

Multi-split Inverter High efficiency

SYSPLIT MULTI 18-42 EVO HP

MULTI2 18



R32

MULTI3 27



R32

MULTI4 36, MULTI5 42



R32

Features

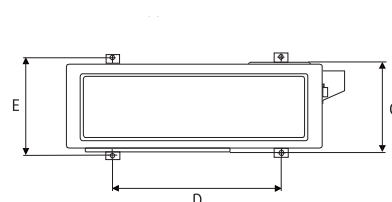
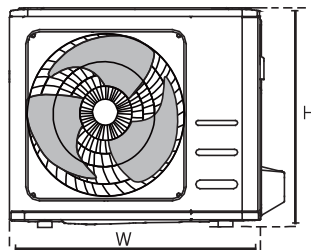
SYSPLIT MULTI EVO are ideal and flexible solution for providing quiet and efficient air conditioning for 2 to 5 areas from a single outdoor unit.

SYSPLIT MULTI outdoor units are compatible with SYSPLIT WALL, CASSETTE, DUCT, CONSOLE 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 MULTI



Model	18	27	36	42
W	810	845	946	946
H	558	702	810	810
C	325	363	410	410
D	514	540	640	640
E	340	350	405	405

Technical features

Model	SYSPLIT	MULTI2 18 EVO32 HP Q	MULTI3 27 EVO32 HP Q	MULTI4 36 EVO32 HP Q	MULTI5 42 EVO32 HP Q
Art. no. Outdoor unit		315813	315814	315864	315865
Refrigerant / Charged quantity	kg	R32 / 1,3	R32 / 1,57	R32 / 2,1	R32 / 2,4
Power supply	V-ph-Hz	220-240/1/50-60			
Cooling capacity	kW	5,28 (2,05-6,86)	7,91 (2,89-8,50)	10,55 (2,05-11,14)	12,31 (2,05-14,07)
Power consumption	W	1.630 (690-2.000)	2.450 (240-3.220)	3.517 (733-4.396)	3.800 (680-4.268)
Operating current	A	7,1 (3,1-9,2)	13,7 (2,2-14,3)	16,1 (3,35-20,12)	17,3 (3,0-19,2)
EER		3,24	3,23	3,00	3,24
SEER		6,1	6,1	6,5	6,8
Energy label cooling		A++	A++	A++	A++
Annual Energy consumption	kWh	304	453	565	652
Heating capacity	kW	5,57 (2,35-7,24)	8,21 (1,99-8,50)	10,55 (2,34-11,14)	12,31 (2,34-14,51)
Power consumption	W	1.550 (600-1.670)	2.200 (320-2.840)	2.880 (781-3.978)	3.300 (680-3.920)
Operating current	A	6,6 (2,6-7,9)	12,5 (2,6-12,6)	13,18 (3,58-18,2)	14,9 (3,0-17,7)
COP		3,71	3,73	3,66	3,73
SCOP (Warmer / Average)		5,1/4,0	5,1/4,0	5,0/4,0	5,1/3,8
Energy label heating (Warmer / Average)		A+++/A+	A+++/A+	A++/A+	A+++/A
Annual Energy consumption (Average)	kWh	1.537	1.993	3.226	3.500
Outdoor Unit					
Compressor		Rotary DC Inverter			
Outdoor fan		DC motor			
Sound pressure level (H)	dB(A)	46	48	51	54
Sound power level (H)	dB(A)	63	65	68	71
Dimensions LxWxH	mm	810x325x558	845x363x702	946x410x810	946x410x810
Packing LxWxH	mm	920x390x615	965x395x765	1090x500x875	1090x500x875
Net/gross weight	kg	36/39	53/56,5	68,8/75,6	73,3/80,4
Piping diameters	Liquid	mm(inch)	2x 6,35 (1/4")	3x 6,35 (1/4")	4x 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")
Max. input current	A	12	15	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 OU higher than IU/ OU lower than IU	m	10/ 15	10/ 15	10/ 15	10/ 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 CUTE 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.