Produkt - splitt varmepumpe

Outdoor unit	Singelsplitt inverter	RAS-25N4AVPG-ND
Indoor unit	DAISEIKAI 9.5 R32	RAS-25N4KVPG-ND

Function

Cooling	Y
Oppvarming - gjennomsnittlig	Y
Oppvarming - Varmere	N
Oppvarming - Kaldere	Y
Capacity control	Variable

Design load

Cooling	Pdesignc	2.5	kW
Heating/Average	Pdesignh	3.0	kW
Heating/Colder	Pdesignh	4.4	kW

Årsvarmefaktor eller SCOP

Cooling	SEER	9.00	A+++
Heating/Average	SCOP(A)	5.30	A+++
Heating/Colder	SCOP(C)	4.30	A+

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	2.50	kW	Tj=35°C	EERd	5.68
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

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	2.65	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	5.55
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	3.59	kW	Tj=bivalent temperature	COPd	2.45
Tj=driftsbegrensning	Pdh	2.30	kW	Tj=driftsbegrensning	COPd	2.00
Tj=-15°C	Pdh	3.59	kW	Tj=-15°C	COPd	2.45
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/a
standby mode	Psb	0.001	kW	Heating/Average	QHE/A	792	kWh/a
thermostat-off mode	Pto	0.029	kW	Heating/Warmer	QHE/B	x	kWh/a
crankcase heater mode	Pck	0.000	kW	Heating/Colder	QHE/C	2134	kWh/a

Kuldemedium

Type		R32	
Vekt		1.10	kg
Globalt oppvarmingspotensial	GWP	675	$kgCO_2eq.$

Sound power level - db(A)

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

Rated air flow - m^3/h

	Cooling	Heating
RAS-25N4AVPG-ND	2160	2160
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	$kgCO_2eq$	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 (Pdesignc)	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 varmekapsitet	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.