

Air conditioning

Split systems - Residential and Light Commercial



Systemair Trust

We consider your trust in us as a supplier an important goal. It is always included in our work on all levels and in all areas whether it is a question of cooperation, quality, deliveries or documentation. This catalogue is of course a part of this work.

With this catalogue, which features products of air conditioning, we want to give you as a customer a general overview of what Systemair can offer within this field. More detailed information is available in our Online catalogue at www.systemair.com and as downloadable software. Systemair's range of fans, air distribution products and accessories also appears in our printed main catalogue.

Our product development leads the field - latest technologies in unit design, fans, motors, heat recovery, chillers, fan coils,... interact to give high efficiency and with that low power consumption. Systemair has grown each year since the start and we aim to continue with this trend.

Systemair strives to be a reliable supplier of quality products. We help our customers to focus on their own business. Reliable deliveries give the customers greater possibilities to quickly complete a job, and move on to the next project.

At Systemair we call this Trust.

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Systemair Group

From Sweden to the World



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Production Facilities

Always close to you!



Our commitment to quality

Systemair is certified in accordance with ISO 9001, ISO 14001, ATEX and European fire safety standard EN 12101-3. Our research and development laboratories are among the most modern in Europe. Our measurements are made in accordance with international standards such as AMCA and ISO.

Save energy and lower running costs!

Our "Green Ventilation" label highlights products that combine energy economy with energy efficiency, offering end users high energy-saving potential. The ErP symbol indicates that the product fulfills EU demands on energy consumption.

Systemair Group

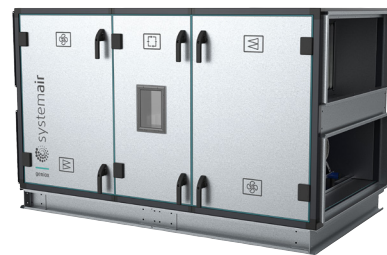
We have all what you need

Systemair has an extensive range of products: air handling units from large central units to small residential units with energy recovery, air conditioning products from air cooled or water cooled chillers/heat pumps to water terminal units, fans including smoke extractor, tunnel/car park fans and explosion proof fans, air distribution products and fire dampers. These products are installed in a large variety of locations, including offices, shops, industrial buildings, healthcare premises, tunnels, parking garages, training facilities, sport centres, homes etc.

Air handling units

Systemair produces a wide range of air handling units for several applications, from small office to large industrial building. The full range has been developed to satisfy strict needs of low energy consumption.

Our range of AHUs includes modular and compact air handling units, as well as a range of products specially designed for residential applications.

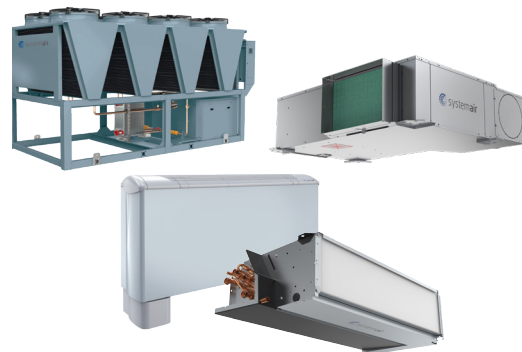


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Air conditioning

Systemair's air conditioning products are suitable for a wide variety of applications such as offices, shopping centers, schools, hotels, public transports, residential buildings, industries and Data centres.

Our extensive range includes everything from air-cooled and water-cooled chillers and heat pumps to rooftop units, water source heat pumps, water terminals, close control units and vertical air conditioners.



Fans

Systemair has a wide range of fans that covers all your application areas, from small offices to large industrial applications.

Circular and rectangular duct fans, Roof fans, High temperature fans, Explosion-proof fans, Plastic fans, Axial fans, Smoke extraction fans & pressure differential systems, Car park jet fans & control systems.



Air distribution products

Systemair develops, produces and delivers air distribution products, diffusers and air flow control units. These components not only comply with the interior design requirements, but also make their own contribution to a pleasant indoor climate.

Diffusers, grilles and air flow control.



Fire safety products

Systemair fire and smoke control dampers are used to minimize the property damage and help with evacuation of occupants.

Smoke extract fans, Fire and smoke dampers.




Residential ventilation

Systemair's line of heat recovery ventilation units is ideal for homes, small offices and similar premises. They offer a high level of comfort both in terms of heating and clean air supply, along with significant energy savings.

Residential units and kitchen hoods.



Systemair product solutions are:

- Innovative and energy efficient 
- Simple to choose, install and maintain
- Robust, stable and standardized
- Performance tested, measured and documented in every detail.

www.systemair.com

SYSPLIT



SYSPLIT air conditioners Systemair: residential and light commercial split systems

The SYSPLIT air conditioner range are specifically designed for small to medium sized areas, offering the end user improved comfort and reducing drastically the power consumption.

The expanded range of SYSPLIT air conditioners is of superior performance and quality, providing more choice for customers.

Our innovative products offer the ideal solution when you need quiet and efficient room air conditioning to create a comfortable environment.

The latest generation of SYSPLIT air conditioners are among the most technically advanced and energy-efficient systems available today.

In addition to Single Split systems, Systemair also offers the SYSPLIT MULTI – an advanced range of inverter Heat Pump Multi Split Systems with up to 5 indoor units of different types that can be connected.

All new SYSPLIT inverter systems use the new R32 refrigerant that has a low global warming potential (GWP) and allows to achieve higher efficiency levels.

SYSPLIT Single and Multi systems

SYSPLIT WALL CUTE	R32	12		SYSPLIT CEILING	R32	28	
SYSPLIT WALL PRIME	R32	14		SYSPLIT DUCT	R32	30	
SYSPLIT MULTI	R32	16		SPLIT-AHU Kit		32	
SYSPLIT MULTI combination		18		Control systems		34	
SYSPLIT CASSETTE	R32	26					

Ecodesign regulation

ErP Directive 2009/125

The new regulation have been adopted by the European Parliament to achieve the goals to reduce the power consumption in Europe related to air conditioning business and other home appliance as well as air-to-water heat pump, air handling, ventilation etc.

With its strategic plan called "20/20/20", Europe aims to reduce the CO₂ emissions by 20%, using 20% more renewable energy and consuming 20% less primary energy by 2020.

In order to facilitate the achievement of these objectives, EU issued the ErP Directive that specifies the eco-design

requirements for placing on the market the energy-using products.

For split air conditioners with power less than 12 kW, the minimum requirements are based on a new index of seasonal efficiency and on the sound power level as shown in the table below:

	A/C <6 kW		A/C 6-12 kW	
	SEER	SCOP	SEER	SCOP
SEER/SCOP min.	4,6	3,8	4,3	3,8
L _w indoor max.	60 dB(A)		65 dB(A)	
L _w outdoor max.	65 dB(A)		70 dB(A)	

20%
less emissions
of CO₂ gas

20%
more use
of renewable
energy

20%
less use of
primary energy

Measuring the performance in real conditions

The European Union requires the application of objective metrics for measuring performance in order to establish the minimum requirements and provide customers with information regarding the performance of air conditioning useful for their purchase.

The methodology used up to 2012 and based on the efficiency rating (EER) – presents a significant difference between the predicted and actual performance. For this reason a more accurate method has been designed: the seasonal efficiency ratio (SEER).

Among the most significant changes it includes the introduction of different operating temperatures for cooling and heating, the possibility of use of energy both at partial load and full load and power usage in standby and off mode.

Considering that most systems operate mostly in part-load conditions, the new methodology will allow to assess better the performance of a unit in real conditions.

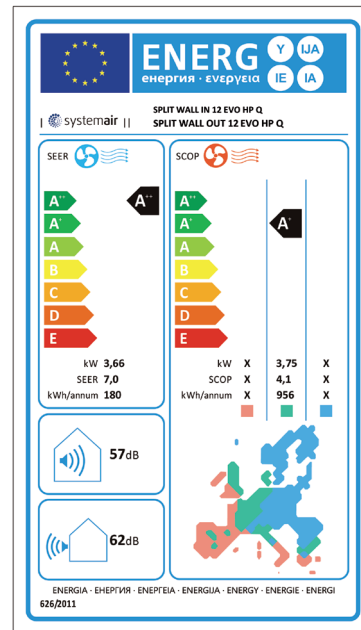
New energy classification

New energy classification in force from 1 January 2013

The transition to the concept of seasonal efficiency involves the development of a completely new energy label which shows the energy class based on the values of SEER and SCOP and the main characteristics of the product such as the sound power level of the indoor and outdoor units.

Energy efficiency in heating is presented with three different values according to the climate where the product is installed. For the manufacturer of the product is mandatory to indicate the values for the Temperate climate ("Average" heating value), those of the other two climates are optional. The data and energy efficiency classes are declared in accordance with EN14825.

The energy class shown in the new label, both in cooling and in heating, can not be compared to the energy class that had the old energy label as the latter was based on specific indices (EER and COP) and not on seasonal indices SEER and SCOP.



The energy efficiency classes for split air conditioners are shown in the table below:

Energy Efficiency Class	SEER	SCOP
A+++	SEER ≥ 8,50	SCOP ≥ 5,10
A++	6,10 ≤ SEER < 8,50	4,60 ≤ SCOP < 5,10
A+	5,60 ≤ SEER < 6,10	4,00 ≤ SCOP < 4,60
A	5,10 ≤ SEER < 5,60	3,40 ≤ SCOP < 4,00
B	4,60 ≤ SEER < 5,10	3,10 ≤ SCOP < 3,40
C	4,10 ≤ SEER < 4,60	2,80 ≤ SCOP < 3,10
D	3,60 ≤ SEER < 4,10	2,50 ≤ SCOP < 2,80
E	3,10 ≤ SEER < 3,60	2,20 ≤ SCOP < 2,50
F	2,60 ≤ SEER < 3,10	1,90 ≤ SCOP < 2,20
G	SEER < 2,60	SCOP < 1,90

Hi-wall Inverter High efficiency Split

SYSPLIT WALL CUTE 09-24



Infrared remote control
SYS RM 57
(standard)



Wired controller
SYS WC 120G1
Art. no. 314841
(optional)

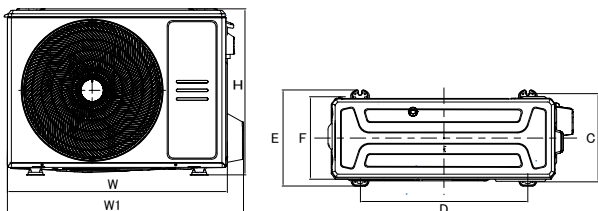
Features

SYSPLIT WALL CUTE encloses a unique design and a wide flexibility of use which goes from residential systems to multiple schemes in large buildings

- A+++ energy efficiency class in cooling for models 09 and 12
- Advanced DC inverter control for the compressor, outdoor fan motor and indoor fan motor.
- Cooling down to -15 °C and heating down to -20°C assures an operation all year round.
- Self-diagnosis function continuously monitors the operation of the air conditioner and protects the system.
- Refrigerant leakage detection can prevent the compressor being damaged by refrigerant leakage or compressor overload.
- With Turbo mode the unit will run with the ultra-high speed for 20 minutes, reaching more quickly the set-point temperature.
- The electric heating belt on the base plate of the outdoor unit avoids accumulation of rain, snow and defrosted water.
- The multifunction electronic board included provides a remote on/off contact, or can be connected to a centralized controller BMS gateway or to the wired controller SYS WC 120G1.
- Low GWP R32 refrigerant.
- The special antifreeze function in heating mode allows to keep a constant temperature of 8°C during absence periods of the user.
- The crankcase heater around the compressor assures safe start operation at very low outdoor temperature.
- Anticorrosive golden coating on the heat exchangers of outdoor units can withstand the salty air, rain and other corrosive elements. It also improves heat exchange efficiency.
- Infrared remote control SYS RM 57 included. Wired remote control SYS WC 120G1 available as accessory.

