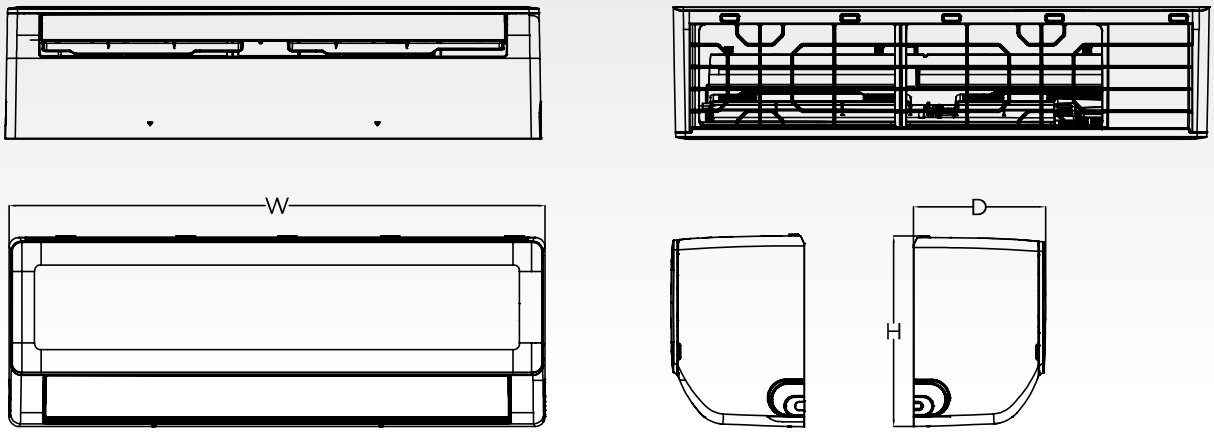
GALAXIS SERIES

MODEL			SIM+SOM-09BIG	SIM+SOM-12BIG	SIM+SOM-18BIG	SIM+SOM-24BIG	
Capacity cooling / heating 1)	Nominal (min-max)	kW	2,6 (1,0-3,5) / 2,9 (0,8-3,7)	3,5 (1,4-4,0) / 3,8 (1,1-4,1)	5,0 (2,0-6,1) / 5,4 (1,4-6,8)	7,0 (2,2-8,8) - 7,3 (1,6-9,4)	
Power supply		Hz / V	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240	1~ / 50 / 220-240	
Power supply		-	outdoor	outdoor	outdoor	outdoor	
Power input cooling / heating 1)		W	628 / 666	1035 / 975	1390 / 1440	2120 / 1970	
Maximal power input 2)		W	2200	2200	2800	3800	
Power current cooling / heating		A	4,4 / 4,5	4,7 / 4,4	6,0 / 6,3	9,2 / 8,6	
Maximal power current 2)		A	10,0	10,0	13,5	19,0	
Energy class cooling 3)		-	A+++	A+++	A+++	A++	
Pdesign cooling		kW	2,6	3,5	5,0	7,0	
SEER		-	8,8	8,5	8,5	7,9	
Annual power consumption		kWh / annum	104	145	226	311	
Energy class heating 3)	Aver. / Warm. / Cool.	-	A++ / A+++ / A	A++ / A+++ / A	A++ / A+++ / A	A++ / A+++ / B	
Pdesign heating	Average climate	kW	2,4	2,6	4,0	4,9	
SCOP	Average climate	-	4,6	4,6	4,6	4,6	
Annual power consumption	Average climate	kWh / annum	761	791	1218	1491	
Air flow of ID	H / M / L	m³/h	510/360/285	600/450/370	800/600/470	1090/790/635	
Airflow of OD	H	m³/h	2200	2200	3500	3500	
Sound pressure level of ID at 1m 4)	H / M / L / SL	dB(A)	39/34/25/19	39/32/26/20	43/36/28/21,5	46/39,5/32,5/21,5	
Sound pressure level of OD at 1m 4)	H	dB(A)	54	55	57	60	
Sound power of ID 4)	max.	dB(A)	56	56	58	60	
Sound power of OD 4)	H	dB(A)	62	62	65	68	
Dehumidifying volume		l / h	-	-	-	-	
Refrigerant type / charge		Typ / kg / t eq. CO_2	R32 / 0,55 / 0,37	R32 / 0,58 / 0,39	R32 / 0,85 / 0,57	R32 / 1,08 / 0,73	
Additional refrigerant		g / m	12	12	12	12	
Pipe diameter - liquid side 5)		inch / mm	¼ / 6,0	¼ / 6,0	¼ / 6,0	¼ / 6,0	
Pipe diameter - gas side 5)		inch / mm	⅜ / 9,5	⅜ / 9,5	½ / 12,0	½ / 12,0	
Max pipe length without additional refrigerant 6)		m	5	5	5	5	
Allowed pipe length 7)	min. / max.	m	3 / 25	3 / 25	3 / 30	3 / 50	
Max. elevation / Drop height		m	10	10	20	25	
Dimension of ID	w×h×d	mm	723x286×199	813x289×201	975x308×218	1055x330×231	
Dimensions of outdoor unit	w×h×d	mm	765x555×303	765x555×303	890x673×342	890x673×342	
