

Specification of European New Efficiency DC Inverter Split

			AAC-09CHXA61-I (WI-FI)	AAC-12CHXA61-I (WI-FI)
Model No.			R32 9K	R32 12K
Type			heating pump	heating pump
Control type			remote controller	remote controller
Declared cooling capacity	W		2600(940~3320)	3500(1000~3870)
Declared heating capacity	W		2610(940~3380)	3520(1000~3950)
Pdesignc	W		2600	3500
SEER declared	W/W		6,1	6,1
Energy Class			A++	A++
EER declared	W/W		3,46	3,37
SCOP Average declared	W/W		4,0	4,0
Energy Class(Average)			A+	A+
COP declared	W/W		3,47	3,45
Annual energy consumption	Cooling	kwh/a	149	201
Moisture removal		Liters/h	0,9	1,2
Indoor sound power(H/M/L/Mute)		dB(A)	50/43/35/32	50/43/35/32
Outdoor sound power		dB(A)	60	60
Indoor sound pressure(H/M/L/Mute)		dB(A)	40/33/25/22	40/33/25/22
Outdoor sound pressure		dB(A)	50	50
Electrical Data				
Power supply			220-240V~/50Hz/1P	220-240V~/50Hz/1P
Voltage Range		V	165~265	165~265
Operating current	Cooling	A	4.0(1.2~6.3)	4.8(1.5 ~ 7.0)
	Heating	A	4.1(1.2~6.5)	4.7(1.5 ~ 7.2)
Power consumption	Cooling	W	750(240 ~ 1230)	1040(290 ~ 1400)
	Heating	W	752(240 ~ 1280)	1020(290 ~ 1430)
Refrigerating System				
Refrigerant type/Charge/GWP/CO2 equivalent			R32/0.53kg/675/0.358tonnes	R32/0.55kg/675/0.372tonnes
Compressor	Type		Rotary	Rotary
	MFG		GMCC	GMCC
Indoor air circulation				
Cooling/heating		m³/h	420/420	550/550
Indoor fan type			Cross Flow	Cross Flow
Outdoor fan type			Propeller fan	Propeller fan
Connections				
Connecting Wiring	Core x Size		4×1.0mm²	4×1.5mm²
Expension device			Capillary	Capillary
Connecting Pipe	Gas	Inches	3/8"	3/8"
	Liquid	Inches	1/4"	1/4"
Others				
Application area		m²	9~16	14~22
Max. refrigerant pipe length		m	25	25
Max. difference in level		m	10	10
Operation temperature range		°C	16-31	16-31
Ambient temperature range	Outdoor	°C	Cooling:0-53/Heating:-20-30	Cooling:0-53/Heating:-20-30
	Indoor	°C	Cooling:17-32/Heating:0-30	Cooling:17-32/Heating:0-30
Net dimensions (W x H x D)	Indoor	mm	698x255x190	777×250×205
	Outdoor	mm	715x240x492	715x240x492
Net weight	Indoor	kg	6,5	8,5
	Outdoor	kg	22	22
Packing dimensions (W x H x D) w/o pipe	Indoor	mm	764×325×257	850x320x275
	Outdoor	mm	818×325×520	818×325×520
w/i pipe	Outdoor	mm	818×325×520	818×325×520
Gross weight	Indoor	kg	8,5	10,5
	Outdoor	kg	25(w/o pipe) 26(w/i pipe)	25(w/o pipe) 26(w/i pipe)

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			<b>AAC-18CHXA61-I (WI-FI)</b>
<b>Model No.</b>			<b>R32 18K</b>
Type			heating pump
Control type			remote controller
Declared cooling capacity	W		5130(1250-5920)
Declared heating capacity	W		5230(1350-6280)
Pdesignc	W		5100
SEER declared	W/W		6,3
Energy Class			A++
SCOP Average declared			4,0
Energy Class(Average)			A+
Annual energy consumption	Cooling	kwh/a	283
Moisture removal			Liters/h 1,5
Indoor sound power(H/M/L/Mute)			dB(A) 53/48/43/37
Outdoor sound power			dB(A) 65
Indoor sound pressure(H/M/L/Mute)			dB(A) 43/40/35/27
Outdoor sound pressure			dB(A) 55
<b>Electrical Data</b>			
Power supply			220-240V~/50Hz/1P
Voltage Range			V 165~265
Operating current	Cooling	A	7.2(1.7~10.8)
	Heating	A	7.3(1.7~12.0)
Power consumption	Cooling	W	1530(330-2250)
	Heating	W	1550(340-2350)
<b>Refrigerating System</b>			
Refrigerant type/Charge/GWP/CO2 equivalent			R32/0.92kg/675/0.621tonnes
Compressor	Type		Rotary
	Model		C-6RZ146H3BAF
	MFG		SANYO
Indoor air circulation			m <sup>3</sup> /h 800/800
Cooling/heating			Cross Flow
Indoor fan type			Cross Flow
Indoor fan model			210900495E
Indoor fan speed H/M/L/Mute	Cooling	rpm	1200/1050/900/750
	Heating	rpm	1200/1050/900/750
	Dry	rpm	900
	Sleep	rpm	900/900
Indoor fan motor output			W 25
Outdoor fan type			Propeller fan
Outdoor brand / fan model			GZSDJ-33(DC)
Outdoor fan speed			rpm 860/760/650
Outdoor fan motor output			W 40
<b>Connections</b>			
Evaporator (dimensions/Øpipe/rows)			/
Condensor (dimensions/Øpipe/rows)			/
Connecting Wiring	Core x Size		4×1.5mm <sup>2</sup>

Expansion device			Electronic expansion valve
Connecting Pipe	Gas	Inches	3/8"
	Liquid	Inches	1/4"
<b>Others</b>			
Application area		m <sup>2</sup>	20~35
Max. refrigerant pipe length		m	25
Max. difference in level		m	10
Operation temperature range		°C	16-31
Ambient temperature range	Outdoor	°C	Cooling:-15-50/Heating:-20-30
	Indoor	°C	Cooling:17-32/Heating:0-30
Net dimensions	Indoor	mm	910×292×205
(W x H x D)	Outdoor	mm	780×602×347
Net weight	Indoor	kg	10
	Outdoor	kg	36
Packing dimensions	Indoor	mm	979×372×277
(W x H x D) w/o pipe	Outdoor	mm	890×628×385
w/i pipe	Outdoor	mm	890×628×385
Gross weight	Indoor	kg	13
	Outdoor	kg	40(w/o pipe) 41(w/i pipe)

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<b>AAC-24CHXA61-I (WI-FI)</b>
<b>R32 24K</b>
heating pump
remote controller
6810(1830~7810)
6870(1850~7930)
6800
6,5
A++
4,1
A+
366
1,8
54/51/48/40
67
44/41/38/30
57
220-240V~/50Hz/1P
165~265
8.9(2.3~12.5)
9.0(2.3~13.7)
1980(410~2800)
2050(420~3000)
R32/1.06kg/675/0.716tonnes
Rotary
C-6RZ146H3BAF
SANYO
970/980
Cross Flow
210900087AF
1200/1000/900/700
1200/1000/900/700
900
900/900
45
Propeller fan
GZSDJ-25(DC)-FZ
850/790/690
85
/
/
4×0.75mm <sup>2</sup>

Electronic expansion valve
1/2"
1/4"
27~45
25
10
16-31
Cooling:-15-50/Heating:-20-30
Cooling:17-32/Heating:0-30
1010×315×220
845×693×336
13
46
1096×390×297
960×732×400
960×732×430
16
52(w/o pipe)
55(w/i pipe)