

GEOS R+

2,5 kW

3,5 kW

5,0 kW

6,8 kW



MODELO	Interior		AS25RBAHRA-3	AS35RBAHRA-4	AS50RCBHRA-4	AS68RDAHRA-4
Datos de rendimiento						
Potencia de salida - REFRIGERACIÓN	nom. (min-max)	kW	2,7 (0,7-3,4)	3,2 (0,8-3,8)	4,8 (1,3-5,4)	6,2 (1,3-7,4)
Potencia de salida - CALEFACCIÓN	nom. (min-max)	kW	2,9 (0,7-3,6)	3,9 (0,7-4,0)	4,8 (1,3-5,4)	6,3 (1,4-7,5)
Fuente de alimentación		Fases/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Cable de interconexión			4 x 1,0	4 x 1,0	4 x 1,0	4 x 1,0
Volumen de aire tratado	H	m ³ /h	610/550	620	770/810	1100/1000
Unidad interior						
Alta potencia de sonido - REFRIGERACIÓN		dB	54	59	60	64
Alta potencia de sonido - CALEFACCIÓN		dB	54	59	60	64
Presión sonora - REFRIGERACIÓN		dB(A)	37/32/28/18	38/33/29/18	44/40/35/28	47/45/37/29
Presión sonora - CALEFACCIÓN		dB(A)	37/32/28/18	38/33/29/18	44/40/35/28	47/45/37/29
Dimensiones netas	An. x Pr. x Al.	mm	805x199x292	805x199x292	875x212x304	975x222x318
Dimensiones del embalaje	An. x Pr. x Al.	mm	876x365x272	876x272x365	945x390x296	1050x397x301
Peso neto/bruto		kg	8,8/10,5	8,8/10,9	10,0/12,0	11,6/14,4
Datos de instalación						
Tubería de líquido	Ø	mm (pulg.)	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)
Tubería de gas	Ø	mm (pulg.)	9,52 (3/8)	9,52 (3/8)	12,70 (1/2)	12,70 (1/2)
Controlador						
Estándar			YR-HE2	YR-HE2	YR-HE2	YR-HE2

OUTDOOR UNITS

- 4,0 kW
- 8,5 kW
- 5,0 kW
- 9,0 kW
- 5,5 kW
- 10,5 kW
- 7,0 kW
- 12,5 kW
- 7,5 kW



1:2 2U40S2SM1FA
2U50S2SM1FA-3



1:3 3U55S2SR5FA
3U70S2SR5FA

MODEL			2U40S2SM1FA	2U50S2M1FA-3	3U55S2SR5FA	3U70S2SR5FA
Performance data						
Output power - COOLING	nom (min-max)	kW	4,00 (1,10-4,50)	4,60 (1,30-6,00)	5,50 (2,10-7,00)	7,00 (2,40-7,60)
Output power - HEATING	nom (min-max)	kW	4,40 (1,50-4,80)	5,20 (1,60-6,50)	6,80 (1,70-7,60)	7,60 (2,90-8,50)
Absorbed power – COOLING	nom (min-max)	kW	0,89 (0,30-1,65)	1,07 (0,35-2,01)	1,35	1,84
Absorbed power – HEATING	nom (min-max)	kW	0,98 (0,38-1,80)	1,21 (0,52-2,00)	1,66	1,85
Energy class	EER	W/W	4,50	4,3	4,00	3,81
	COP	W/W	4,50	4,3	4,10	4,10
COOLING Pdesign	35 °C	kW	4,00	4,60	5,50	7,00
HEATING Pdesign	(-10 °C)	kW	3,70	3,80	4,70	6,00
Energy class	SEER		8,50 (A+++)	8,50 (A+++)	8,50 (A+++)	7,50 (A++)
	SCOP		4,60 (A++)	4,60 (A++)	4,00 (A+)	4,20 (A+)
Annual Energy Consumption - COOLING		kWh/a	165	189	227	332
Annual Energy Consumption - HEATING		kWh/a	1126	1157	1678	2012
Outdoor Unit						
Power supply		Ph/V/Hz	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60
Power cable		N x mm ²	3 x 2,5	3 x 2,5	3 x 4,0	3 x 4,0
Interconnection cable		N x mm ²	4 x 1,0	4 x 1,0	4 x 2,5	4 x 2,5
Air volume	H	m ³ /h	2200	2400	3000	3000
Sound power	H	dB	62	63	64	66
Sound pressure	H	dB(A)	56	56	51	53
Running current cooling/heating	Max	A	7,4/8,2	9,0/8,9	10,8/9,5	11,9/9,7
Starting current cooling/heating	Max	A	1,0/1,0	1,0/1,0	4,0/4,0	4,0/4,0
Net dimensions	WxDxH	mm	800x280x550	800x280x550	890x340x700	890x340x700
Packaging dimensions	WxDxH	mm	908x405x625	908x405x625	1010x455x835	1010x455x835
Net/gross weight		kg	34,0/37,0	36,0/39,0	50,0/59,0	54,0/63,0
Compressor type			Twin Rotary Inverter	Twin Rotary Inverter	Twin Rotary Inverter	Twin Rotary Inverter
Installation data						
Refrigerant			R32	R32	R32	R32
Liquid pipe	Ø	mm (inch)	2×6,35 (3x1/4)	2×6,35 (3x1/4)	3×6,35 (3x1/4)	3×6,35 (3x1/4)
Gas pipe	Ø	mm (inch)	2×9,52 (3x3/8)	2×9,52 (3x3/8)	3×9,52 (3x3/8)	3×9,52 (3x3/8)
Standard pipe length without refrigerant charge		m	20	20	30	30
Maximum pipe length		m	20 (single) 30 (double)	20 (single) 30 (double)	50	60
Maximum IU - OU elevation		m	15	15	15	15
Maximum IU - IU elevation		m	7,5	7,5	7,5	7,5
Refrigerant charge in the factory		kg	1,00	1,10	1,40	1,60
Refrigerant charge in the factory		TCO ₂ eq	0,68	0,74	0,95	1,08
Additional ref. charge over std length		g/m	20	20	20	20
Operating limits - COOLING (in/out)	min-max	°C	-10-43°C	-10-43°C	-10-46°C	-10-46°C
Operating limits - HEATING (in/out)	min-max	°C	-15-24°C	-15-24°C	-15-24°C	-15-24°C