Package dimension of ID	w×h×d	mm	780x365×270	870x365×270	1065x385×300	1130x310×405	
Package dimensions of outdoor unit	w×h×d	mm	887x310×337	887x610×337	995x740×398	995x740×398	
Weight of ID	netto / brutto	kg	7,5 / 9,6	8,0 / 10,4	10,2 / 13,3	13,0 / 16,4	
Weight of OD	netto / brutto	kg	23,1 / 25,4	23,1 / 25,4	37,8 / 41,0	41,0 / 44,0	
Set temperature range	cooling / heating	ºC	16 ~ 30	16 ~ 30	16 ~ 30	16 ~ 30	
Operating temperature range cooling 8)		ºC	-15 ~ 50	-15 ~ 50	-15 ~ 50	-15 ~ 50	
Operating temperature range heating 8)		ºC	-25 ~ 24	-25 ~ 24	-25 ~ 24	-25 ~ 24	
ADDITIONAL TECHNICAL INFORMATION					-	-	
Screw holes distance of OD	w×d	mm	452×286	452×286	663×348	663×348	
Communication cable		mm2	5-wire cable *				
Recommended power cable		mm2	3×1,5	3×1,5	3×2,5	3×4,0	
Recommended air switch		A	13	13	16	20	
EQUIPMENT							
UV-C technology	indoor		✔	✔	✔	✔	
Plasma generator			✔	✔	✔	✔	
WiFi module			✔	✔	✔	✔	
Drain pump			-	-	-	-	
Max. lift (from bottom of ID unit)		mm	-	-	-	-	
Door contact			-	-	-	-	
Alarm contact			-	-	-	-	
Left-right guide louvres			✔	✔	✔	✔	
Throttling method	outdoor		Capillary	Capillary	Capillary	Capillary	
Bottom chassis heater			Heating belt	Heating belt	Heating belt	Heating belt	
Crankcase heater			Heating belt	Heating belt	Heating belt	Heating belt	
Bottom plugs for OD			✔	✔	✔	✔	
Drain pipe connector			✔	✔	✔	✔	
STANDARD ACCESSORIES							
Standard health filter			✔				
Remote controller (IR)			RG081				
Wired controller			-	-	-	-	
OPTIONAL ACCESSORIES							
Optional health filters			-				
Wired controller			-				
Central controller			-				
Other			-				

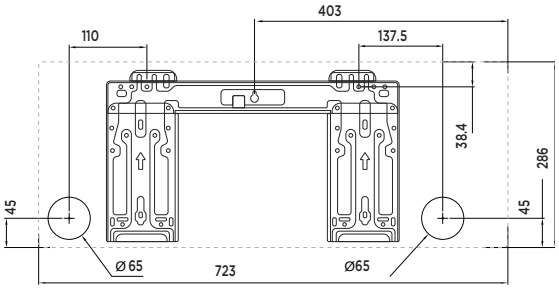
The specification of products is subject to change based on further development of the units by the producer and can be changed without prior notice. Refer to rating label.
* Cross-section of each wire must correspond to the IEC 60364
R32 (single component refrigerant HFC), GWP of refrigerant used: 675.
Contains fluorinated greenhouse gases covered by the Kyoto Protocol.
Explanatory notes on the very last page of the catalogue.
The device is being sold as a set (indoor + outdoor unit).

