would be leaked to the atmosphere, the impact on global warming would be 1975 times higher than 1 kg of CO<sub>2</sub>, over a period of 100 years. Never try to interfere with the refrigerant circuit yourself or disassemble the product yourself and always ask a professional.

## Cooling

Energy efficiency class		A++
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Design load (P <sub>designc</sub> )	kW	3.3
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Årsvarmefaktor eller SCOP (SEER)		6.10
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Sesonggjennomsnittlig tilført elektrisk energi (Q <sub>CE</sub> )	kWh/annum	189
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## Heating

		Heating/Average	Heating/Warmer	Heating/Colder
Energy efficiency class		A+	A++	x
Design load (Pdesignh)	kW	2.8	1.5	x,x
Årsvarmefaktor eller SCOP (SCOP)		4.00	4.90	x,xx
Sesonggjennomsnittlig tilført elektrisk energi (Q <sub>HE</sub> )	kWh/annum	980	435	x
Back-up varmekapasitet	kW	0.54		
<b>Spesifisert varmekapasitet ved innetemperatur 20 °C og utetemperatur Tj.</b>				
Tj= -7°C (Pdh)	kW	2.48	-	x,xx
Tj= 2°C (Pdh)	kW	1.51	1.51	x,xx
Tj= 7°C (Pdh)	kW	0.97	0.97	x,xx
Tj= 12°C (Pdh)	kW	0.84	0.84	x,xx
Tj=bivalent temperature (Pdh)	kW	2.48	1.51	x,xx
Tj=driftsbegrensning (Pdh)	kW	1.89	1.89	x,xx
Tj= -15°C (Pdh)	kW	-	-	x,xx