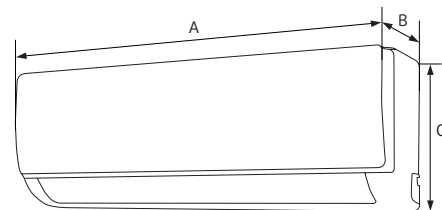
Dimensions

SYSPLIT WALL OUT



Model	09	12	18	24
W	765	765	805	890
W1	835	835	874	955
H	555	555	554	673
C	286	286	317	348
D	452	452	511	663
E	314	314	346	380
F	274	274	307	325

SYSPLIT WALL CUTE



Model	09	12	18	24
A	802	802	965	1.080
B	189	189	215	226
C	297	297	319	335

Technical features

Model Indoor unit	SYSPLIT WALL	CUTE 09 EVO HP Q	CUTE 12 EVO HP Q	CUTE 18 EVO HP Q	CUTE 24 EVO HP Q	
Model Outdoor unit	SYSPLIT WALL	OUT 09 EVO-X HP Q	OUT 12 EVO-X HP Q	OUT 18 EVO-X HP Q	OUT 24 EVO-X HP Q	
Art. no. Indoor unit		323539	323540	323541	323542	
Art. no. Outdoor unit		323543	323544	323545	323546	
Refrigerant / Charged quantity	kg	R32 / 0,62	R32 / 0,62	R32 / 1,1	R32 / 1,45	
Power supply	V/Ph/Hz	220-240/1/50-60				
Cooling capacity	kW	2,64 (1,03-3,22)	3,52 (1,38-4,31)	5,28 (3,39-5,9)	7,03 (2,11-8,21)	
Power consumption	W	613 (90-1.140)	977 (130-1.650)	1.550 (560-2.050)	2.510 (420-3.200)	
Operating current	A	2,66 (0,4-4,7)	4,24 (0,6-7,2)	6,7 (2,4-9,0)	10,9 (1,8-13,9)	
EER		4,31	3,60	3,41	2,80	
SEER		9,3	8,5	7,0	6,5	
Energy label cooling		A+++	A+++	A++	A++	
Annual Energy consumption	kWh	98	146	265	377	
Heating capacity	kW	2,93 (0,82-3,37)	3,81(1,07-4,38)	5,57(3,10-5,85)	7,33 (1,55-8,21)	
Power consumption	W	637 (110-1.080)	977 (160-1.560)	1.500 (780-2.000)	2.130 (300-3.100)	
Operating current	A	2,77 (0,48-4,7)	4,24 (0,7-6,78)	6,5 (3,4-8,7)	9,3 (1,3-13,5)	
COP		4,60	3,90	3,71	3,44	
SCOP (Warmer / Average)		6,0 / 4,6	6,1 / 4,6	5,1 / 4,0	4,9 / 4,0	
Energy label (Warmer / Average)		A+++ / A++	A+++ / A++	A+++ / A+	A++ / A+	
Annual Energy consumption (Warmer / Average)	kWh	630 / 743	689 / 791	1.308 / 1.435	1.615 / 1.730	
Indoor unit						
Air flow rate (H/M/L)	m3/h	483/362/303	584/477/395	730/500/420	1.020/830/640	
Indoor fan		DC motor				
Sound pressure level (H/M/L)	dB(A)	36,5/29/24	39,5/33/25	43/33,5/28	47/41,5/30,5	
Sound power level (H)	dB(A)	55	55	57	63	
Dimensions LxWxH	mm	802x189x297	802x189x297	965x215x319	1.080x226x335	
Packing LxWxH	mm	875x285x380	875x285x380	1.045x305x410	1.155x320x415	
Net/gross weight	kg	8,6/11,1	8,6/11,1	10,9/14,2	13,7/17,3	
Drain piping	mm	ODΦ 16	ODΦ 16	ODΦ 16	ODΦ 16	
Outdoor unit						
Compressor		Rotary DC Inverter				
Outdoor fan		DC motor				
Sound pressure level (H)	dB(A)	43	45	48	50	
Sound power level (H)	dB(A)	60	62	65	67	
Dimensions LxWxH	mm	765x303x555	765x303x555	805x330x554	890x342x673	
Packing LxWxH	mm	887x337x610	887x337x610	915x370x615	995x398x740	
Net/gross weight	kg	26,7/29,1	26,7/29,1	33,5/36,1	43,9/46,9	
Piping diameters	Liquid	mm(inch)	6,35 (1/4")	6,35 (1/4")	6,35 (1/4")	9,52 (3/8")
	Gas	mm(inch)	9,52 (3/8")	9,52 (3/8")	12,7 (1/2")	15,9 (5/8")
Max. input current	A	10,5	10,5	13	19	
Maximum length of the line	m	25	25	30	30	
Maximum height difference	m	10	10	20	20	
Indoor temperature	°C	+17 ... +32 cooling / heating 0 ... +30				
Outdoor temperature	°C	-15 ... +50 cooling / heating -20 ... +24				

Nominal conditions

	Indoor unit	Outdoor unit	Piping length	Level difference
Cooling mode	27°C DB, 19°C WB	35°C DB	5 m	0 m
Heating mode	20°C DB, 19°C WB	7°C DB, 6°C WB	5 m	0 m

Seasonal efficiency according to EN 14825.

The sound pressure value of the outdoor units is measured in free field at a distance of 2 m. The sound pressure value of the indoor units is measured at 1 m from the front of the unit.

Hi-wall Inverter Split

SYSPLIT WALL PRIME 09-24



Infrared remote control
SYS RM 57
(standard)



Wifi module
SYSPLIT WIFI MODULE
Art. no. 315152
(optional)

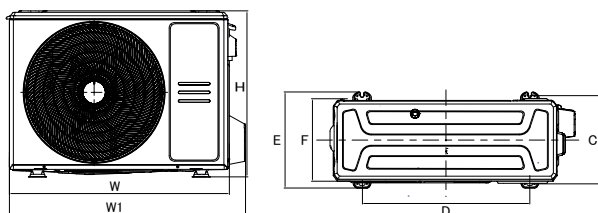
Features

SYSPLIT WALL PRIME are the most affordable and reliable solution for small offices and residential premises.

- High efficient DC inverter control provides accurate regulation of the room temperature.
- Stylish appearance with hidden display.
- Wifi module connection.
- Outdoor units are equipped with valve protection cover.
- Self-diagnosis function continuously monitors the operation of the air conditioner and protect the system.
- Refrigerant leakage detection can prevent the compressor being damaged by refrigerant leakage or compressor overload.
- The cold catalyst filter effectively decomposes volatile compounds and it has anti-bacteria effect. It is washable and maintains the effect for long time.
- With Turbo mode the unit will run with the ultra-high speed for 20 minutes to reach more quickly the set-point temperature.
- The special antifreeze function in heating mode allows to keep a constant temperature of 8°C during absence periods of the user.
- With the Auto-restart function the unit resumes with the same settings before the electric power failure.
- Low GWP R32 refrigerant.
- Anticorrosive golden coating on the heat exchangers of outdoor units can withstand the salty air, rain and other corrosive elements. It also improves heat exchange efficiency.
- Infrared remote control SYS RM 57 included.

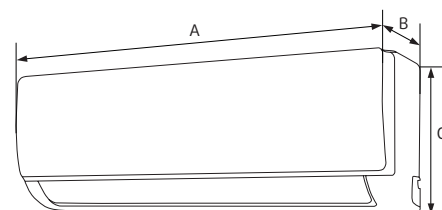
Dimensions

SYSPLIT WALL OUT



Model	09	12	18	24
W	720	720	805	890
W1	790	790	874	955
H	495	495	554	673
C	255	255	317	348
D	452	452	511	663
E	281	281	346	380
F	245	245	307	325

SYSPLIT WALL PRIME



Model	09	12	18	24
A	805	805	957	1.040
B	194	194	213	220
C	285	285	302	327

Technical features

Model Indoor unit	SYSPLIT WALL	PRIME 09 INV HP Q	PRIME 12 INV HP Q	PRIME 18 INV HP Q	PRIME 24 INV HP Q	
Model Outdoor unit	SYSPLIT WALL	OUT 09 INV-X HP Q	OUT 12 INV-X HP Q	OUT 18 INV-X HP Q	OUT 24 INV-X HP Q	
Art. no. Indoor unit		315750	323572	315807	315808	
Art. no. Outdoor unit		322263	322289	322333	322525	
Refrigerant / Charged quantity	kg	R32 / 0,55	R32 / 0,55	R32 / 1,08	R32 / 1,42	
Power supply	V/Ph/Hz	220-240/1/50				
Cooling capacity	kW	2,77 (0,91-3,40)	3,35 (1,11-4,16)	4,97 (1,82-6,15)	7,03 (2,08-7,91)	
Power consumption	W	769 (100-1.240)	1.021 (130-1.580)	1.404 (140-2.300)	2.600 (420-3.150)	
Operating current	A	3,2 (0,4-5,4)	5,2 (0,5-6,9)	6,5 (0,6-10,0)	11,5 (1,8-13,8)	
EER		3,60	3,28	3,54	2,70	
SEER		6,3	6,1	7,4	6,1	
Energy label		A++	A++	A++	A++	
Annual Energy consumption	kWh	156	221	247	405	
Heating capacity	kW	3,03 (0,82-3,37)	3,58 (1,08-4,22)	5,27 (1,29-6,74)	7,33 (1,61-7,91)	
Power consumption	W	773 (120-1.200)	965 (100-1.680)	1.376 (220-2.350)	2.400 (300-2.750)	
Operating current	A	3,2 (0,5-5,2)	4,5 (0,4-6,9)	6,5 (0,95-10,2)	11,0 (1,3-12,2)	
COP		3,92	3,71	3,83	3,05	
SCOP (Warmer / Average)		5,1 / 4,0	5,1 / 4,0	5,1 / 4,0	5,0 / 4,0	
Energy label (Warmer / Average)		A+++ / A+	A+++ / A+	A+++ / A+	A++ / A+	
Annual Energy consumption (Warmer/ Average)	kWh	714 / 910	686 / 945	1.260 / 1.435	1.705 / 1.818	
Indoor unit						
Air flow rate (H/M/L)	m3/h	466/360/325	540/430/314	840/680/540	980/817/662	
Indoor fan		AC motor		DC motor		
Sound pressure level (H/M/L)	dB(A)	38,5/32/25	40,5/34,5/25	42,5/36/26	45/40,5/36	
Sound power level (H)	dB(A)	54	55	56	59	
Dimensions LxWxH	mm	805x194x285	805x194x285	957x213x302	1.040x220x327	
Packing LxWxH	mm	870x270x360	870x270x360	1.035x305x380	1.120x315x405	
Net/gross weight	kg	7,6/9,8	7,6/9,8	10/13	12,3/15,8	
Drain piping	mm	ODΦ16	ODΦ16	ODΦ16	ODΦ16	
Outdoor unit						
Compressor		Rotary DC Inverter				
Outdoor fan		DC motor				
Sound pressure level (H)	dB(A)	45	46	46	50	
Sound power level (H)	dB(A)	62	63	63	67	
Dimensions LxWxH	mm	720x270x495	720x270x495	805x330x554	890x342x673	
Packing LxWxH	mm	828x298x540	828x298x540	915x370x615	995x398x740	
Net/gross weight	kg	23,2/25	23,2/25	32,7/35,4	42,9/45,9	
Piping diameters	Liquid	mm(inch)	6,35 (1/4")	6,35 (1/4")	6,35 (1/4")	9,52 (3/8")
	Gas	mm(inch)	9,52 (3/8")	9,52 (3/8")	12,7 (1/2")	15,9 (5/8")
Max. input current	A	10	10	13,5	15,5	
Maximum length of the line	m	25	25	30	50	
Maximum height difference	m	10	10	20	25	
Indoor temperature	°C	+17...+32 cooling / heating 0...+30				
Outdoor temperature	°C	-15...+50 cooling / heating -15...+30				

Nominal conditions

	Indoor unit	Outdoor unit	Piping length	Level difference
Cooling mode	27°C DB, 19°C WB	35°C DB	5 m	0 m
Heating mode	20°C DB, 19°C WB	7°C DB, 6°C WB	5 m	0 m

Seasonal efficiency according to EN 14825.

The sound pressure value of the outdoor units is measured in free field at a distance of 2 m. The sound pressure value of the indoor units is measured at 1 m from the front of the unit.

Multi-split Inverter High efficiency SYSPLIT MULTI 18-42 EVO HP

MULTI2 18



R32

MULTI3 27



R32

MULTI4 36, MULTI5 42



R32

Features

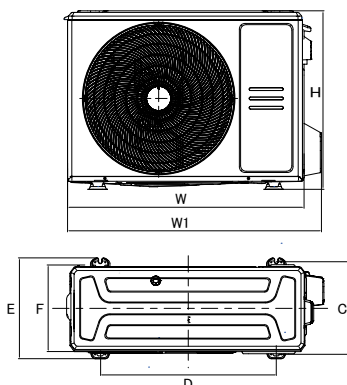
SYSPLIT MULTI EVO are ideal and flexible solution for providing quiet and efficient air conditioning for 2 to 5 areas from a single outdoor unit.

SYSPLIT MULTI outdoor units are compatible with SYSPLIT WALL, CASSETTE, DUCT and FLOOR/CEILING indoor units.

- DC inverter technology for precise temperature control and a low start-up current.
- Robust and reliable structure, cabinet made of zinc steel sheet.
- Outdoor units are equipped with valve protection cover.
- Rotary compressors assure high efficient operation, minimal vibration and low noise level.
- The electric heating belt fitted on the base plate of the outdoor unit avoid accumulation of rain, snow and defrosted water (only for models 18 and 27).
- Cooling down to -15 °C and heating down to -20°C assures an operation all year round.
- The crankcase heater wrapped around the compressor assures safe start at very low outdoor temperature (only for models 18 and 27).
- With the Auto-restart function the unit resumes with the same settings before the electric power failure.
- Low GWP R32 refrigerant.

