

Produkt - splitt varmepumpe

Outdoor unit	Singelsplitt inverter	RAS-25N4AVPG-ND
Indoor unit	DAISEIKAI 9,5 R32	RAS-25N4KVPG-ND

Function		Design load			Årsvarmefaktor eller SCOP			
Cooling	Y	Cooling	Pdesignc	2.5 kW	Cooling	SEER	9.00	A+++
Oppvarming - gjennomsnittlig	Y	Heating/Average	Pdesignh	3.0 kW	Heating/Average	SCOP(A)	5.30	A+++
Oppvarming - Varmere	N	Heating/Colder	Pdesignh	4.4 kW	Heating/Colder	SCOP(C)	4.30	A+
Oppvarming - Kaldere	Y							
Capacity control	Variable							

Cooling

Kapasitet			Effektivitet		
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	2.50 kW	Tj=35°C	EERd	5.66
Tj=30°C	Pdc	1.84 kW	Tj=30°C	EERd	8.05
Tj=25°C	Pdc	1.18 kW	Tj=25°C	EERd	10.95
Tj=20°C	Pdc	1.20 kW	Tj=20°C	EERd	14.70
			Effektivitetstapsfaktor ved kjøling	Cdc	0.25

Oppvarming (gjennomsnittsklima)

Kapasitet			Effektivitet		
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	2.65 kW	Tj=-7°C	COPd	3.60
Tj=2°C	Pdh	1.62 kW	Tj=2°C	COPd	5.55
Tj=7°C	Pdh	1.04 kW	Tj=7°C	COPd	6.25
Tj=12°C	Pdh	1.00 kW	Tj=12°C	COPd	7.15
Tj=bivalent temperature	Pdh	3.00 kW	Tj=bivalent temperature	COPd	3.00
Tj=driftsbegrensning	Pdh	2.30 kW	Tj=driftsbegrensning	COPd	2.00
Bivalent temperature		-10 °C			
Laveste utetemperatur for drift		-30 °C	Effektivitetstapsfaktor ved oppvarming	Cdh	0.25

Heating (Colder climate)

Kapasitet

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

Effektivitet

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

Tj=-7°C	Pdh	2.65	kW	Tj=-7°C	COPd	3.60
Tj=2°C	Pdh	1.62	kW	Tj=2°C	COPd	5.50
Tj=7°C	Pdh	1.04	kW	Tj=7°C	COPd	6.20
Tj=12°C	Pdh	1.00	kW	Tj=12°C	COPd	7.10
Tj=bivalent temperature	Pdh	3.59	kW	Tj=bivalent temperature	COPd	2.40
Tj=driftsbegrensning	Pdh	2.30	kW	Tj=driftsbegrensning	COPd	2.00
Tj=-15°C	Pdh	3.59	kW	Tj=-15°C	COPd	2.40
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	97	kWh/ε
standby mode	Psb	0.001	kW	Heating/Average	QHE/A	792	kWh/ε
thermostat-off mode	Pto	0.029	kW	Heating/Warmer	QHE/B	x	kWh/ε
crankcase heater mode	Pck	0.000	kW	Heating/Colder	QHE/C	2134	kWh/ε

Kuldemedium

Type	R32					
Vekt	1.10 kg					
Globalt oppvarmingspotensial	GWP	675 kgCO ₂ eq.				

Sound power level - db(A)

Rated air flow - m³/h

	Cooling	Heating		Cooling	Heating
RAS-25N4AVPG-ND	59	60	RAS-25N4AVPG-ND	2160	2160
RAS-25N4KVPG-ND	55	57	RAS-25N4KVPG-ND	670	720

Dimensjoner

	Høyde	Bredde	Dybde	Vekt
RAS-25N4AVPG-ND	630 mm	800 mm	300 mm	43 kg
RAS-25N4KVPG-ND	293 mm	851 mm	270 mm	14 kg