Data combination based on our Expert Unit. Data can vary with other indoor units.

The data in this catalogue is purely indicative as the data may vary. Please be advised to check the accuracy of the data with the supplier before purchasing products.



1:4 4U75S2SR5FA
4U85S2SR5FA



1:5 5U90S2SS5FA
5U105S2SS5FA
5U125S2SN1FA



3S

1:3 3U55S2WR1FA

1:4 4U70S2WR1FA

	4U75S2SR5FA	4U85S2SR5FA	5U90S2SS5FA	5U105S2SS5FA	5U125S2SN1FA
	7,50 (2,40-8,70)	8,50 (3,20-9,50)	9,00 (3,20-11,00)	10,00 (3,20-11,00)	12,50 (3,20-13,80)
	8,60 (3,10-10,00)	9,60 (4,40-10,50)	10,40 (4,40-11,50)	10,50 (4,40-11,50)	12,70 (4,40-14,30)
	1,97	2,50	2,79	3,47	3,87
	2,15	2,40	2,79	2,82	3,40
	3,80	3,40	3,23	2,88	3,23
	4,00	4,00	3,73	3,73	3,73
	7,50	8,00	9,00	10,00	12,50
	6,30	7,00	7,20	8,00	9,50
	7,00 (A++)	7,00 (A++)	7,00 (A++)	7,00 (A++)	7,10 (A++)
	4,00 (A+)	4,00 (A+)	4,00 (A+)	4,00 (A+)	4,05 (A+)
	379	456	457	537	622
	2179	2503	2441	2889	3346
	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60	1/220-240/50/60
	3 x 4,0				
	4 x 2,5				
	4000	4000	4200	4200	4200
	68	68	70	70	73
	55	55	55	55	58
	14,7/13,5	15,5/14,6	18,2/14,6	18,2/14,6	23,0/18,7
	5,0/5,0	5,0/5,0	5,0/5,0	5,0/5,0	5,0/5,0
	890x340x700	890x340x700	920x372x765	920x372x765	950x370x965
	1010x455x835	1010x455x835	1045x488x890	1045x488x890	1050x485x1170
	61,0/70,0	61,0/70,0	66,0/77,0	66,0/77,0	79,0/91,0
	Twin Rotary Inverter				
	R32	R32	R32	R32	R32
	4×6,35 (4x1/4)	4×6,35 (4x1/4)	5×6,35 (5x1/4)	5×6,35 (5x1/4)	5×6,35 (5x1/4)
	3×9,52+1×12,70 (3x3/8+1x1/2)	3×9,52+1×12,70 (3x3/8+1x1/2)	3×9,52+2×12,70 (3x3/8+2x1/2)	3×9,52+2×12,70 (3x3/8+2x1/2)	3×9,52+2×12,70 (3x3/8+2x1/2)
	40	40	40	40	50
	70	70	80	80	100
	15	15	15	15	15
	7,5	7,5	7,5	7,5	7,5
	1,60	2,20	2,40	2,40	2,50
	1,08	1,49	1,62	1,62	1,69
	20	20	20	20	20
	-10-46°C	-10-46°C	-10-46°C	-10-46°C	-10-46°C
	-15-24°C	-15-24°C	-15-24°C	-15-24°C	-15-24°C

	3U55S2WR1FA	4U70S2WR1FA
	5,40	7,00
	5,00	6,00
	1,34	1,8
	1,68	2,0
	4,05	3,90
	4,20	4,30
	5,4	7,0
	5,0	6,0
	8,5 (A+++)	8 (A++)
	4,6 (A++)	4,3 (A+)
	240	320
	1680	1922
	1/220-240/50/60	1/220-240/50/60
	3 x 4,0	3 x 4,0
	4 x 2,5	4 x 2,5
	3000	3000
	63	63
	53	53
	12,6/11,5	13/12
	4,0/4,0	4,0/4,0
	890x340x700	890x340x700
	1010x455x875	1010x455x875
	55/65	56/66
	Twin Rotary (DC inverter)	Twin Rotary (DC inverter)
	R32	R32
	3*Ø6,35 (3x1/4)	4*Ø6,35 (4x1/4)
	3*Ø9,52 (3x3/8)	4*Ø9,52 (3x3/8)
	30	30
	50	50
	15	15
	7,5	7,5
	1,8	1,9
	1,22	1,28
	20	20
	-10-46°C	-10-46°C
	-15-24°C	-15-24°C

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