



KID-07 S
Standard



Set model		AKAY-S 26 DR13	AKAY-S 35 DR13	AKAY-S 52 DR13	AKAY-S 71 DR13
> Set					
Cooling capacity rated	kW	2.60	3.50	5.00	7.00
Cooling capacity min. / max.	kW	1.00 / 3.50	1.40 / 4.00	2.00 / 6.10	2.20 / 8.80
Heating capacity rated	kW	2.90	3.80	5.40	7.30
Heating capacity min. / max.	kW	0.80 / 3.70	1.10 / 4.10	1.40 / 6.80	1.60 / 9.40
Heating capacity rated at -7°C	kW	2.38	2.53	4.11	6.15
Cooling input rated	W	628	1035	1390	2120
Cooling input min. / max.	W	80 / 1300	130 / 1550	160 / 1787	420 / 3450
Heating input rated	W	666	975	1440	1970
Heating input min. / max.	W	70 / 1075	160 / 1400	230 / 1750	300 / 3150
Heating input rated at -7°C	W	1150	1259	1664	3030
EER		4.20 -	3.40 -	3.60 -	3.30 -
COP		4.40 -	3.91 -	3.75 -	3.71 -
COP at -7°C		2.07	2.01	2.47	2.03
SEER		8.80 - A+++	8.50 - A+++	8.50 - A+++	7.90 - A++
SCOP		4.60 - A++	4.60 - A++	4.60 - A++	4.60 - A++
> Indoor unit		KAY-S 26 DR13	KAY-S 35 DR13	KAY-S 52 DR13	KAY-S 71 DR13
Power supply	V/ph/Hz	with communication	with communication	with communication	with communication
Communication wiring	mm ²	(4+T)x1,5	(4+T)x1,5	(4+T)x1,5	(4+T)x1,5
Width / Height / Depth	mm	723 / 286 / 199	813 / 289 / 201	975 / 308 / 218	1055 / 330 / 231
Net weight	kg	7.50	8.00	10.2	13.0
Air flow low / medium / high	m ³ /h	285 / 360 / 510	370 / 450 / 600	470 / 600 / 800	635 / 790 / 1090
Sound pressure	dB(A)	19 / 25 / 34 / 39	20 / 26 / 32 / 39	22 / 28 / 36 / 43	22 / 33 / 40 / 46
Sound power level	dB(A)	56	56	58	60
> Outdoor unit		KAE-S 26 DR13	KAE-S 35 DR13	KAE-S 52 DR13	KAE-S 71 DR13
Power supply	V/ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
Power wiring	mm ²	(2+T)x1.5	(2+T)x1.5	(2+T)x1.5	(2+T)x2.5
Max. intensity	A	10.0	10.0	13.5	19.0
Circuit breaker		D16	D16	D16	D16
Width / Height / Depth	mm	887 / 555 / 303	887 / 555 / 303	995 / 673 / 342	995 / 673 / 342
Net weight	kg	23.1	23.1	37.8	41.0
Air flow	m ³ /h	2200	2200	3500	3500
Sound pressure	dB(A)	54	55	55	55
Sound power level	dB(A)	56	56	58	60
> Refrigerant					
Type refrigerant		R-32	R-32	R-32	R-32
GWP		675	675	675	675
Refrigerant charge	kg	0.55	0.58	0.85	1.08
t CO ₂ eq	tCO ₂	0.55	0.58	0.85	1.08
Pre-charge meters	m	5	5	5	5
Supplementary charge	kg/m	0.012	0.012	0.012	0.012
Liquid / Gas pipe diameter	inch	1/4" / 3/8"	1/4" / 3/8"	1/4" / 1/2"	1/4" / 1/2"
Piping total length	m	25	25	30	50
Vertical piping max. length	m	10	10	20	25
> Working range					
Outdoor ambient temperature for heating min. / max.	°C	-15 / 24	-15 / 24	-15 / 24	-15 / 24
Outdoor ambient temperature for cooling min. / max.	°C	-15 / 50	-15 / 50	-15 / 50	-15 / 50

Cooling and heating capacity. Cooling and heating input. Energy efficiency: The energy coefficients are calculated under standard conditions. The actual operation conditions depend on the place in which the equipment has been installed and the use made of it.

Sound pressure: Measurement of the sound pressure is taken using an anechoic chamber at a distance of 1 m from the machine.

Supplementary charge: The initial charge of the machines is valid for the first 5 m (liquid line). A supplementary charge of 0.012 kg/m is required for greater distances per each additional metre.

NOTE: Before installing these units, current legislation regarding refrigerant gases must be consulted.



MAIN OFFICE
Blasco de Garay, 4-6
08960 Sant Just Desvern
(Barcelona)
Phone: +34 93 480 33 22
www.frigicoll.es
www.kaysun.es