

Specification of A+++ European New Efficiency DC Inverter Split

Model			9000BTU	12000BTU	18000BTU	24000BTU
Type			heating pump	heating pump	heating pump	heating pump
Control type			remote controller	remote controller	remote controller	remote controller
Declared cooling capacity	W		2610(940~3700)	3510(1000~4600)	5100(1250~5920)	6910(1830~7820)
Declared heating capacity	W		2900(940~4000)	3800(1000~4900)	5300(1250~6690)	7100(1850~7960)
Pdesignnc	W		2600	3500	5100	6900
SEER declared	W/W		8.5	8.5	8.5	8.5
Energy Class			A+++	A+++	A+++	A+++
EER declared	W/W		3.73	3.69	3.23	3.23
COP declared	W/W		3.82	3.80	3.71	3.73
Pdesignnh Average	W		2300	2600	4500	5500
SCOP Average declared	W/W		4.6	4.6	4.6	4.6
Energy Class(Average)			A++	A++	A++	A++
Annual energy consumption	Cooling	kwh/a	107	144	210	284
	Average	kwh/a	700	791	1370	1674
Moisture removal	Liters/h		1	1.2	1.5	2.0
Indoor sound power(S/H/M/L/Mute)	dB(A)		52/48/43/37/33	53/49/44/38/35	57/54/50/43/40	59/55/51/45/42
Outdoor sound power	dB(A)		63	63	67	69
Indoor sound	dB(A)		42/38/33/27/23	44/39/35/29/25	47/43/40/35/30	50/46/40/36/32
Outdoor sound pressure	dB(A)		53	53	57	59
Electrical Data						
Power supply			220-240V~/50Hz/1P	220-240V~/50Hz/1P	220-240V~/50Hz/1P	220-240V~/50Hz/1P
Power supply side			Indoor	Indoor	Outdoor	Outdoor
Voltage Range			165~265	165~265	165~265	165~265
Operating current	Cooling	A	4.0(1.2~8.1)	5.3(1.5~9.2)	8.1(1.7~12.0)	10.9(2.3~13.0)
	Heating	A	4.4(1.2~9.0)	5.8(1.5~10.0)	7.1(1.7~13.0)	9.6(2.3~14.0)
Power consumption	Cooling	W	700(240~1380)	950(290~1510)	1579(330~2350)	2138(410~2800)
	Heating	W	760(240~1552)	1000(290~1720)	1428(340~2540)	1905(420~3000)
Refrigerating System						
Refrigerant type/Charge/GWP/CO2 equivalent			R32/0.45kg/675/0.304tonnes	R32/0.63kg/675/0.426tonnes	R32/1.14kg/675/0.770tonnes	R32/1.27kg/675/0.858tonnes
Compressor	Type		Rotary	Rotary	Rotary	Rotary
	Model		KSK82D26UEZE3	KSN98D64UEZ3	KSN140D33UFZ3	C-6RZ180H3AAF
	MFG		GMCC	GMCC	GMCC	SANYO
Indoor air circulation						
	m ³ /h		560/560	670/670	1000/1000	1100/1100
Indoor fan type			Cross Flow,DC	Cross Flow,DC	Cross Flow DC	Cross Flow DC
Outdoor fan type			Propeller fan,DC	Propeller fan,DC	Propeller fan	Propeller fan
Connections						
Connecting Wiring	Core x Size		5×1.0mm ²	5×1.5mm ²	5×1.5mm ²	5×2.5mm ²
Expansion device			Electronic expansion valve	Electronic expansion valve	Electronic expansion valve	Electronic expansion valve
Connecting Pipe	Gas	Inches	3/8"	3/8"	3/8"	1/2"
	Liquid	Inches	1/4"	1/4"	1/4"	1/4"
Others						
Application area	m ²		9~16	14~22	20~35	27~45
Max. refrigerant pipe length	m		25	25	25	25
Max. difference in level	m		10	10	10	10
Operation temperature range			16-31	16-31	16-31	16-31
Ambient temperature range	Outdoor	°C	Cooling:15-53/Heating:-20-30	Cooling:15-53/Heating:-20-30	Cooling:15-53/Heating:-20-30	Cooling:15-53/Heating:-20-30
	Outdoor	°C	Cooling:15-53/Heating:-25-30	Cooling:15-53/Heating:-25-30	Cooling:15-53/Heating:-25-30	Cooling:15-53/Heating:-25-30
	Indoor	°C	Cooling:17-32/Heating:0-30	Cooling:17-32/Heating:0-30	Cooling:17-32/Heating:0-30	Cooling:17-32/Heating:0-30
Net dimensions	Indoor	mm	790×275×192	820×306×195	1100×333×222	1100×333×222
(W x H x D)	Outdoor	mm	795×549×305	795×549×305	920×699×380	967×803×421
Net weight	Indoor	kg	8.5	9.5	13	14
	Outdoor	kg	25	25	39	48

Packing dimensions	Indoor	mm	860×345×265	890×380×265	1165×405×295	1165×405×295
(W x H x D) w/o pipe	Outdoor	mm	835×340×585	835×340×585	960×732×400	1022×835×480
Gross weight	Indoor	kg	10.5	12	16	17
w/o pipe	Outdoor	kg	28	28	42	52
Loading Capacity w/o	40'HQ		268	250	155	120

0.244707
38.5

0.2557045
40

0.420276375
58

0.548805975
172