Harmonisert standard

EN14511:2007, EN12102

Kalkulasjonsmetode - målestandard

PrEN 14825: 2011 Kapittel 8 og 9

Kontakt for mer informasjon

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

Supplier TOSHIBA CARRIER CORPORATION

Innedel RAS-25N4KVPG-ND

Utedel RAS-25N4AVPG-ND

Sound power level

innedel (kjøling) dB 55

utedel (kjøling) dB 59

innedel (oppvarming) dB 57

utedel (oppvarming) dB 60

Kuldemedium

Type R32

Globalt oppvarmingspotensial kgCO₂eq 675

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 CO₂, 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+++

Design load (P_{designc}) kW 2.5

Årsvarmefaktor eller SCOP (SEER) 9.00

Sesonggjennomsnittlig tilført elektrisk energi (Q_{CE}) (*) kWh/annum 97

(*) Basert på standardiserte testresultater. Faktisk energiforbruk vil avhenge av bruk og plassering.

Heating

		Heating/Average	Heating/Warmer	Heating/Colder
Energy efficiency class		A+++	x	A+
Design load (Pdesignh)	kW	3.0	x,x	4.4
Årsvarmefaktor eller SCOP (SCOP)		5.30	x,xx	4.30
Sesonggjennomsnittlig tilført elektrisk energi (Q _{HE}) (*)	kWh/annum	792	x	2134
Back-up varmekapasitet	kW	0.00		
Spesifisert varmekapasitet ved innetemperatur 20 °C og utetemperatur Tj.				
Tj= -7°C (Pdh)	kW	2.65	-	2.65
Tj= 2°C (Pdh)	kW	1.62	x,xx	1.62
Tj= 7°C (Pdh)	kW	1.04	x,xx	1.04
Tj= 12°C (Pdh)	kW	1.00	x,xx	1.00
Tj=bivalent temperature (Pdh)	kW	3.00	x,xx	3.59
Tj=driftsbegrensning (Pdh)	kW	2.30	x,xx	2.30
Tj= -15°C (Pdh)	kW	-	-	3.59

(*) Basert på standardiserte testresultater. Faktisk energiforbruk vil avhenge av bruk og plassering.

Produkt - splitt varmepumpe

Outdoor unit	Singelsplitt inverter	RAS-35N4AVPG-ND
Indoor unit	DAISEIKAI 9,5 R32	RAS-35N4KVPG-ND

Function		Design load			Årsvarmefaktor eller SCOP			
Cooling	Y	Cooling	Pdesignc	3.5 kW	Cooling	SEER	8.90	A+++
Oppvarming - gjennomsnittlig	Y	Heating/Average	Pdesignh	3.8 kW	Heating/Average	SCOP(A)	5.10	A+++
Oppvarming - Varmere	N	Heating/Colder	Pdesignh	5.5 kW	Heating/Colder	SCOP(C)	4.00	A+
Oppvarming - Kaldere	Y							
Capacity control	Variable							

Cooling

Kapasitet			Effektivitet			
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	3.50 kW	Tj=35°C	EERd	4.6	
Tj=30°C	Pdc	2.58 kW	Tj=30°C	EERd	7.40	
Tj=25°C	Pdc	1.66 kW	Tj=25°C	EERd	10.90	
Tj=20°C	Pdc	1.25 kW	Tj=20°C	EERd	14.90	
				Effektivitetstapsfaktor ved kjøling	Cdc	0.25

Oppvarming (gjennomsnittsklima)

Kapasitet			Effektivitet		
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	3.36 kW	Tj=-7°C	COPd	3.30
Tj=2°C	Pdh	2.05 kW	Tj=2°C	COPd	5.10
Tj=7°C	Pdh	1.32 kW	Tj=7°C	COPd	6.50
Tj=12°C	Pdh	1.20 kW	Tj=12°C	COPd	7.80
Tj=bivalent temperature	Pdh	3.80 kW	Tj=bivalent temperature	COPd	2.60
Tj=driftsbegrensning	Pdh	2.40 kW	Tj=driftsbegrensning	COPd	1.80
Bivalent temperature		-10 °C			
Laveste utetemperatur for drift		-30 °C	Effektivitetstapsfaktor ved oppvarming	Cdh	0.25