APPEARANCE AND DIMENSIONS OF INDOOR UNIT

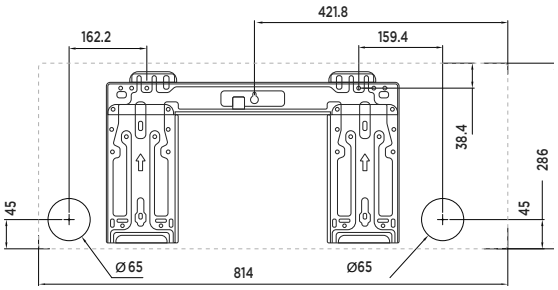
GALAXIS SERIES



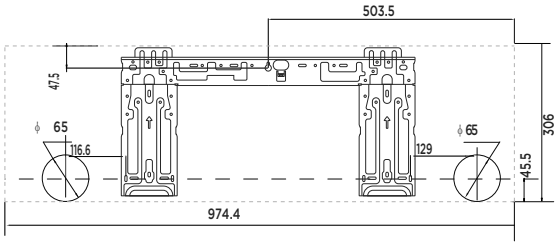
SIM-09BIG



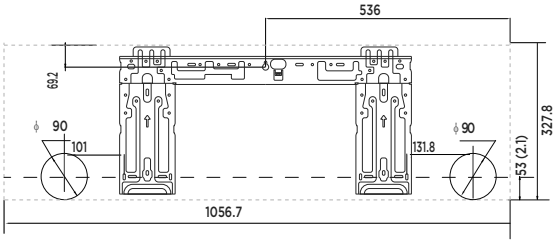
SIM-12BIG



SIM-18BIG



SIM-24BIG



Model	W	H	D
SIM-09BIG	723	286	199
SIM-12BIG	813	289	201
SIM-18BIG	975	308	218
SIM-24BIG	1055	330	231

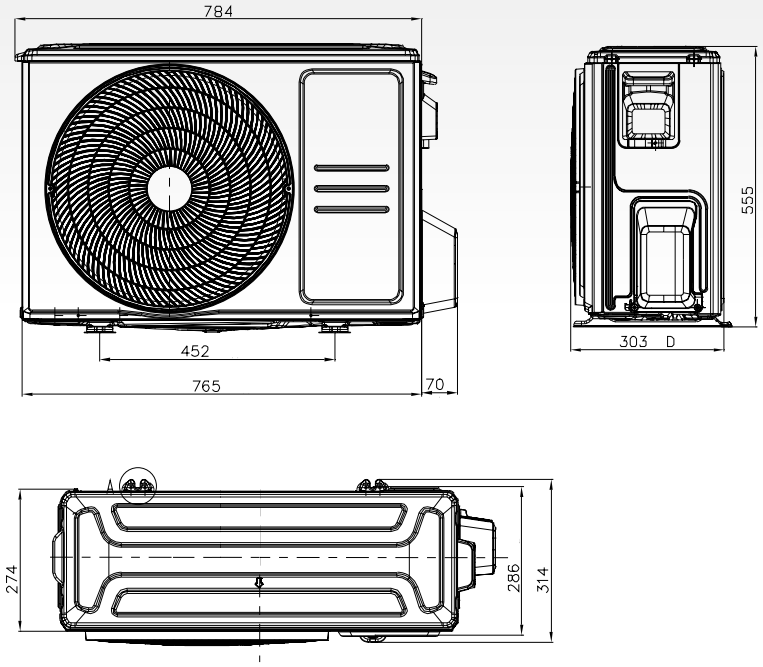
units: mm

APPEARANCE AND DIMENSIONS OF INDOOR UNIT

GALAXIS SERIES

SOM-09BIG

SOM-12BIG



SOM-18BIG

SOM-24BIG