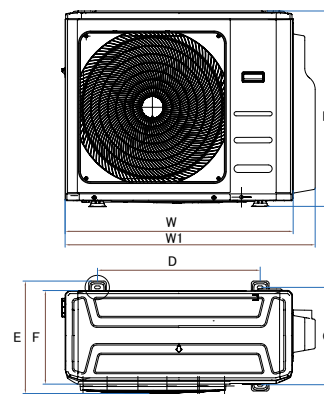
Dimensions

SYSPLIT MULTI2 18 and MULTI3 27



Model	18	27
W	805	890
W1	874	955
H	554	673
C	317	348
D	511	663
E	346	380
F	307	325

SYSPLIT MULTI4 36 and MULTI5 42



Model	36	42
W	946	946
W1	1034	1034
H	810	810
C	403	403
D	673	673
E	465	465
F	387	387

Technical features

Model	SYSPLIT	MULTI2 18 EVO-X HP Q	MULTI3 27 EVO-X HP Q	MULTI4 36 EVO32 HP Q	MULTI5 42 EVO32 HP Q	
Art. no. Outdoor unit		327472	327473	315864	315865	
Refrigerant / Charged quantity	kg	R32 / 1,25	R32 / 1,85	R32 / 2,1	R32 / 2,9	
Power supply	V-ph-Hz	220-240/1/50-60				
Cooling capacity	kW	5,28 (2,29-5,71)	7,91 (3,18-8,21)	10,55 (2,05-12,66)	12,31 (3,02-14,07)	
Power consumption	W	1.635 (690-2.000)	2.450 (290-3.100)	3.270 (1.140-4.090)	3.810 (280-4.650)	
Operating current	A	7,3 (3,2-9,0)	11,2 (2,0-13,5)	14,3 (5,1-18,2)	16,0 (1,4-20,7)	
EER		3,23	3,23	3,23	3,23	
SEER		6,1	6,1	6,2	6,1	
Energy label cooling		A++	A++	A++	A++	
Annual Energy consumption	kWh	309	453	598	714	
Heating capacity	kW	5,57 (2,40-5,74)	8,21 (2,29-8,50)	10,84 (2,34-13,01)	12,31 (3,46-14,51)	
Power consumption	W	1.500 (600-1.780)	2.210 (370-2.900)	2.760 (970-3.450)	3.300 (650-3.800)	
Operating current	A	6,6 (2,8-7,95)	10,1 (2,4-13,0)	12,1 (4,3-15,3)	14,6 (3,0-16,6)	
COP		3,71	3,73	3,93	3,73	
SCOP (Warmer / Average)		5,1/3,8	5,1/4,0	5,2/3,8	4,91/3,5	
Energy label heating (Warmer / Average)		A+++ / A	A+++ / A+	A+++ / A	A+++ / A	
Annual En. consump. (Warmer / Average)	kWh	1.377 / 1.768	1.675 / 1.960	2.638 / 3.316	2.857 / 3.933	
Outdoor Unit						
Compressor		Rotary DC Inverter				
Outdoor fan		DC motor				
Sound pressure level (H)	dB(A)	48	51	50	52	
Sound power level (H)	dB(A)	65	68	67	69	
Dimensions LxWxH	mm	805x330x554	890x342x673	946x410x810	946x410x810	
Packing LxWxH	mm	915x370x615	1.030x438x750	1.090x500x875	1.090x500x875	
Net/gross weight	kg	35/38	48/52	69/76	74/80	
Piping diameters	Liquid	mm(inch)	2x 6,35 (1/4")	3x 6,35 (1/4")	4x 6,35 (1/4")	5x 6,35 (1/4")
	Gas	mm(inch)	2x 9,52 (3/8")	3x 9,52 (3/8")	3x 9,52+1x 12,7 (3x 3/8"+1x 1/2")	4x 9,52+1x 12,7 (4x 3/8"+1x 1/2")
Max. input current	A	12	18	21,5	22	
Max. length of all piping lines	m	40	60	80	80	
Max. length for one indoor unit	m	25	30	35	35	
Max. height difference	m	15	15	15	15	
Max. height difference among indoor units	m	10	10	10	10	
Outdoor temperature	°C	-15 ... +50 cooling / heating -20 ... +24				

Rated performance at 100% of combination with SYSPLIT WALL PRIME 09 EVO HP Q.
For combination exceeding 100%, the cooling and heating capacities of each indoor units will be proportionally reduced.

Nominal conditions

	Indoor unit	Outdoor unit	Piping length	Level difference
Cooling mode	27°C DB, 19°C WB	35°C DB	5 m	0 m
Heating mode	20°C DB, 19°C WB	7°C DB, 6°C WB	5 m	0 m

Seasonal efficiency according to EN 14825.
The sound pressure value of the outdoor units is measured in free field at a distance of 2 m.

Indoor units for SYSPLIT MULTI EVO

Wall mounted indoor unit SYSPLIT WALL CUTE



Infrared remote control
SYS RM 57
(standard)

Model indoor unit	SYSPLIT WALL	CUTE 09 EVO HP Q	CUTE 12 EVO HP Q	CUTE 18 EVO HP Q	CUTE 24 EVO HP Q	
Art. no. Indoor unit		323539	323540	323541	313542	
Cooling capacity	kW	2,64	3,52	5,28	7,03	
Heating capacity	kW	2,93	3,81	5,57	7,33	
Power consumption	W	24	24	34	62	
Operating current	A	0,11	0,11	0,15	0,28	
Air flow rate (H/M/L)	m ³ /h	483/362/303	584/477/395	730/500/420	1.020/830/640	
Sound pressure level 1 mt (H/M/L)	dB(A)	36,5/29/24	39,5/33/25	43/33,5/28	47/41,5/30,5	
Sound power level (H)	dB(A)	55	55	57	63	
Piping diameters	Liquid	mm (inch)	6,35 (1/4")	6,35 (1/4")	6,35 (1/4")	9,52 (3/8")
	Gas	mm (inch)	9,52 (3/8")	9,52 (3/8")	12,7 (1/2")	15,9 (5/8")
	Drainage	mm	Ø16	Ø16	Ø16	Ø16
Dimensions LxWxH	mm	802x189x297	802x189x297	965x215x319	1.080x226x335	
Packing LxWxH	mm	875x285x380	875x285x380	1.045x305x410	1.155x320x415	
Net/gross weight	kg	8,6/11,1	8,6/11,1	10,9/14,2	13,7/17,3	

Wall mounted indoor unit SYSPLIT WALL PRIME



Infrared remote control
SYS RM 57
(standard)

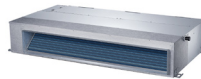
Model indoor unit	SYSPLIT WALL	PRIME 09 INV HP Q	PRIME 12 INV HP Q	PRIME 18 INV HP Q	PRIME 24 INV HP Q	
Art. no. Indoor unit		315750	323572	315807	315808	
Cooling capacity	kW	2,77	3,35	4,97	7,03	
Heating capacity	kW	3,03	3,58	5,27	7,33	
Power consumption	W	48	48	34	62	
Operating current	A	0,21	0,2	0,15	0,28	
Air flow rate (H/M/L)	m ³ /h	466/360/325	540/430/314	840/680/540	980/817/662	
Sound pressure level 1 mt (H/M/L)	dB(A)	38,5/32/25	40,5/34,5/25	42,5/36/26	45/40,5/36	
Sound power level (H)	dB(A)	54	55	56	59	
Piping diameters	Liquid	mm (inch)	6,35 (1/4")	6,35 (1/4")	6,35 (1/4")	9,52 (3/8")
	Gas	mm (inch)	9,52 (3/8")	9,52 (3/8")	12,7 (1/2")	15,9 (5/8")
	Drainage	mm	Ø16	Ø16	Ø16	Ø16
Dimensions LxWxH	mm	805x194x285	805x194x285	957x213x302	1.040x220x327	
Packing LxWxH	mm	870x270x360	870x270x360	1.035x305x380	1.120x315x405	
Net/gross weight	kg	7,6/9,8	7,6/9,8	10/13	12,3/15,8	



Infrared remote control
SYS RM 10
(standard)

Cassette indoor unit SYSPPLIT CASSETTE

Model indoor unit	SYSPPLIT CASSETTE		12 LNS HP Q	18 LNS HP Q	24 LNS HP Q
Model panel unit	SYSPANEL CASSETTE		MINI SPLIT	MINI SPLIT	LNS SPLIT
Art. no. Indoor unit			323547	323548	323549
Art. no. Panel unit			314691	314691	323719
Cooling capacity	kW		3,52	5,28	7,03
Heating capacity	kW		3,81	5,57	7,62
Power consumption	W		45	45	157
Operating current	A		0,18	0,18	0,44
Air flow rate (H/M/L)	m ³ /h		570/485/390	680/585/480	1.245/1.120/990
Sound pressure level 1,4 mt (H/M/L)	dB(A)		42/37,5/34,5	45,4/44/39	50/47,5/42
Sound power level (H)	dB(A)		57	59	59
Piping diameters	Liquid	mm (inch)	6,35 (1/4")	6,35 (1/4")	9,52 (3/8")
	Gas	mm (inch)	9,52 (3/8")	12,7 (1/2")	15,9 (5/8")
	Drainage	mm	ØDØ25	ØDØ25	ØDØ25
Dimensions Unit / Panel LxWxH	mm		570/647 x 570/647 x 260/50		840/950 x 840/950 x 205/55
Packing Unit / Panel LxWxH	mm		655/715 x 655/715 x 290/123		910/1.035 x 910/1.035 x 250/90
Net/gross Unit weight	kg		16,3/20,4		21,6/25,4
Net/gross Panel weight	kg		2,5/4,5		6,0/9,0



Wired controller
SYS WC 120G
(standard)

Duct indoor unit SYSPPLIT DUCT

Model indoor unit	SYSPPLIT DUCT		12 LNS HP Q	18 LNS HP Q	24 LNS HP Q
Art. no. Indoor unit			323559	323560	323561
Cooling capacity	kW		3,5	5,3	7,03
Heating capacity	kW		3,81	5,57	7,62
Power consumption	W		40	90	90
Operating current	A		0,17	0,4	0,4
Air flow rate (H/M/L)	m ³ /h		600/480/300	910/705/515	1.230/1.835/825
External static pressure Rated/Range (H)	Pa		25 / 0-60	25 / 0-100	25 / 0-160
Sound pressure level 1,5 mt (H/M/L)	dB(A)		34,5/32/30	42/39/35	49/46/41
Sound power level (H)	dB(A)		58	58	62
Piping diameters	Liquid	mm (inch)	6,35 (1/4")	6,35 (1/4")	9,52 (3/8")
	Gas	mm (inch)	9,52 (3/8")	12,7 (1/2")	15,9 (5/8")
	Drainage	mm	ØDØ25	ØDØ25	ØDØ25
Dimensions LxWxH	mm		700x506x200	880x674x210	1.100/774/249
Packing LxWxH	mm		860x540x285	1.070x725x280	1.305/805/315
Net/gross weight	kg		17,8/21,5	24,4/29,6	32,3/39,1



Infrared remote control
SYS RM 10
(standard)

Ceiling/Floor indoor unit SYSPPLIT CEILING

Model indoor unit	SYSPPLIT CEILING		18 LNS HP Q	24 LNS HP Q
Art. no. Indoor unit			323553	323554
Cooling capacity	kW		5,3	7,03
Heating capacity	kW		5,6	7,6
Power consumption	W		96	100
Operating current	A		0,4	0,4
Air flow rate (H/M/L)	m ³ /h		960/840/720	1.190/1.020/850
Sound pressure level 1 mt (H/M/L)	dB(A)		44/41/37	51/47/43
Sound power level (H)	dB(A)		59	65
Piping diameters	Liquid	mm (inch)	6,35 (1/4")	9,52 (3/5")
	Gas	mm (inch)	12,7 (1/2")	15,9 (5/8")
	Drainage	mm	ØDØ25	ØDØ25
Dimensions LxWxH	mm		1.068x675x235	1.068x675x235
Packing LxWxH	mm		1.145x755x318	1.145x755x318
Net/gross weight	kg		28/33	28/33

Rated capacity table SYSPLIT MULTI EVO

SYSPLIT MULTI2 18 EV032 HP Q

COOLING														
Nr. of Unit	Indoor Units	Combinations		Nominal Cooling Cap. (kW)		Total Cooling Capacity (kW)			Total Power Input (kW)			EER	SEER	Energy Class
		Unit A	Unit B	Unit A	Unit B	Min.	Rated	Max.	Min.	Rated	Max.			
One Unit	9	9	–	2,50	–	1,43	2,50	3,20	0,35	0,75	0,93	3,35	–	–
	12	12	–	3,50	–	1,43	3,50	3,90	0,35	1,08	1,29	3,25	–	–
	18	18	–	5,00	–	1,64	5,00	5,49	0,45	1,66	2,02	3,01	–	–
Two Unit	9+9	9	9	2,64	2,64	2,11	5,28	6,39	0,58	1,75	2,19	3,01	5,8	A++
	9+12	9	12	2,27	3,03	2,11	5,30	6,39	0,58	1,76	2,19	2,95	5,8	A++
	9+18	9	18	1,80	3,60	2,11	5,40	6,44	0,58	1,77	2,19	3,05	5,8	A++
	12+12	12	12	2,65	2,65	2,11	5,30	6,39	0,58	1,76	2,19	3,01	5,8	A++

HEATING														
Nr. of Unit	Indoor Units	Combinations		Nominal Heating Cap. (kW)		Total Heating Capacity (kW)			Total Power Input (kW)			COP	SCOP	Energy Class
		Unit A	Unit B	Unit A	Unit B	Min.	Rated	Max.	Min.	Rated	Max.			
One Unit	9	9	–	3,00	–	1,56	3,00	3,63	0,32	0,80	1,01	3,73	–	–
	12	12	–	3,80	–	1,56	3,80	4,60	0,32	1,01	1,22	3,75	–	–
	18	18	–	5,30	–	1,73	5,30	5,79	0,42	1,43	1,81	3,71	–	–
Two Unit	9+9	9	9	2,79	2,79	2,23	5,57	6,74	0,49	1,45	1,96	3,84	4,0	A+
	9+12	9	12	2,40	3,20	2,23	5,60	6,74	0,49	1,46	1,96	3,84	4,0	A+
	9+18	9	18	1,93	3,87	2,23	5,80	6,80	0,49	1,52	1,96	3,81	4,0	A+
	12+12	12	12	2,80	2,80	2,23	5,60	6,74	0,49	1,46	1,96	3,84	4,0	A+