Heating (Colder climate)

Kapasitet

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

Effektivitet

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

Tj=-7°C	Pdh	3.36	kW	Tj=-7°C	COPd	3.30
Tj=2°C	Pdh	2.05	kW	Tj=2°C	COPd	5.10
Tj=7°C	Pdh	1.32	kW	Tj=7°C	COPd	6.55
Tj=12°C	Pdh	1.20	kW	Tj=12°C	COPd	7.80
Tj=bivalent temperature	Pdh	4.49	kW	Tj=bivalent temperature	COPd	2.10
Tj=driftsbegrensning	Pdh	2.40	kW	Tj=driftsbegrensning	COPd	1.80
Tj=-15°C	Pdh	4.49	kW	Tj=-15°C	COPd	2.10
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	138	kWh/ε
standby mode	Psb	0.001	kW	Heating/Average	QHE/A	1043	kWh/ε
thermostat-off mode	Pto	0.029	kW	Heating/Warmer	QHE/B	x	kWh/ε
crankcase heater mode	Pck	0.000	kW	Heating/Colder	QHE/C	2885	kWh/ε

Kuldemedium

Type		R32	
Vekt		1.10	kg
Globalt oppvarmingspotensial	GWP	675	kgCO ₂ eq.

Sound power level - db(A)

Rated air flow - m³/h

	Cooling	Heating		Cooling	Heating
RAS-35N4AVPG-ND	61	62	RAS-35N4AVPG-ND	2490	2490
RAS-35N4KVPG-ND	56	57	RAS-35N4KVPG-ND	690	760

Dimensjoner

	Høyde	Bredde	Dybde	Vekt
RAS-35N4AVPG-ND	630 mm	800 mm	300 mm	46 kg
RAS-35N4KVPG-ND	293 mm	815 mm	270 mm	14 kg

Harmonisert standard

EN14511:2007, EN12102

Kalkulasjonsmetode - målestandard

PrEN 14825: 2011 Kapittel 8 og 9

Kontakt for mer informasjon

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

Supplier	TOSHIBA CARRIER CORPORATION
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Innedel	RAS-35N4KVPG-ND
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Utedel	RAS-35N4AVPG-ND
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Sound power level

innedel (kjøling)	dB	56
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utedel (kjøling)	dB	61
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innedel (oppvarming)	dB	57
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utedel (oppvarming)	dB	62
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Kuldemedium

Type		R32
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Globalt oppvarmingspotensial	kgCO ₂ 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 CO₂, 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 _{designc})	kW	3.5
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Årsvarmefaktor eller SCOP (SEER)		8.90
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Sesonggjennomsnittlig tilført elektrisk energi (Q _{CE}) (*)	kWh/annum	138
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(*) Basert på standardiserte testresultater. Faktisk energiforbruk vil avhenge av bruk og plassering.

Heating

		Heating/Average	Heating/Warmer	Heating/Colder
Energy efficiency class		A+++	x	A+
Design load (Pdesignh)	kW	3.8	x,x	5.5
Årsvarmefaktor eller SCOP (SCOP)		5.10	x,xx	4.00
Sesonggjennomsnittlig tilført elektrisk energi (Q _{HE}) (*)	kWh/annum	1043	x	2885
Back-up varmekapasitet	kW	0.00		
Spesifisert varmekapasitet ved innetemperatur 20 °C og utetemperatur Tj.				
Tj= -7°C (Pdh)	kW	3.36	-	3.36
Tj= 2°C (Pdh)	kW	2.05	x,xx	2.05
Tj= 7°C (Pdh)	kW	1.32	x,xx	1.32
Tj= 12°C (Pdh)	kW	1.20	x,xx	1.20
Tj=bivalent temperature (Pdh)	kW	3.80	x,xx	4.49
Tj=driftsbegrensning (Pdh)	kW	2.40	x,xx	2.40
Tj= -15°C (Pdh)	kW	-	-	4.49

(*) Basert på standardiserte testresultater. Faktisk energiforbruk vil avhenge av bruk og plassering.