

# Hi-wall Inverter Split

## SYSPLIT WALL PRIME

### 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.
- Hydrophylic aluminium fins of the indoor units improve the heat exchange efficiency in cooling and heating mode.
- The special antifreeze function in heating mode allows



Infrared remote control  
**SYS RM 57**  
(standard)



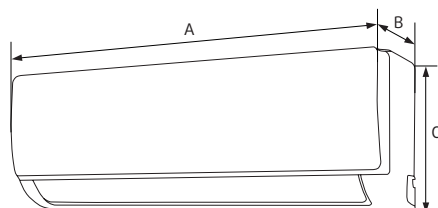
Wifi module  
**SYSPLIT WIFI MODULE**  
Art. no. 315152

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.
- Infrared remote control SYS RM 57 included.

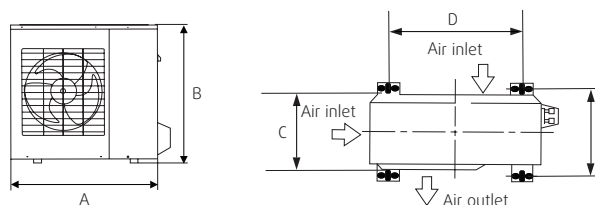
### Dimensions

#### SYSPLIT WALL PRIME



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

#### SYSPLIT WALL OUT



Model	09	12	18	24
A	700	700	800	845
B	550	550	554	702
C	275	275	333	363
D	487	487	514	540
E	298	298	340	350

## 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 INV32 HP Q	OUT 12 INV32 HP Q	OUT 18 INV32 HP Q	OUT 24 INV32 HP Q	
Art. no. Indoor unit		315750	315806	315807	315808	
Art. no. Outdoor unit		315809	315810	315811	315812	
Refrigerant / Charged quantity	kg	R32 / 0,5	R32 / 0,5	R32 / 1,0	R32 / 1,6	
Power supply	V/Ph/Hz	220-240/1/50				
Cooling capacity	kW	2,64 (0,91-3,40)	3,52 (1,11-4,16)	5,28 (1,82-6,13)	7,03 (2,08-7,95)	
Power consumption	W	710 (100-1.240)	1.237 (130-1.580)	1.539 (140-2.360)	2.345 (160-2.960)	
Operating current	A	3,1 (0,4-5,4)	5,37 (0,5-6,9)	6,9 (0,6-10,3)	10,2 (0,7-13,3)	
EER		3,72	2,85	3,43	3,00	
SEER		6,2	6,1	7,1	6,1	
Energy label cooling		A++	A++	A++	A++	
Heating capacity	kW	2,93 (0,82-3,37)	3,81 (1,08-4,22)	5,57 (1,38-6,74)	7,33 (1,61-8,79)	
Power consumption	W	739 (120-1.200)	964 (100-1.580)	1.480 (200-2.410)	2.035 (260-3.140)	
Operating current	A	3,2 (0,5-5,2)	4,19 (0,4-6,9)	6,4 (0,9-10,5)	10,2 (1,1-13,3)	
COP		3,96	3,95	3,76	3,60	
SCOP (Warmer / Average)		4,9 / 4,0	4,6 / 4,0	5,2 / 4,0	5,0 / 4,0	
Energy label (Warmer / Average)		A++ / A+	A++ / A+	A+++ / A+	A++ / A+	
<b>Indoor unit</b>						
Air flow rate (H/M/L)	m3/h	520/460/360	600/500/360	840/680/540	980/817/662	
Indoor fan		AC motor		DC motor		
Sound pressure level (H/M/L/S)	dB(A)	40/30/26/21	40/34/26/22	44/37/30/25	44.5/42/34.5/28	
Sound power level (H)	dB(A)	53	53	55	59	
Dimensions LxWxH	mm	805x194x285	805x194x285	957x213x302	1.040x220x327	
Packing LxWxH	mm	870x270x360	870x270x360	1.035x295x380	1.120x405x310	
Net/gross weight	kg	7,5/9,7	7,5/9,7	10/13	12,3/15,8	
Drain piping	mm	ODΦ16	ODΦ16	ODΦ16	ODΦ16	
<b>Outdoor unit</b>						
Compressor		Rotary DC Inverter				
Outdoor fan		DC motor				
Sound pressure level (H)	dB(A)	44	48	44	50	
Sound power level (H)	dB(A)	61	65	61	67	
Dimensions LxWxH	mm	700x275x550	700x275x550	800x333x554	845x363x702	
Packing LxWxH	mm	815x325x615	815x325x615	920x390x615	965x395x765	
Net/gross weight	kg	22,7/25,2	22,7/25,2	34/36,7	51,5/54,5	
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	10	10	13,5	17,5	
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.