SYSPLIT MULTI3 27 EV032 HP Q

COOLING																
Nr. of Unit	Indoor Units	Combinations			Nominal Cooling Cap. (kW)			Total Cooling Capacity (kW)			Total Power Input (kW)			EER	SEER	Energy Class
		Unit A	Unit B	Unit C	Unit A	Unit B	Unit C	Min.	Rated	Max.	Min.	Rated	Max.			
One Unit	9	9	–	–	2,50	–	–	1,58	2,50	3,20	0,40	0,78	0,97	3,21	–	–
	12	12	–	–	3,50	–	–	1,58	3,50	3,90	0,40	1,09	1,31	3,21	–	–
	18	18	–	–	5,00	–	–	1,78	5,00	6,50	0,50	1,56	1,79	3,21	–	–
Two Unit	9+9	9	9	–	2,65	2,65	–	2,21	5,30	7,11	0,64	1,65	2,45	3,21	5,6	A++
	9+12	9	12	–	2,57	3,43	–	2,21	6,00	7,51	0,64	1,87	2,58	3,21	5,6	A++
	9+18	9	18	–	2,27	4,53	–	2,21	6,80	7,90	0,64	2,11	2,70	3,23	5,6	A++
	12+12	12	12	–	3,15	3,15	–	2,21	6,30	7,66	0,64	1,96	2,65	3,22	5,6	A++
	12+18	12	18	–	2,72	4,08	–	2,21	6,80	7,90	0,64	2,11	2,70	3,23	5,6	A++
Three Unit	9+9+9	9	9	9	2,63	2,63	2,63	2,77	7,90	8,69	0,76	2,45	2,92	3,22	6,1	A++
	9+9+12	9	9	12	2,37	2,37	3,16	2,77	7,90	8,69	0,76	2,45	2,92	3,23	6,1	A++
	9+12+12	9	12	12	2,15	2,87	2,87	2,77	7,90	8,69	0,76	2,44	2,92	3,24	6,1	A++
	12+12+12	12	12	12	2,63	2,63	2,63	2,77	7,90	8,69	0,76	2,44	2,92	3,24	6,1	A++

HEATING																
Nr. of Unit	Indoor Units	Combinations			Nominal Heating Capacity (kW)			Total Heating Capacity (kW)			Total Power Input (kW)			COP	SCOP	Energy Class
		Unit A	Unit B	Unit C	Unit A	Unit B	Unit C	Min.	Rated	Max.	Min.	Rated	Max.			
One Unit	9	9	–	–	3,00	–	–	1,64	3,00	3,20	0,40	0,90	1,12	3,35	–	–
	12	12	–	–	3,80	–	–	1,64	3,80	3,90	0,40	1,13	1,36	3,35	–	–
	18	18	–	–	5,60	–	–	1,89	5,60	7,22	0,50	1,67	1,92	3,35	–	–
Two Unit	9+9	9	9	–	3,00	3,00	–	2,30	6,00	7,38	0,61	1,74	2,35	3,45	3,8	A
	9+12	9	12	–	2,70	3,60	–	2,30	6,30	7,79	0,61	1,83	2,47	3,45	3,8	A
	9+18	9	18	–	2,33	4,67	–	2,30	7,00	8,20	0,61	2,03	2,58	3,45	3,8	A
	12+12	12	12	–	3,25	3,25	–	2,30	6,50	7,95	0,61	1,88	2,54	3,45	3,8	A
	12+18	12	18	–	2,80	4,20	–	2,30	7,00	8,20	0,61	2,03	2,58	3,45	3,8	A
Three Unit	9+9+9	9	9	9	2,73	2,73	2,73	2,87	8,20	9,02	0,73	2,35	2,80	3,49	4,0	A+
	9+9+12	9	9	12	2,49	2,49	3,32	2,87	8,30	9,02	0,73	2,37	2,80	3,50	4,0	A+
	9+12+12	9	12	12	2,26	3,02	3,02	2,87	8,30	9,02	0,73	2,37	2,80	3,50	4,0	A+
	12+12+12	12	12	12	2,77	2,77	2,77	2,87	8,30	9,02	0,73	2,37	2,80	3,50	4,0	A+

Rated capacity table SYSPLIT MULTI EVO

SYSPLIT MULTI4 36 EVO32 HP Q

COOLING																		
Nr. of Unit	Indoor Units	Combinations				Nominal Cooling Capacity (kW)				Total Cooling Capacity (kW)			Total Power Input (kW)			EER	SEER	Energy Class
		Unit A	Unit B	Unit C	Unit D	Unit A	Unit B	Unit C	Unit D	Min.	Rated	Max.	Min.	Rated	Max.			
One Unit	9	9	–	–	–	2,50	–	–	–	1,58	2,50	3,20	0,45	0,84	1,05	2,98	–	–
	12	12	–	–	–	3,50	–	–	–	1,58	3,50	3,90	0,45	1,17	1,41	2,98	–	–
	18	18	–	–	–	5,00	–	–	–	1,79	5,00	6,50	0,58	1,68	1,93	2,98	–	–
	24	24	–	–	–	7,00	–	–	–	2,21	7,00	8,00	0,62	2,35	2,70	2,98	–	–
Two Unit	9+9	9	9	–	–	2,65	2,65	–	–	2,21	5,30	6,83	0,68	1,78	2,69	2,98	6,8	A++
	9+12	9	12	–	–	2,57	3,43	–	–	2,21	6,00	7,35	0,68	2,01	2,87	2,98	6,8	A++
	9+18	9	18	–	–	2,50	5,00	–	–	2,21	7,50	9,45	0,68	2,52	3,23	2,98	6,8	A++
	9+24	9	24	–	–	2,59	6,91	–	–	2,21	9,50	9,98	0,68	3,19	3,44	2,98	6,8	A++
	12+12	12	12	–	–	3,50	3,50	–	–	2,21	7,00	7,88	0,68	2,35	3,05	2,98	6,8	A++
	12+18	12	18	–	–	3,40	5,10	–	–	2,21	8,50	9,98	0,68	2,85	3,23	2,98	6,8	A++
	12+24	12	24	–	–	3,33	6,67	–	–	2,21	10,00	10,50	0,68	3,40	3,51	2,94	6,8	A++
Three Unit	9+9+9	9	9	9	–	2,50	2,50	2,50	–	2,84	7,50	9,98	0,86	2,55	3,76	2,94	7,2	A++
	9+9+12	9	9	12	–	2,55	2,55	3,40	–	2,84	8,50	10,50	0,86	2,89	3,76	2,94	7,2	A++
	9+9+18	9	9	18	–	2,50	2,50	5,00	–	2,84	10,00	11,55	0,86	3,40	3,94	2,94	7,2	A++
	9+9+24	9	9	24	–	2,14	2,14	5,71	–	2,84	10,00	11,55	0,86	3,40	3,94	2,94	7,2	A++
	9+12+12	9	12	12	–	2,59	3,45	3,45	–	2,84	9,50	11,55	0,86	3,23	3,94	2,94	7,2	A++
	9+12+18	9	12	18	–	2,31	3,08	4,62	–	2,84	10,00	11,55	0,86	3,40	3,94	2,94	7,2	A++
	9+12+24	9	12	24	–	2,00	2,67	5,33	–	2,84	10,00	11,55	0,86	3,40	3,94	2,94	7,2	A++
	9+18+18	9	18	18	–	2,00	4,00	4,00	–	2,84	10,00	11,55	0,86	3,40	3,94	2,94	7,2	A++
	12+12+12	12	12	12	–	3,33	3,33	3,33	–	2,84	10,00	11,55	0,86	3,40	3,94	2,94	7,2	A++
	12+12+18	12	12	18	–	2,86	2,86	4,29	–	2,84	10,00	11,55	0,86	3,40	3,94	2,94	7,2	A++
Four Unit	12+12+24	12	12	24	–	2,50	2,50	5,00	–	2,84	10,00	11,55	0,86	3,40	3,94	2,94	7,2	A++
	12+18+18	12	18	18	–	2,50	3,75	3,75	–	2,84	10,00	11,55	0,86	3,40	3,94	2,94	7,2	A++
	9+9+9+9	9	9	9	9	2,63	2,63	2,63	2,63	3,68	10,50	13,65	0,97	3,58	4,37	2,93	7,6	A++
	9+9+9+12	9	9	9	12	2,42	2,42	2,42	3,23	3,68	10,50	13,65	0,97	3,58	4,37	2,93	7,6	A++
	9+9+9+18	9	9	9	18	2,10	2,10	2,10	4,20	3,68	10,50	13,65	0,97	3,58	4,37	2,93	7,6	A++
	9+9+12+12	9	9	12	12	2,25	2,25	3,00	3,00	3,68	10,50	13,65	0,97	3,58	4,37	2,93	7,6	A++
	9+9+12+18	9	9	12	18	1,97	1,97	2,63	3,94	3,68	10,50	13,65	0,97	3,58	4,37	2,93	7,6	A++
	9+12+12+12	9	12	12	12	2,10	2,80	2,80	2,80	3,68	10,50	13,65	0,97	3,58	4,37	2,93	7,6	A++
	9+12+12+18	9	12	12	18	1,85	2,47	2,47	3,71	3,68	10,50	13,65	0,97	3,58	4,37	2,93	7,4	A++
	12+12+12+12	12	12	12	12	2,63	2,63	2,63	2,63	3,68	10,50	13,65	0,97	3,58	4,37	2,93	7,6	A++

SYSPLIT MULTI4 36 EVO32 HP Q

HEATING																		
Nr of Unit	Indoor Units	Combinations				Nominal Heating Capacity (kW)				Total Heating Capacity (kW)			Total Power Input (kW)			COP	SCOP	Energy Class
		Unit A	Unit B	Unit C	Unit D	Unit A	Unit B	Unit C	Unit D	Min.	Rated	Max.	Min.	Rated	Max.			
One Unit	9	9	–	–	–	3,00	–	–	–	1,67	3,00	3,20	0,45	0,87	1,09	3,45	–	–
	12	12	–	–	–	3,80	–	–	–	1,67	3,80	3,90	0,45	1,10	1,32	3,45	–	–
	18	18	–	–	–	5,60	–	–	–	1,89	5,60	7,00	0,55	1,62	1,87	3,45	–	–
	24	24	–	–	–	7,30	–	–	–	1,89	7,30	8,00	0,58	2,12	2,43	3,45	–	–
Two Unit	9+9	9	9	–	–	3,00	3,00	–	–	2,33	6,00	7,22	0,60	1,71	2,37	3,50	3,5	A
	9+12	9	12	–	–	3,00	4,00	–	–	2,33	7,00	7,77	0,60	2,00	2,52	3,50	3,5	A
	9+18	9	18	–	–	2,93	5,87	–	–	2,33	8,80	9,99	0,60	2,51	2,84	3,50	3,4	A
	9+24	9	24	–	–	2,67	7,13	–	–	2,33	9,80	10,66	0,60	2,80	3,00	3,50	3,4	A
	12+12	12	12	–	–	3,75	3,75	–	–	2,33	7,50	8,33	0,60	2,14	2,68	3,50	3,5	A
	12+18	12	18	–	–	3,76	5,64	–	–	2,33	9,40	10,55	0,60	2,69	2,84	3,50	3,4	A
	12+24	12	24	–	–	3,33	6,67	–	–	2,33	10,00	10,88	0,60	2,86	3,09	3,50	3,4	A
Three Unit	9+9+9	9	9	9	–	3,33	3,33	3,33	–	3,00	10,00	10,55	0,76	2,86	3,31	3,50	3,6	A
	9+9+12	9	9	12	–	3,03	3,03	4,04	–	3,00	10,10	11,10	0,76	2,89	3,31	3,50	3,6	A
	9+9+18	9	9	18	–	2,68	2,68	5,35	–	3,00	10,70	12,21	0,76	3,06	3,47	3,50	3,6	A
	9+9+24	9	9	24	–	2,29	2,29	6,11	–	3,00	10,70	12,21	0,76	3,06	3,47	3,50	3,6	A
	9+12+12	9	12	12	–	2,92	3,89	3,89	–	3,00	10,70	12,21	0,76	3,06	3,47	3,50	3,6	A
	9+12+18	9	12	18	–	2,47	3,29	4,94	–	3,00	10,70	12,21	0,76	3,06	3,47	3,50	3,6	A
	9+12+24	9	12	24	–	2,14	2,85	5,71	–	3,00	10,70	12,21	0,76	3,06	3,47	3,50	3,6	A
	9+18+18	9	18	18	–	2,14	4,28	4,28	–	3,00	10,70	12,21	0,76	3,06	3,47	3,50	3,6	A
	12+12+12	12	12	12	–	3,57	3,57	3,57	–	3,00	10,70	12,21	0,76	3,06	3,47	3,50	3,6	A
	12+12+18	12	12	18	–	3,06	3,06	4,59	–	3,00	10,70	12,21	0,76	3,06	3,47	3,50	3,6	A
Four Unit	9+9+9+9	9	9	9	9	2,78	2,78	2,78	2,78	3,89	11,10	13,32	0,85	3,15	4,10	3,52	4,0	A+
	9+9+9+12	9	9	9	12	2,56	2,56	2,56	3,42	3,89	11,10	13,32	0,85	3,15	4,10	3,52	4,0	A+
	9+9+9+18	9	9	9	18	2,22	2,22	2,22	4,44	3,89	11,10	13,32	0,85	3,15	4,10	3,52	4,0	A+
	9+9+12+12	9	9	12	12	2,38	2,38	3,17	3,17	3,89	11,10	13,32	0,85	3,15	4,10	3,52	4,0	A+
	9+9+12+18	9	9	12	18	2,08	2,08	2,78	4,16	3,89	11,10	13,32	0,85	3,15	4,10	3,52	4,0	A+
	9+12+12+12	9	12	12	12	2,22	2,96	2,96	2,96	3,89	11,10	13,32	0,85	3,15	4,10	3,52	4,0	A+
	9+12+12+18	9	12	12	18	1,96	2,61	2,61	3,92	3,89	11,10	13,32	0,85	3,15	4,10	3,52	4,0	A+
	12+12+12+12	12	12	12	12	2,78	2,78	2,78	2,78	3,89	11,10	13,32	0,85	3,15	4,10	3,52	4,0	A+

