

RESIDENTIAL LINE

MULTI-SPLIT Outdoor Unit AC+DHW

Nipon's Multisplit AC+DHW outdoor units are ideal for residential buildings, as they allow the installation of up to 4 indoor units and a tank for domestic hot water, i.e. possible combinations with wall-mounted units, cassette, duct, console and floor/ceiling.

Each indoor unit has its own remote control, which means you can set the temperature in each room without affecting the other rooms.



Multi-Split Outdoor Unit AC+DHW			M4-36DHW GA	M5-42DHW GA
Maximum number of Indoor Units			3 + 1	4 + 1
Cooling	Cooling Capacity	kW	10.6	12.1
	Input Power	W	2950	3400
	Current Input	A	13	15
	SEER	W/W	7.2	7.2
Energy Class			A++	A++
Heating	Heating Capacity	kW	12.0	13.8
	Input Power	W	3200	3600
	Current Input	A	14	16
	SCOP	W/W	4.2	4.2
Energy Class			A+	A+
Combination Capabilities (min-max)			Consultar tabela combinações (pág.26)	
Temperature Range Limit Cooling			-15~43	
Temperature Range Limit Heating			-22~24	
Power Supply (OU)			220 - 240 / 50Hz	
Power Supply Cable			mm ²	3x4
Communication (by cable)			mm ²	4x1.5
Compressor Type			Twin rotary	
Outdoor Unit Air Flow			m ³ /h	5800
Noise Level OU			dB(A)	60
Outdoor unit	Dimensions (WxDxH)	mm	1020x826x427	1020x826x427
	Unit's Weight	Kg	72.5	73.5
	Package Dim. (WxDxH)	mm	1090x850x494	1090x850x494
	Total Weight	Kg	85.5	86.5
Load of refrigerant R32 / length up to			g	2400
Additional Gas Load			g/m	20
Connections Refrigerant	Liquid/Gas Line	inch	1/4" - 3/8"	1/4" - 3/8"
	Line Max Length (per unit)	m	25	25
	Line Max Height Dif. (U.E/U.I)	m	25	25
	Line Max Height Dif. (U.I/U.I)	m	25	25
	Line Max Length (Total)	m	80	100
	Pre charge Gas	m	40	50
	Max Distance (E.U. / Tank)	m	25	25
	Max elevation change (E.U. / Tank)	m	10	10
Code			NI0125036	NI0125042

- UP TO 4 INDOOR UNITS**
- ENERGY CLASS A++/A+**
- HIGH EFFICIENCY**
- WIDE OPERATING RANGE**
(-15°C to +43°C in cooling and -22°C to + 24°C in heating).
- LOW NOISE**
- CONVENIENCE**
- THE USE OF INVERTER TECHNOLOGY**
With extreme outside temperatures, the air conditioner will maintain the temperature with a differential of ± 0.5°C.
- CONTROL SYSTEMS**
Each indoor unit has its own remote control, so you can set the temperature in each room without affecting the other rooms.
- This line of multisplit units incorporates a cable controller with Wi-Fi.

FIVE OPERATING MODES:

- COOLING**
- HEATING**
- HOT WATER**
- COOLING + HOT WATER**
- HEATING + HOT WATER**

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DHW Tank for Multi-Split Systems

DHW tank for multi-split systems, which can be combined with any indoor unit and offers maximum installation flexibility.



Depósito 200L		S200L GA	
Heating	Power	W	3.5
	Electrical consumption	W	0.833
	Current	A	3.62
	Energy Class	A+	
	Usable volume	L	185
Deposit	Maximum Pressure	bar	7
	Material	Vitrificado	
	Insulation	mm	45, espuma de poliuretano
	Weight	kg	72,5
	Water inlet/outlet Hydraulic connections	inch (DN)	1/2 (15)
Dimensions (Ø/height)		mm	462 / 2000
Package Dimensions (WxHxD)		mm	566 x 2108 x 583
Package Weight		kg	83
Electrical resistance power		W	1500
Power		V / f / Hz	220 - 240 / 1 / 50
DHW Temperature		°C	+35 - +80*
Protection level		IPX4	
Pipe diameter	Liquid	inch	1/4
	Gas	inch	3/8
Power cable		n° x s	3 x 2.5
Refrigerant		R32	
Consumption profile		L	
Code		NI0130120	

* only with electric resistance support (TEMP+ function)

Split System

200 Liter Tank

- › Deposit for buildings or villas.
- › Easy and flexible installation, minimizing space of installation.

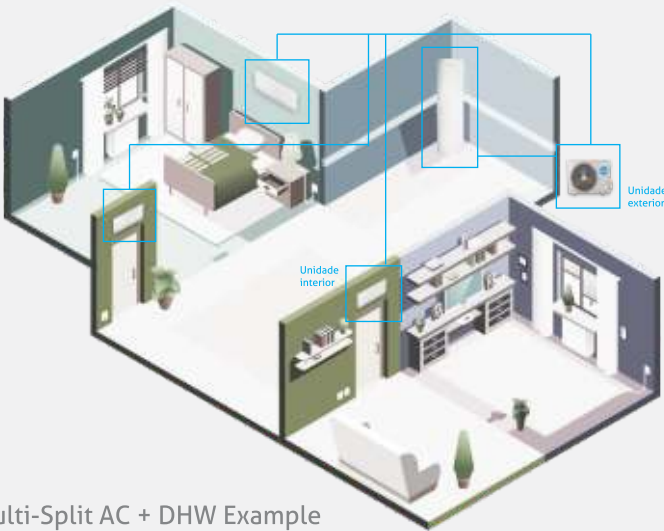
Energy class A+.

Intelligent defrost function.

Energy efficiency.



Controller included



Multi-Split AC + DHW Example



R32 Refrigerant is more efficient and more environmentally friendly.



Precise control of the electronic expansion valve.



Microchannel plate heat exchanger is more efficient and energy-saving.



Temperature sensors are installed at the top and bottom of the tank to provide precise control, offering greater comfort to the user.



Double safety protection: leakage current circuit breaker and water tank insulation.



Three modes available: **Standard**, **Eco** e **Boost** changeable from the user's point of view.



Cable controller with Wi-Fi supplied that allows you to remotely control the water tank.