

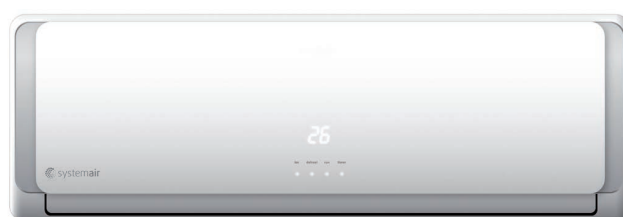
Hi-wall Inverter Polar Split

SYSPLIT WALL NORDIC

Features

SYSPLIT WALL NORDIC assures superior performance even in harsh outdoor conditions with an unique and exclusive design.

- Advanced DC inverter control for the compressor, outdoor fan motor and indoor fan motor.
- Cooling down to -20 °C and heating down to -25°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.
- The active carbon filter ensures excellent performance to remove odours, pollen and ammonia.
- The heating belt fitted on the base plate of the outdoor unit avoids the accumulation of rain, snow or defrosted water.
- Hydrophylic aluminium fins of the indoor units improve the heat exchange efficiency in cooling and heating mode.
- The crankcase heater wrapped around the compressor assures safe start at very low outdoor temperature.
- Precise Electronic Expansion Valve fitted in the outdoor unit secures an optimal operation in any



Infrared remote control
RM 52
(standard)



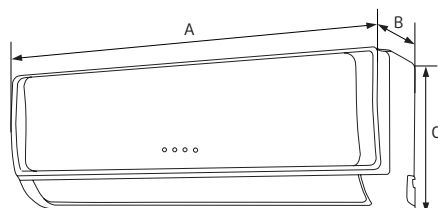
Wired controller
WC 29
(Art. no 314772 optional)

ambient conditions

- With the Auto-restart function the unit resumes with the same settings before the electric power failure.
- Environment friendly R410A refrigerant.
- Infrared remote control RM 52 included.

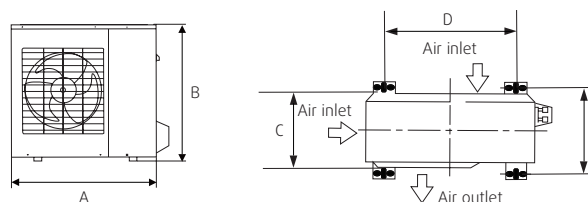
Dimensions

SYSPLIT WALL NORDIC



Model	09	12	18	24
A	835	835	990	1.186
B	198	198	218	258
C	280	280	315	340

SYSPLIT WALL OUT



Model	09	12	18	24
A	800	800	845	945
B	554	554	702	810
C	333	333	363	395
D	514	514	540	640
E	340	340	350	405

Technical features

Model Indoor unit	SYSPLIT WALL	NORDIC 09 EVO PH Q	NORDIC 12 EVO PH Q	NORDIC 18 EVO PH Q	NORDIC 24 EVO PH Q	
Model Outdoor unit	SYSPLIT WALL	OUT 09 EVO PH Q	OUT 12 EVO PH Q	OUT 18 EVO PH Q	OUT 24 EVO PH Q	
Art. no. Indoor unit		314807	314808	314809	314810	
Art. no. Outdoor unit		314811	314812	314813	314814	
Refrigerant / Charged quantity	kg	R410A / 1,1	R410A / 1,45	R410A / 1,95	R410A / 2,6	
Power supply	V/Ph/Hz	220-240/1/50 or 60				
Cooling capacity	kW	2,64 (1,24-4,06)	3,52 (1,71-5,17)	5,28 (1,94-6,22)	7,33 (3,48-8,09)	
Power consumption	W	600 (125-1560)	960 (173-1990)	1640 (147-2394)	2102 (297-3111)	
Operating current	A	2,6 (0,54-6,79)	4,2 (0,75-8,65)	6,8 (0,64-10,4)	9,6 (1,29-13,5)	
EER		4,40	3,67	3,22	3,49	
SEER		7,9	6,4	6,9	7,1	
Energy label cooling		A++	A++	A++	A++	
Heating capacity	kW	2,93 (1,02-4,25)	3,81 (1,32-5,61)	5,86 (1,55-6,59)	8,50 (2,77-8,72)	
Power consumption	W	670 (169-1.520)	1.055 (233-2.000)	1.620 (270-2.355)	2.215 (417-3.115)	
Operating current	A	2,9 (0,73-6,6)	4,6 (1,01-8,71)	7,4 (1,17-10,2)	9,6 (1,8-13,5)	
COP		4,37	3,61	3,62	3,84	
SCOP (Average)		4,2	4,2	4,0	4,0	
Energy label heating		A+	A+	A+	A+	
Indoor Unit						
Air flow rate (H/M/L)	m3/h	630/490/380	630/490/380	950/750/600	1.350/1.100/850	
Indoor fan		DC motor				
Sound pressure level (H/M/L)	dB(A)	41/33/25	41/33/25	48/39/29	50/45/39	
Sound power level (H)	dB(A)	54	54	58	62	
Dimensions LxWxH	mm	835x198x280	835x198x280	990x218x315	1.186x258x343	
Packing LxWxH	mm	910x270x355	910x270x355	1.065x300x400	1.265x420x340	
Net/gross weight	kg	9/11,5	9/11,5	12,2/15,8	18,2/22,8	
Drain piping	mm	ODΦ16	ODΦ16	ODΦ16	ODΦ16	
Outdoor Unit						
Compressor		Rotary DC Inverter				
Outdoor fan		DC motor				
Sound pressure level (H)	dB(A)	42	44	48	49	
Sound power level (H)	dB(A)	59	61	65	66	
Dimensions LxWxH	mm	800x333x554	800x333x554	845x363x702	946x410x810	
Packing LxWxH	mm	920x390x615	920x390x615	965x395x755	1.090x500x865	
Net/gross weight	kg	33.5 / 36	34.5 / 37	48.7/52.2	61.5/67.5	
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	9,5	11,5	13,5	16	
Maximum length of the line	m	25	25	30	50	
Maximum height difference	m	10	10	20	25	
Indoor temperature		+17 ... +32 cooling / heating 0 ... +30				
Outdoor temperature		-20 ... +50 cooling / heating -25 +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 may vary depending on ambient conditions.