Rated capacity table SYSPLIT MULTI EVO

SYSPLIT MULTIS 42 EVO32 HP Q

COOLING																				
Nr. of Unit	Indoor Units	Combinations					Nominal Cooling Capacity (kW)					Total Cooling Capacity (kW)			Total Power Input (kW)			EER	SEER	Energy Class
		Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Rated	Max.	Min.	Rated	Max.			
One Unit	9	9	-	-	-	-	2,50	-	-	-	-	1,63	2,50	3,20	0,45	0,78	0,97	3,22	-	-
	12	12	-	-	-	-	3,50	-	-	-	-	1,63	3,50	3,90	0,45	1,09	1,30	3,22	-	-
	18	18	-	-	-	-	5,00	-	-	-	-	1,82	5,00	6,50	0,58	1,56	1,79	3,21	-	-
	24	24	-	-	-	-	7,00	-	-	-	-	2,06	7,00	8,20	0,70	2,18	2,29	3,21	-	-
Two Unit	9+9	9	9	-	-	-	2,65	2,65	-	-	-	2,30	5,30	7,87	0,64	1,64	2,53	3,23	5,1	A++
	9+12	9	12	-	-	-	2,57	3,43	-	-	-	2,30	6,00	8,47	0,64	1,86	2,56	3,23	5,1	A++
	9+18	9	18	-	-	-	2,50	5,00	-	-	-	2,30	7,50	10,89	0,64	2,34	2,83	3,21	5,1	A++
	9+24	9	24	-	-	-	2,65	7,05	-	-	-	2,30	9,70	12,10	0,64	3,02	3,20	3,21	5,1	A++
	12+12	12	12	-	-	-	3,50	3,50	-	-	-	2,30	7,00	9,08	0,64	2,17	2,68	3,23	5,1	A++
	12+18	12	18	-	-	-	3,40	5,10	-	-	-	2,30	8,50	11,50	0,64	2,65	3,09	3,21	5,1	A++
	12+24	12	24	-	-	-	3,33	6,67	-	-	-	2,30	10,00	12,10	0,64	3,12	3,39	3,21	5,1	A++
	18+18	18	18	-	-	-	5,25	5,25	-	-	-	2,30	10,50	12,10	0,64	3,27	3,39	3,21	5,1	A++
18+24	18	24	-	-	-	4,93	6,57	-	-	-	2,30	11,50	12,29	0,64	3,58	3,39	3,21	5,1	A++	
Three Unit	9+9+9	9	9	9	-	-	2,67	2,67	2,67	-	-	2,84	8,00	10,29	0,79	2,46	3,77	3,25	5,2	A++
	9+9+12	9	9	12	-	-	2,70	2,70	3,60	-	-	2,84	9,00	12,71	0,79	2,78	3,58	3,24	5,2	A++
	9+9+18	9	9	18	-	-	2,63	2,63	5,25	-	-	2,84	10,50	12,10	0,79	3,26	3,77	3,22	5,2	A++
	9+9+24	9	9	24	-	-	2,46	2,46	6,57	-	-	2,84	11,50	12,71	0,79	3,57	3,92	3,22	5,2	A++
	9+12+12	9	12	12	-	-	2,45	3,27	3,27	-	-	2,84	9,00	10,89	0,79	2,78	3,58	3,24	5,2	A++
	9+12+18	9	12	18	-	-	2,54	3,38	5,08	-	-	2,84	11,00	11,50	0,79	3,42	3,77	3,22	5,2	A++
	9+12+24	9	12	24	-	-	2,30	3,07	6,13	-	-	2,84	11,50	12,71	0,79	3,57	3,92	3,22	5,2	A++
	9+18+18	9	18	18	-	-	2,40	4,80	4,80	-	-	2,84	12,00	12,71	0,79	3,74	3,92	3,21	5,2	A++
	12+12+12	12	12	12	-	-	3,17	3,17	3,17	-	-	2,84	9,50	10,89	0,79	2,93	3,69	3,24	5,2	A++
	12+12+18	12	12	18	-	-	3,29	3,29	4,93	-	-	2,84	11,50	12,71	0,79	3,57	3,92	3,22	5,2	A++
	12+12+24	12	12	24	-	-	3,00	3,00	6,00	-	-	2,84	12,00	12,71	0,79	3,74	3,92	3,21	5,2	A++
	12+18+18	12	18	18	-	-	3,00	4,50	4,50	-	-	2,84	12,00	12,71	0,79	3,74	3,92	3,21	5,2	A++
	12+18+24	12	18	24	-	-	2,67	4,00	5,33	-	-	2,84	12,00	12,71	0,79	3,74	3,92	3,21	5,2	A++
	18+18+18	18	18	18	-	-	4,00	4,00	4,00	-	-	2,84	12,00	12,71	0,79	3,74	3,92	3,21	5,2	A++
Four Unit	9+9+9+9	9	9	9	9	-	2,63	2,63	2,63	2,63	-	3,63	10,50	12,71	0,90	3,25	4,15	3,23	5,3	A++
	9+9+9+12	9	9	9	12	-	2,65	2,65	2,65	3,54	-	3,63	11,50	13,31	0,90	3,57	4,15	3,22	5,3	A++
	9+9+9+18	9	9	9	18	-	2,40	2,40	2,40	4,80	-	3,63	12,00	13,31	0,90	3,74	4,33	3,21	5,3	A++
	9+9+9+24	9	9	9	24	-	2,17	2,17	2,17	5,69	-	3,63	12,10	13,31	0,90	3,77	4,33	3,21	5,3	A++
	9+9+12+12	9	9	12	12	-	2,46	2,46	3,29	3,29	-	3,63	11,50	13,31	0,90	3,57	4,15	3,22	5,3	A++
	9+9+12+18	9	9	12	18	-	2,25	2,25	3,00	4,50	-	3,63	12,00	13,31	0,90	3,74	4,33	3,21	5,3	A++
	9+9+12+24	9	9	12	24	-	2,02	2,02	2,69	5,38	-	3,63	12,10	13,31	0,90	3,77	4,33	3,21	5,3	A++
	9+9+18+18	9	9	18	18	-	2,05	2,05	4,10	4,10	-	3,63	12,30	13,31	0,90	3,83	4,33	3,21	5,3	A++
	9+12+12+12	9	12	12	12	-	2,30	3,07	3,07	3,07	-	3,63	11,50	13,31	0,90	3,57	4,15	3,22	5,3	A++
	9+12+12+18	9	12	12	18	-	2,14	2,85	2,85	4,27	-	3,63	12,10	13,31	0,90	3,77	4,33	3,21	5,3	A++
	9+12+12+24	9	12	12	24	-	1,91	2,55	2,55	5,09	-	3,63	12,10	13,31	0,90	3,77	4,33	3,21	5,3	A++
	9+12+18+18	9	12	18	18	-	1,91	2,55	3,82	3,82	-	3,63	12,10	13,31	0,90	3,77	4,33	3,21	5,3	A++
	12+12+12+12	12	12	12	12	-	2,88	2,88	2,88	2,88	-	3,63	11,50	13,31	0,90	3,57	4,15	3,22	5,3	A++
	12+12+12+18	12	12	12	18	-	2,69	2,69	2,69	4,03	-	3,63	12,10	13,31	0,90	3,77	4,33	3,21	5,3	A++
Five Unit	9+9+9+9+9	9	9	9	9	9	2,42	2,42	2,42	2,42	2,42	4,11	12,10	13,78	1,02	3,77	4,52	3,21	5,8	A++
	9+9+9+9+12	9	9	9	9	12	2,27	2,27	2,27	2,27	3,03	4,11	12,10	13,78	1,02	3,77	4,52	3,21	5,8	A++
	9+9+9+9+18	9	9	9	9	18	2,02	2,02	2,02	2,02	4,03	4,11	12,10	13,78	1,02	3,77	4,52	3,21	5,8	A++
	9+9+9+12+12	9	9	9	12	12	2,14	2,14	2,14	2,85	2,85	4,11	12,10	13,78	1,02	3,77	4,52	3,21	5,8	A++
	9+9+9+12+18	9	9	9	12	18	1,91	1,91	1,91	2,55	3,82	4,11	12,10	13,78	1,02	3,77	4,52	3,21	5,8	A++
	9+9+12+12+12	9	9	12	12	12	2,02	2,02	2,69	2,69	2,69	4,11	12,10	13,78	1,02	3,77	4,52	3,21	5,8	A++
	9+12+12+12+12	9	12	12	12	12	1,91	2,55	2,55	2,55	2,55	4,11	12,10	13,78	1,02	3,77	4,52	3,21	5,8	A++

SYSPLIT MULTIS 42 EVO32 HP Q

HEATING																				
Nr. of Unit	Indoor Units	Combinations					Nominal Heating Capacity (kW)					Total Heating Capacity (kW)			Total Power Input (kW)			COP	SCOP	Energy Class
		Unit A	Unit B	Unit C	Unit D	Unit E	Unit A	Unit B	Unit C	Unit D	Unit E	Min.	Rated	Max.	Min.	Rated	Max.			
One Unit	9	-	-	-	-	3,00	-	-	-	-	1,66	3,00	3,20	0,45	0,85	1,07	3,52	-	-	
	12	-	-	-	-	3,80	-	-	-	-	1,66	3,80	3,90	0,45	1,08	1,30	3,52	-	-	
	18	-	-	-	-	5,60	-	-	-	-	1,85	5,60	7,00	0,58	1,59	1,83	3,52	-	-	
	24	-	-	-	-	7,60	-	-	-	-	2,09	7,60	8,50	0,70	2,15	2,26	3,53	-	-	
Two Unit	9+9	9	9	-	-	3,00	3,00	-	-	-	2,34	6,00	8,00	0,58	1,69	2,28	3,54	3,6	A	
	9+12	9	12	-	-	2,91	3,89	-	-	-	2,34	6,80	8,61	0,58	1,92	2,31	3,54	3,6	A	
	9+18	9	18	-	-	2,93	5,87	-	-	-	2,34	8,80	11,07	0,58	2,49	2,55	3,54	3,6	A	
	9+24	9	24	-	-	2,78	7,42	-	-	-	2,34	10,20	12,30	0,58	2,89	2,89	3,53	3,6	A	
	12+12	12	12	-	-	3,75	3,75	-	-	-	2,34	7,50	9,23	0,58	2,12	2,41	3,54	3,6	A	
	12+18	12	18	-	-	3,76	5,64	-	-	-	2,34	9,40	11,69	0,58	2,66	2,79	3,54	3,8	A	
	12+24	12	24	-	-	3,50	7,00	-	-	-	2,34	10,50	12,30	0,58	2,97	3,06	3,53	3,8	A	
	18+18	18	18	-	-	5,50	5,50	-	-	-	2,34	11,00	12,30	0,58	3,12	3,06	3,53	3,8	A	
18+24	18	24	-	-	4,93	6,57	-	-	-	2,34	11,50	12,50	0,58	3,26	3,06	3,53	3,8	A		
Three Unit	9+9+9	9	9	9	-	3,33	3,33	3,33	-	-	2,89	10,00	12,30	0,71	2,79	3,40	3,58	3,6	A	
	9+9+12	9	9	12	-	3,30	3,30	4,40	-	-	2,89	11,00	12,30	0,71	3,07	3,23	3,58	3,6	A	
	9+9+18	9	9	18	-	2,88	2,88	5,75	-	-	2,89	11,50	12,30	0,71	3,23	3,40	3,56	3,5	A	
	9+9+24	9	9	24	-	2,57	2,57	6,86	-	-	2,89	12,00	12,92	0,71	3,39	3,53	3,54	3,4	A	
	9+12+12	9	12	12	-	3,14	4,18	4,18	-	-	2,89	11,50	12,30	0,71	3,22	3,23	3,57	3,4	A	
	9+12+18	9	12	18	-	2,77	3,69	5,54	-	-	2,89	12,00	12,92	0,71	3,38	3,40	3,55	3,5	A	
	9+12+24	9	12	24	-	2,40	3,20	6,40	-	-	2,89	12,00	12,92	0,71	3,39	3,53	3,54	3,4	A	
	9+18+18	9	18	18	-	2,40	4,80	4,80	-	-	2,89	12,00	12,92	0,71	3,39	3,53	3,54	3,5	A	
	12+12+12	12	12	12	-	3,83	3,83	3,83	-	-	2,89	11,50	12,30	0,71	3,22	3,33	3,57	3,5	A	
	12+12+18	12	12	18	-	3,43	3,43	5,14	-	-	2,89	12,00	12,92	0,71	3,38	3,53	3,55	3,5	A	
	12+12+24	12	12	24	-	3,00	3,00	6,00	-	-	2,89	12,00	12,92	0,71	3,39	3,53	3,54	3,4	A	
	12+18+18	12	18	18	-	3,00	4,50	4,50	-	-	2,89	12,00	12,92	0,71	3,39	3,53	3,54	3,4	A	
	12+18+24	12	18	24	-	2,67	4,00	5,33	-	-	2,89	12,00	12,92	0,71	3,39	3,53	3,54	3,4	A	
	18+18+18	18	18	18	-	4,00	4,00	4,00	-	-	2,89	12,00	12,92	0,71	3,39	3,53	3,54	3,5	A	
Four Unit	9+9+9+9	9	9	9	9	3,00	3,00	3,00	3,00	-	3,69	12,00	13,53	0,82	3,34	3,74	3,59	3,8	A	
	9+9+9+12	9	9	9	12	2,77	2,77	2,77	3,69	-	3,69	12,00	13,53	0,82	3,35	3,74	3,58	3,7	A	
	9+9+9+18	9	9	9	18	2,40	2,40	2,40	4,80	-	3,69	12,00	13,53	0,82	3,37	3,91	3,56	3,6	A	
	9+9+9+24	9	9	9	24	2,17	2,17	2,17	5,79	-	3,69	12,30	13,53	0,82	3,46	3,91	3,56	3,4	A	
	9+9+12+12	9	9	12	12	2,57	2,57	3,43	3,43	-	3,69	12,00	13,53	0,82	3,35	3,74	3,58	3,5	A	
	9+9+12+18	9	9	12	18	2,25	2,25	3,00	4,50	-	3,69	12,00	13,53	0,82	3,37	3,91	3,56	3,5	A	
	9+9+12+24	9	9	12	24	2,05	2,05	2,73	5,47	-	3,69	12,30	13,53	0,82	3,45	3,91	3,57	3,4	A	
	9+9+18+18	9	9	18	18	2,00	2,00	4,00	4,00	-	3,69	12,00	13,53	0,82	3,36	3,91	3,57	3,5	A	
	9+12+12+12	9	12	12	12	2,40	3,20	3,20	3,20	-	3,69	12,00	13,53	0,82	3,35	3,74	3,58	3,6	A	
	9+12+12+18	9	12	12	18	2,12	2,82	2,82	4,24	-	3,69	12,00	13,53	0,82	3,37	3,91	3,56	3,5	A	
	9+12+12+24	9	12	12	24	1,94	2,59	2,59	5,18	-	3,69	12,30	13,53	0,82	3,45	3,91	3,57	3,4	A	
	9+12+18+18	9	12	18	18	1,89	2,53	3,79	3,79	-	3,69	12,00	13,53	0,82	3,36	3,91	3,57	3,4	A	
	12+12+12+12	12	12	12	12	3,00	3,00	3,00	3,00	-	3,69	12,00	13,53	0,82	3,35	3,74	3,58	3,6	A	
	12+12+12+18	12	12	12	18	2,67	2,67	2,67	4,00	-	3,69	12,00	13,53	0,82	3,37	3,91	3,56	3,5	A	
Five Unit	9+9+9+9+9	9	9	9	9	2,46	2,46	2,46	2,46	2,46	4,18	12,30	14,94	0,92	3,40	4,25	3,62	3,8	A	
	9+9+9+9+12	9	9	9	12	2,31	2,31	2,31	2,31	3,08	4,18	12,30	14,94	0,92	3,40	4,25	3,62	3,8	A	
	9+9+9+9+18	9	9	9	18	2,05	2,05	2,05	2,05	4,10	4,18	12,30	14,94	0,92	3,31	4,25	3,72	3,8	A	
	9+9+9+12+12	9	9	9	12	2,17	2,17	2,17	2,89	2,89	4,18	12,30	14,94	0,92	3,34	4,25	3,68	3,8	A	
	9+9+9+12+18	9	9	9	12	1,94	1,94	1,94	2,59	3,88	4,18	12,30	14,94	0,92	3,31	4,25	3,72	3,8	A	
	9+9+12+12+12	9	9	12	12	2,05	2,05	2,73	2,73	2,73	4,18	12,30	14,94	0,92	3,34	4,25	3,68	3,8	A	
	9+12+12+12+12	9	12	12	12	1,94	2,59	2,59	2,59	2,59	4,18	12,30	14,94	0,92	3,31	4,25	3,72	3,8	A	

Cassette Inverter High efficiency Split

SYSPLIT CASSETTE 12-60 LNS HP



Features

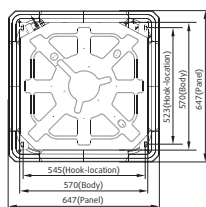
SYSPLIT CASSETTE LNS air conditioners are ideal solution for creating a comfortable climate in the office and shopping centers – in all rooms designed with false ceilings.

- Advanced DC inverter control for the compressor, outdoor fan motor and indoor fan motor.
- The 360° round flow panel assures an optimal air distribution and comfort in the room.
- Special aerodynamic shape of the fan and the geometry of the blades ensure low noise from the air conditioner.
- Washable air filter included in the panel greatly simplifies the maintenance.
- The panel is equipped with an interactive LCD.
- Built-in drain pump with lift height up to 750 mm.
- Fresh air intake can fulfill air quality requirements and enhance occupants comfort.
- Anticorrosive golden coating on the heat exchangers of outdoor units can withstand the salty air, rain and other corrosive elements. It also improves heat exchange efficiency.
- Auto-restart after electric power failure.
- The on/off and alarm contacts, as well as the network port for centralized and BMS gateway, allow a remote control of the split system.
- Precise Electronic Expansion Valve fitted in the outdoor unit secures an optimal operation in any ambient conditions.
- Low GWP R32 refrigerant.
- Infrared remote controller SYS RM 10 included; Wired remote SYS WC 120 or SYS CWC 30 available as accessory.

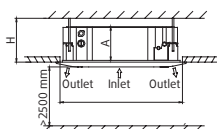
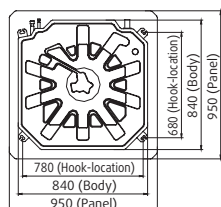
Dimensions

SYSPLIT CASSETTE

Size 12 and 18



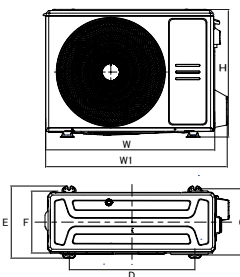
Size 24 to 60



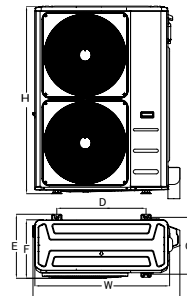
Model	12	18	24	36	48	60
A	260	260	205	245	287	287
H	>290	>290	>275	>275	>317	>317

SYSPLIT OUTDOOR

Size 12 to 36



Size 48 to 60



Model	12	18	24	36
W	765	805	890	946
W1	835	874	955	1030
H	555	554	673	810
C	286	317	348	403
D	452	511	663	673
E	314	346	380	455
F	274	307	325	410

Model	48	60
W	952	952
W1	1.045	1.045
H	1.333	1.333
C	404	404
D	634	634
E	457	457
F	415	415

Technical features

Model Indoor unit	SYSPLIT	CASSETTE 12 LNS HP Q	CASSETTE 18 LNS HP Q	CASSETTE 24 LNS HP Q	CASSETTE 36 LNS HP Q	CASSETTE 36 LNS HP Q	CASSETTE 48 LNS HP Q	CASSETTE 60 LNS HP Q	
Model Outdoor unit	SYSPLIT	OUTDOOR 12 LNS-X HP Q	OUTDOOR 18 LNS-X HP Q	OUTDOOR 24 LNS-X HP Q	OUTDOOR 36 LNS-X HP Q	OUTDOOR 36 LNS-X HP R	OUTDOOR 48 LNS-X HP R	OUTDOOR 60 LNS-X HP R	
Model Panel unit	SYSANEL	CASSETTE MINI SPLIT	CASSETTE MINI SPLIT	CASSETTE LNS SPLIT	CASSETTE LNS SPLIT	CASSETTE LNS SPLIT	CASSETTE LNS SPLIT	CASSETTE LNS SPLIT	
Art. no. Indoor unit		323547	323548	323549	323550	323550	323551	323552	
Art. no. Outdoor unit		323565	323566	323567	323568	323569	323570	323571	
Art. no. Panel		314691	314691	323719	323719	323719	323719	323719	
Refrigerant / Charged quantity	kg	R32 / 0,72	R32 / 1,15	R32 / 1,5	R32 / 2,4	R32 / 2,4	R32 / 2,9	R32 / 3,0	
Power supply Indoor unit	V/Ph/Hz	220-240/1/50-60							
Power supply Outdoor unit	V/Ph/Hz	220-240/1/50 or 60				380-415/3+N/50 or 60			
Cooling capacity	kW	3,52 (0,85-4,11)	5,28 (2,90-5,59)	7,03 (3,30-7,91)	10,55 (2,70-11,43)	10,55 (2,70-11,43)	14,1 (3,52-15,83)	15,2 (4,10-16,71)	
Power consumption	W	1.010 (168-1.434)	1.633 (720-2.088)	2.320 (780-2.748)	3.950 (900-4.200)	4.000 (890-4.150)	4.650 (800-5.900)	5.000 (980-6.200)	
Operating current	A	4,45 (1,32-6,31)	7,2 (3,2-9,2)	10,2 (4,2-12,0)	17,5 (4,2-18,5)	6,5 (1,4-6,5)	8,1 (1,8-10,2)	8,60 (2,1-10,7)	
EER		3,49	3,23	3,03	2,67	2,64	3,03	3,05	
SEER		6,1	6,1	6,1	6,1	6,1	6,1	6,1	
Energy label cooling		A++	A++	A++	A++	A++	A++	A++	
Annual Energy consumption	kWh	186	294	395	549	589	810	860	
Heating capacity	kW	3,81 (0,47-4,31)	5,57 (2,37-6,10)	7,62 (2,81-8,94)	11,14 (2,78-12,30)	11,14 (2,78-12,66)	16,1 (4,10-17,29)	18,2 (4,4-19,93)	
Power consumption	W	1.019 (124-1.376)	1.501 (700-1.930)	1.900 (600-2.700)	3.000 (800-3.950)	3.000 (780-4.000)	4.580 (900-5.500)	5.500 (1.020-6.700)	
Operating current	A	4,73 (1,04-6,07)	6,8 (3,1-8,5)	8,5 (3,6-12,1)	13,5 (3,5-17,5)	5,0 (1,3-6,4)	8,0 (1,9-9,5)	9,6 (2,1-10,7)	
COP		3,74	3,71	4,01	3,71	3,71	3,52	3,30	
SCOP (Warmer/Average)		5,1 / 4,1	4,8 / 4,0	5,1 / 4,0	5,1 / 4,0	5,1 / 4,0	5,0 / 4,0	5,1 / 4,0	
Energy label (Warmer/Average)		A+++ / A+	A++ / A+	A+++ / A+	A+++ / A+	A+++ / A+	A++ / A+	A+++ / A+	
Annual Energy consumption (Warmer / Average)	kWh	906/922	1.575 / 1.470	1.729 / 2.100	2.773 / 2.975	2.773 / 2.870	3.660 / 3.860	3.431 / 4.190	
Indoor Unit									
Air flow rate (H/M/L)	m³/h	570 /485/390	680 /585/480	1.250 /1.120/990	1.700 /1.530/1.300	1.700 /1.530/1.300	1.900 /1.750/1.600	2.000 /1.850/1.650	
Indoor fan		DC motor							
Sound pressure level (H/M/L)	dB(A)	42/37,5/34,5	45,5/44/39	50/47,5/42	51/48/46	51/48/46	52,5/50,5/48	54,5/52/49,5	
Sound power level (H)	dB(A)	57	59	59	64	64	66	66	
Dimensions Cassette LxWxH	mm	570x570x260		840x840x205	840x840x245		840x840x287		
Dimensions Panel LxWxH	mm	647x647x50		950x950x55					
Packing Cassette LxWxH	mm	655x655x290		910x910x250	910x910x290		910x910x330		
Packing Panel LxWxH	mm	715x715x123		1.035x1.035x90					
Net/gross (Panel) weight	kg	16,3(2,5)/ 20,4(4,5)		21,6(6)/ 25,4(9)	27,2(6)/ 31,2(9)	27,2(6)/ 31,2(9)	29,3(6)/ 33,5(9)	29,3(6)/ 33,5(9)	
Drain piping		ODØ25							
Outdoor Unit									
Compressor		Rotary DC Inverter							
Outdoor fan		DC motor							
Sound pressure level (H)	dB(A)	45	48	52	53	53	57	58	
Sound power level (H)	dB(A)	62	65	69	70	70	74	75	
Dimensions LxWxH	mm	765x303x555	805x330x554	890x342x673	946x410x810		952x415x1.333		
Packing LxWxH	mm	887x337x610	915x370x615	995x398x740	1.090x500x885		1.095x495x1.480		
Net/gross weight	kg	26,6/29	32,5/35,2	43,9/46,9	66,9/71,5	80,5/85,0	103,7/118,3	107,0/121,2	
Piping diameters	Liquid	mm(inch)	6,35 (1/4")	6,35 (1/4")	9,52 (3/8")	9,52 (3/8")	9,52 (3/8")	9,52 (3/8")	
	Gas	mm(inch)	9,52 (3/8")	12,7 (1/2")	15,9 (5/8")	15,9 (5/8")	15,9 (5/8")	15,9 (5/8")	
Max. input current	A	9,0	13,5	19,0	22,5	10,0	13,0	14,0	
Maximum length of the line	m	25	30	50	75	75	75	75	
Maximum height difference	m	10	20	25	30	30	30	30	
Indoor temperature	°C	+17...+32 cooling / heating 0...+30							
Outdoor temperature	°C	-15...+50 cooling / heating -20...+24							

Nominal conditions

	Indoor unit	Outdoor unit	Piping length	Level difference
Cooling mode	27°C DB, 19°C WB	35°C DB	5 m	0 m
Heating mode	20°C DB, 19°C WB	7°C DB, 6°C WB	5 m	0 m

Seasonal efficiency according to EN 14825.

The sound pressure value of the outdoor units is measured in free field at a distance of 2 m. The sound pressure value of indoor units is measured at 1.4 m below the unit.

Ceiling/Floor High efficiency Split SYSPLIT CEILING 18-60 LNS HP



R32



Infrared remote control
SYS RM 10
(standard)



Wired controller
SYS WC 120
Art. no. 314774
(optional)

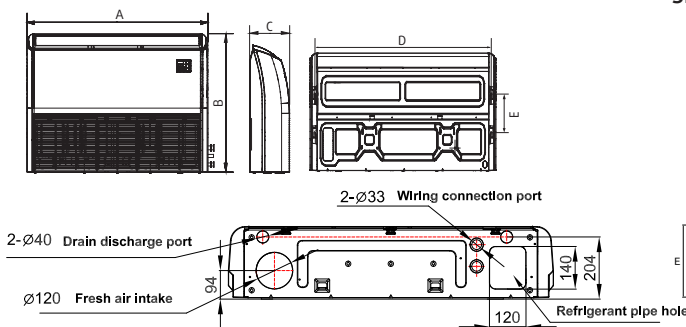
Features

SYSPLIT CEILING LNS air conditioners are perfectly combined with any interior and are stylish with modern design.

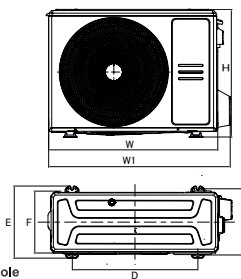
- Advanced DC inverter control for the compressor, outdoor fan motor and indoor fan motor.
- Flexible installation, the unit can be installed hanged on the wall or ceiling suspended.
- Washable air filter included.
- Automatic distribution of the treated air in the vertical direction.
- Compact, easy to install and maintain, can be even installed in a corner.
- Low noise level thanks to the improved shape of the impeller blades.
- The fresh air intake can fulfill air quality requirements and enhance occupants comfort.
- Anticorrosive golden coating on the heat exchangers of outdoor units can withstand the salty air, rain and other corrosive elements. It also improves heat exchange efficiency.
- With the Auto-restart function the unit resume with the same settings before the electric power failure.
- Precise Electronic Expansion Valve fitted in the outdoor unit secures an optimal operation in any ambient conditions.
- Low GWP R32 refrigerant.
- Infrared remote controller SYS RM 10 included; Wired remote SYS WC 120 or SYS CWC 30 available as accessory.
- The on/off and alarm contacts, as well as the network port for centralized and BMS gateway, allow a remote control of the split system.

Dimensions

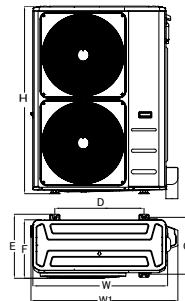
SYSPLIT CEILING



Size 18 to 36



Size 48 to 60



Model	18	24	36	48	60
A	1.068	1.068	1.650	1.650	1.650
B	675	675	675	675	675
C	235	235	235	235	235
D	983	983	1.565	1.565	1.565
E	220	220	220	220	220

Model	18	24	36
W	805	890	946
W1	874	955	1030
H	554	673	810
C	317	348	403
D	511	663	673
E	346	380	455
F	307	325	410

Model	48	60
W	952	952
W1	1.045	1.045
H	1.333	1.333
C	404	404
D	634	634
E	457	457
F	415	415

Technical features

Model Indoor unit	SYSPLIT	CEILING 18 LNS HP Q	CEILING 24 LNS HP Q	CEILING 36 LNS HP Q	CEILING 36 LNS HP Q	CEILING 48 LNS HP Q	CEILING 60 LNS HP Q	
Model Outdoor unit	SYSPLIT	OUTDOOR 18 LNS-X HP Q	OUTDOOR 24 LNS-X HP Q	OUTDOOR 36 LNS-X HP Q	OUTDOOR 36 LNS-X HP R	OUTDOOR 48 LNS-X HP R	OUTDOOR 60 LNS-X HP R	
Art. no. Indoor unit		323553	323554	323555	323555	323556	323557	
Art. no. Outdoor unit		323566	323567	323568	323569	323570	323571	
Refrigerant / Charged quantity	kg	R32 / 1,15	R32 / 1,5	R32 / 2,4	R32 / 2,4	R32 / 2,9	R32 / 3,0	
Power supply Indoor unit	V/Ph/Hz	220-240/1/50-60						
Power supply Outdoor unit	V/Ph/Hz	220-240/1/50-60			380-415/3+N/50-60			
Cooling capacity	kW	5,28 (2,71-5,86)	7,03 (3,22-7,77)	10,55 (2,73-11,43)	10,55 (2,73-11,78)	14,07 (3,52-15,24)	15,83 (4,10-16,71)	
Power consumption	W	1.450 (670-2.027)	2.300 (747-2.930)	3.900 (900-4.250)	4.000 (890-4.300)	5.000 (900-5.950)	5.650 (1.100-6.650)	
Operating current	A	6,0 (3,2-9,0)	10,54 (3,9-13,1)	17,0 (4,2-19,0)	6,3 (1,4-6,8)	8,8 (1,9-10,3)	9,7 (3,2-11,5)	
EER		3,64	3,06	2,71	2,64	2,81	2,80	
SEER		6,2	6,1	6,4	6,2	6,1	6,1	
Energy label cooling		A++	A++	A++	A++	A++	A++	
Annual Energy consumption	kWh	305	413	574	592	809	890	
Heating capacity	kW	5,57 (2,42-6,30)	7,62 (2,72-8,29)	11,72 (2,78-12,78)	11,72 (2,81-12,78)	16,12 (4,1-17,0)	18,17 (4,4-19,64)	
Power consumption	W	1.500 (540-1.640)	2.050 (650-2.850)	3.350 (800-3.950)	3.350 (780-3.950)	5.100 (1.000-6.050)	6.050 (1.050-7.100)	
Operating current	A	6,6 (2,7-7,3)	9,5 (3,5-12,7)	15,0 (3,5-17,5)	5,4 (1,3-6,2)	8,9 (2,1-10,5)	10,5 (2,2-12,0)	
COP		3,71	3,72	3,50	3,50	3,16	3,00	
SCOP (Warmer / Average)		5,1 / 4,0	5,1 / 4,0	5,1 / 4,1	5,1 / 4,0	5,1 / 4,0	5,1 / 4,0	
Energy label (Warmer / Average)		A+++ / A+	A+++ / A+	A+++ / A+	A+++ / A+	A+++ / A+	A+++ / A+	
Annual Energy consumption (Warmer / Average)	kWh	1.400 / 1.400	1.592 / 1.925	2.800 / 2.937	2.745 / 3.010	3.211 / 4.079	3.459 / 4.150	
Indoor Unit								
Air flow rate (H/M/L)	m ³ /h	960 /840/720	1.190 /1.020/850	1.955 /1.730/1.500	1.955 /1.730/1.500	2.100 /1.850/1.600	2.200 /1.950/1.650	
Indoor fan		DC motor						
Sound pressure level (H/M/L)	dB(A)	44/41/37	51/47/43	51,5/48/45	51/47,5/45	53/50/46	55/52/48	
Sound power level (H)	dB(A)	59	65	65	65	67	67	
Dimensions LxWxH	mm	1.068x675x235			1.650x675x235			
Packing LxWxH	mm	1.145x755x318			1.725x755x318			
Net/gross weight	kg	28/33,3	28/31,1	41,5/48	41,5/48	41,7/48,5	42,3/49,2	
Drain piping		ØD25						
Outdoor Unit								
Compressor		Rotary DC Inverter						
Outdoor fan		DC motor						
Sound pressure level (H)	dB(A)	48	52	53	53	57	58	
Sound power level (H)	dB(A)	65	69	70	70	74	75	
Dimensions LxWxH	mm	805x330x554	890x342x673	946x410x810		952x415x1.333		
Packing LxWxH	mm	915x370x615	995x398x740	1.090x500x885		1.095x495x1.480		
Net/gross weight	kg	32,5/35,2	43,9/46,9	66,9/71,5	80,5/85,0	103,7/118,3	107,0/121,2	
Piping diameters	Liquid	mm(inch)	6,35 (1/4")	9,52 (3/8")	9,52 (3/8")	9,52 (3/8")	9,52 (3/8")	
	Gas	mm(inch)	12,7 (1/2")	15,9 (5/8")	15,9 (5/8")	15,9 (5/8")	15,9 (5/8")	
Max. input current	A	13,5	19,0	22,5	10,0	13,0	14,0	
Maximum length of the line	m	30	50	75	75	75	75	
Maximum height difference	m	20	25	30	30	30	30	
Indoor temperature	°C	+17...+32 cooling / heating 0...+30						
Outdoor temperature	°C	-15...+50 cooling / heating -20...+24						

Nominal conditions

	Indoor unit	Outdoor unit	Piping length	Level difference
Cooling mode	27°C DB, 19°C WB	35°C DB	5 m	0 m
Heating mode	20°C DB, 19°C WB	7°C DB, 6°C WB	5 m	0 m

Seasonal efficiency according to EN 14825.

The sound pressure value of the outdoor units is measured in free field at a distance of 2 m. The sound pressure value of the indoor units is measured at 1 m below the unit and at 1 m from the air flow discharge (for horizontal installation).

Duct Inverter High efficiency Split SYSPLIT DUCT 12-60 LNS HP



R32



Wired controller
SYS WC 120G
(standard)



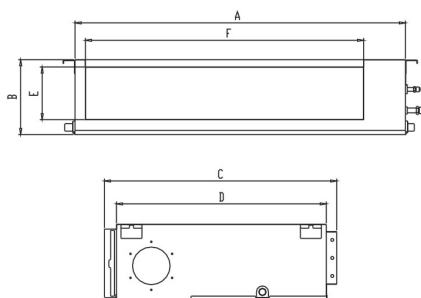
Infrared remote control
SYS RM 10
Art. no. 323779
(optional)

Features

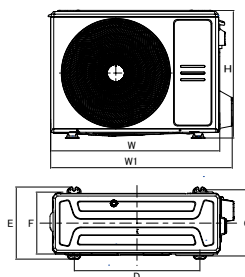
SYSPLIT DUCT LNS air conditioners are designed using the latest engineering solutions and allow their installation with a minimum ceiling height.

- Advanced DC inverter control for the compressor, outdoor fan motor and indoor fan motor.
- One indoor unit can serve several facilities through a network of ducts to the high external static pressure that can reach up to 160Pa.
- Washable air filter included.
- Flexible air intake from the rear (included), it can be easily changed to bottom air intake using the same flange plate.
- Drain pump can lift the condensate water up to 750 mm.
- Anticorrosive golden coating on the heat exchangers of outdoor units can withstand the salty air, rain and other corrosive elements. It also improves heat exchange efficiency.
- With the Auto-restart function the unit resumes with the same settings before the electric power failure.
- Precise Electronic Expansion Valve fitted in the outdoor unit secures an optimal operation in any ambient conditions.
- Low GWP R32 refrigerant.
- Wired remote controller SYS WC 120G included; Infrared remote controller SYS RM 10 and Wired remote SYS WC 120 or SYS CWC 30 available as accessory.
- The on/off and alarm contacts, as well as the network port for centralized and BMS gateway, allow a remote control of the split system.

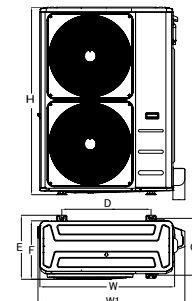
Dimensions SYSPLIT DUCT



Outdoor unit Size 12 to 36



Size 48 to 60



Model	12	18	24	36	48	60
A	700	880	1.100	1.360	1.200	1.200
B	200	210	249	249	300	300
C	506	674	774	774	874	874
D	450	600	700	700	800	800
E	152	136	175	175	227	227
F	537	706	926	1.186	1.044	1.044

Model	12	18	24	36
W	765	805	890	946
W1	835	874	955	1030
H	555	554	673	810
C	286	317	348	403
D	452	511	663	673
E	314	346	380	455
F	274	307	325	410

Model	48	60
W	952	952
W1	1.045	1.045
H	1.333	1.333
C	404	404
D	634	634
E	457	457
F	415	415

Technical features

Model Indoor unit	SYSPPLIT	DUCT 12 LNS HP Q	DUCT 18 LNS HP Q	DUCT 24 LNS HP Q	DUCT 36 LNS HP Q	DUCT 36 LNS HP Q	DUCT 48 LNS HP Q	DUCT 60 LNS HP Q	
Model Outdoor unit	SYSPPLIT	OUTDOOR 12 LNS-X HP Q	OUTDOOR 18 LNS-X HP Q	OUTDOOR 24 LNS-X HP Q	OUTDOOR 36 LNS-X HP Q	OUTDOOR 36 LNS-X HP R	OUTDOOR 48 LNS-X HP R	OUTDOOR 60 LNS-X HP R	
Art. no. Indoor unit		323559	323560	323561	323562	323562	323563	323564	
Art. no. Outdoor unit		323565	323566	323567	323568	323569	323570	323571	
Refrigerant / Charged quantity	kg	R32 / 0,72	R32 / 1,15	R32 / 1,5	R32 / 2,4	R32 / 2,4	R32 / 2,9	R32 / 3,0	
Power supply Indoor unit	V/Ph/Hz	220-240/1/50-60						380-415/3+N/50-60	
Power supply Outdoor unit	V/Ph/Hz	220-240/1/50-60						380-415/3+N/50-60	
Cooling capacity	kW	3,52 (0,53-3,99)	5,28 (2,55-5,86)	7,03 (3,28-8,16)	10,55 (2,75-11,14)	10,55 (2,73-11,78)	14,07 (3,52-15,53)	15,24 (4,10-17,29)	
Power consumption	W	1.053 (155-1.373)	1.530 (710-2.150)	2.176 (750-2.960)	3.950 (900-4.150)	4.000 (890-4.200)	4.800 (880-6.000)	5.250 (1.030-6.650)	
Operating current	A	4,75 (1,3-6,09)	7,1 (3,2-9,56)	10,2 (4,2-13,2)	17,5 (4,2-18,5)	6,5 (1,4-6,7)	8,4 (1,9-10,4)	9,6 (3,1-11,5)	
EER		3,34	3,45	3,23	2,67	2,64	2,93	2,90	
SEER		6,3	6,5	6,2	6,2	6,1	6,1	6,1	
Energy label cooling		A++	A++	A++	A++	A++	A++	A++	
Annual Energy consumption	kWh	197	291	401	593	608	811	900	
Heating capacity	kW	3,81 (1,00-4,39)	5,57 (2,20-6,15)	7,62 (2,81-8,49)	11,72 (2,78-12,78)	11,72 (2,78-12,84)	16,12 (4,10-18,17)	18,17 (4,40-20,52)	
Power consumption	W	1.027 (302-1.390)	1.501 (740-1.760)	1.900 (610-2.580)	3.250 (800-3.950)	3.250 (780-4.000)	4.500 (950-5.700)	5.150 (950-6.600)	
Operating current	A	4,52 (1,48-6,15)	6,8 (3,3-7,7)	9,2 (3,8-11,6)	14,5 (3,5-17,5)	5,3 (1,3-6,4)	8,0 (2,0-9,8)	9,5 (2,0-11,5)	
COP		3,71	3,71	4,01	3,61	3,61	3,58	3,53	
SCOP (Warmer/Average)		5,1 / 4,0	5,1 / 4,0	5,1 / 4,0	5,1 / 4,0	5,1 / 4,0	5,0 / 4,0	5,1 / 4,0	
Energy label (Warmer/Average)		A+++ / A+	A+++ / A+	A+++ / A+	A+++ / A+	A+++ / A+	A++ / A+	A+++ / A+	
Annual Energy consumption (Warmer / Average)	kWh	933 / 945	1.434 / 1.505	1.647 / 1.890	2.690 / 2.940	2.745 / 3.088	3.220 / 4.025	3.514 / 4.390	
Indoor Unit									
Air flow rate (H/M/L)	m ³ /h	600 /480/300	910 /710/515	1.230 /1.035/825	2.100 /1.800/1.500	2.100 /1.800/1.500	2.400 /2.040/1.680	2.600 /2.210/1.820	
Indoor fan		DC motor							
External static pressure Rated/Range	Pa	25 / 0-60	25 / 0-100	25 / 0-160	37 / 0-160	37 / 0-160	50 / 0-160	50 / 0-160	
Sound pressure level (H/M/L)	dB(A)	34,5/32/30	42/39/35	49/46/41	50/48/46	50,5/49/47	51,5/49/47	52,5/49/47	
Sound power level (H)	dB(A)	58	58	62	61	61	66	66	
Dimensions LxWxH	mm	700x506 x200	880x674 x210	1.100x774 x249	1.360x774 x249	1.360x774 x249	1.200x874 x300	1.200x874 x300	
Packing LxWxH	mm	860x540 x285	1.070x725 x280	1.305x805 x315	1.570x805 x330	1.570x805 x330	1.405x915 x365	1.405x915 x365	
Net/gross (Panel) weight	kg	17,8/21,5	24,4/29,6	32,3/39,1	40,5/48,2	40,5/48,2	47,6/55,8	47,6/55,8	
Drain piping		ODΦ25							
Outdoor Unit									
Compressor		Rotary DC Inverter							
Outdoor fan		DC motor							
Sound pressure level (H)	dB(A)	45	48	52	53	53	57	58	
Sound power level (H)	dB(A)	62	65	69	70	70	74	75	
Dimensions LxWxH	mm	765x303x555	805x330x554	890x342x673	946x410x810		952x415x1.333		
Packing LxWxH	mm	887x337x610	915x370x615	995x398x740	1.090x500x885		1.095x495x1.480		
Net/gross weight	kg	26,6/29	32,5/35,2	43,9/46,9	66,9/71,5	80,5/85,0	103,7/118,3	107,0/121,2	
Piping diameters	Liquid	mm(inch)	6,35 (1/4")	6,35 (1/4")	9,52 (3/8")	9,52 (3/8")	9,52 (3/8")	9,52 (3/8")	
	Gas	mm(inch)	9,52 (3/8")	12,7 (1/2")	15,9 (5/8")	15,9 (5/8")	15,9 (5/8")	15,9 (5/8")	
Max. input current	A	9,0	13,5	19,0	22,5	10,0	13,0	14,0	
Maximum length of the line	m	25	30	50	75	75	75	75	
Maximum height difference	m	10	20	25	30	30	30	30	
Indoor temperature	°C	+17...+32 cooling / heating 0...+30							
Outdoor temperature	°C	-15...+50 cooling / heating -20...+24							

Nominal conditions

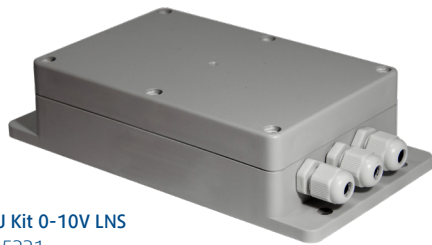
	Indoor unit	Outdoor unit	Piping length	Level difference
Cooling mode	27°C DB, 19°C WB	35°C DB	5 m	0 m
Heating mode	20°C DB, 19°C WB	7°C DB, 6°C WB	5 m	0 m

Seasonal efficiency according to EN 14825.

The sound pressure value of the outdoor units is measured in free field at a distance of 2 m. The sound pressure value of indoor units is measured at 1.5 m away from the center of the unit installed with 2 m duct on the supply air side and 1 m duct on the return air side.

Communication Kit

SPLIT-AHU Kit



SPLIT-AHU Kit 0-10V LNS
Art. no. 215221

Features

The communication kits allow the demand-oriented power requirement of the Systemair inverter outdoor units and thus always ensure the correct temperature in the summer and winter via the ventilation unit.

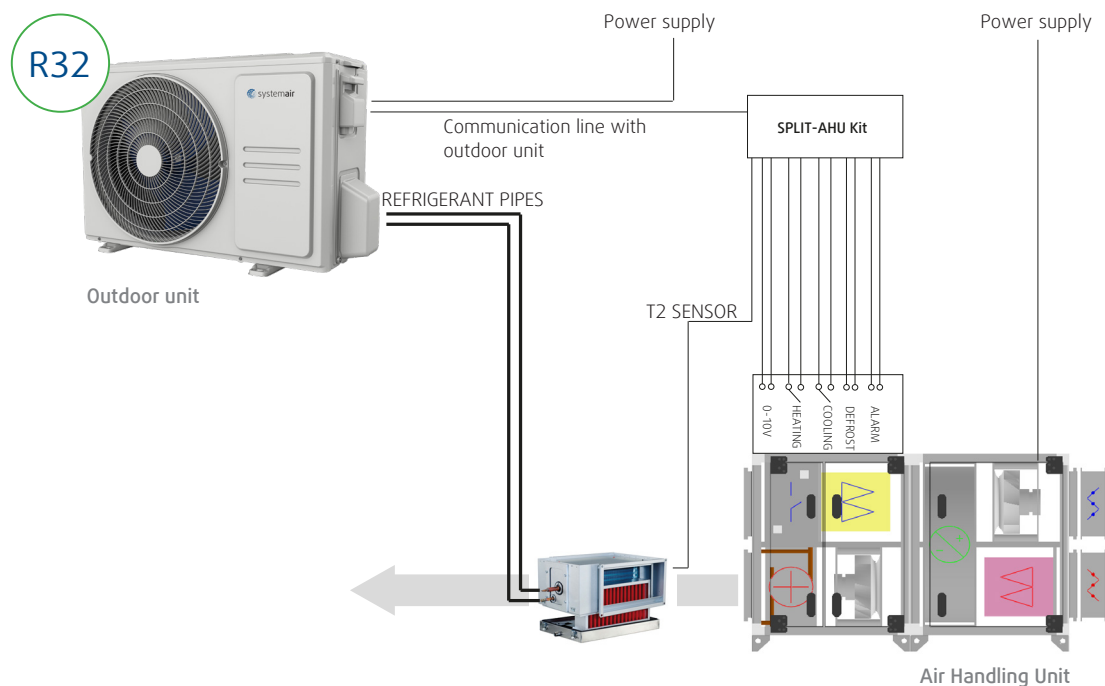
They give the possibility to control outdoor unit performance and operating mode cooling or heating of the on-site signals from a ventilation system or another communication controller.

The communication kits allow to control the power of the inverter outdoor unit between 0-100% by external 0-10V signal.

SPLIT-AHU KIT 0-10V LNS with external freeze protection probe for the DX coil. For Outdoor units with LNS communication line.

- Demand oriented capacity control by analog 0-10V signal
- LEDs on the board indicate the current operating mode
- A display shows the current capacity request
- No additional refrigeration components required as expansion valve
- Only one communication kit for capacity ranges from 2.6 kW up to 16 kW
- Digital inputs to switch operating modes
- Digital output for defrost and common alarm
- SPLIT-AHU Kit 0-10V LNS are also suitable with Multi Split Outdoor units

Connection diagram



Technical features

Model		SPLIT-AHU Kit 0-10V LNS	
Art. no		215221	
Communication line		LNS	
Dimensions L x W x H	mm	191,5 x 98,8 x 67	
Power Supply		from ODU	
Protection class		IP54	

Technical details

Model		SPLIT-AHU Kit 0-10V LNS	
AI	Cooling / Heating Capacity Control	0 - 10 VDC	
DI *	Cooling	1 x	
	Heating	1 x	
DO potential free	Defrost	1 x (5A / 230V, 5A / 30V DC)	
	Alarm	1 x	







* the external signal must be potential free.

		SPLIT-AHU Kit 0-10V LNS	
Single-split CUTE - R32			
SYSPLIT WALL OUT 09 EVO-X HP Q	323543		X
SYSPLIT WALL OUT 12 EVO-X HP Q	323544		X

MULTI Outdoor Units - R32			
SYSPLIT MULTI2 18 EVO32 HP Q	315813		X
SYSPLIT MULTI3 27 EVO32 HP Q	315814		X
SYSPLIT MULTI4 36 EVO32 HP Q	315864		X
SYSPLIT MULTI5 42 EVO32 HP Q	315865		X

LIGHT-COMMERCIAL Outdoor Units - R32			
SYSPLIT OUTDOOR 12 LNS-X HP Q	323565		X
SYSPLIT OUTDOOR 18 LNS-X HP Q	323566		X
SYSPLIT OUTDOOR 24 LNS-X HP Q	323567		X
SYSPLIT OUTDOOR 36 LNS-X HP Q	323568		X
SYSPLIT OUTDOOR 36 LNS-X HP R	323569		X
SYSPLIT OUTDOOR 48 LNS-X HP R	323570		X
SYSPLIT OUTDOOR 60 LNS-X HP R	323571		X

Controller matching table - Split units

	Wifi module PRIME 315152	Wifi module LCAC 317309	Infrared controller SYS RM 57 315182	Infrared controller SYS RM 10 323779	Wired controller SYS WC 120 (2ways communication) 314774	Wired controller SYS WC 120G (2ways communication) 314819
Art. no.	315152	317309	315182	323779	314774	314819
Picture						
CUTE 09-24	-	-	●	-	○ with the multi- functional board included*	-
PRIME 09-24	○	-	●	-	-	-
CASSETTE 12-60	-	○	-	●	○	-
CEILING 18-60	-	-	-	●	○	-
DUCT 12-60	-	-	-	○	○	●

* The multifunctional board of CUTE series can be connected alternatively only to one of the controllers in the table.

● = included in the unit; ○ = optional part; - = not available.

Wi-Fi control module



Wifi module
**SYSPLIT WIFI
MODULE**
Art. no. 315152

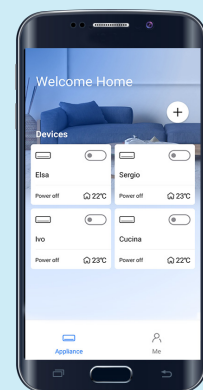







Wifi module
**SYSPLIT WIFI
MODULE LCAC**
Art. no. 317309

Control your units via App thanks to smart modules:

- SYSPLIT WIFI MODULE (315152) directly installed into the panel board
- SYSPLIT WIFI MODULE LCAC (317309) wall-mounted

Through the App, you can directly control several SYSPLIT units under the same Wifi network using your smartphone.



	Wired controller SYS WC 120G1 (2ways communication)	Remote On/Off	Alarm contact	Group control SYS WC 150	Central controller SYS CWC 30
Art. no.	314841	-	-	314787	314773
Picture					
CUTE 09-24	○ with the multifunctional board included*	○ with the multi- functional board included*	-	○ with the multifunction- al board included*	○ with the multifunctional board included*
PRIME 09-24	-	-	-	-	-
CASSETTE 12-60	-	●	●	○	○
CEILING 18-60	-	●	●	○	○
DUCT 12-60	-	●	●	○	○

Easily control your units!

- Compatible with Android and IOs devices
- Easy to use App, remotely control all functions of the A/C unit
- Set easily the weekly timer to save energy
- 8°C anti-freeze function in heating mode protects the room during absence
- Sleep function creates a more comfortable temperature during night time
- Display running status of the A/C unit and main operating parameters



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