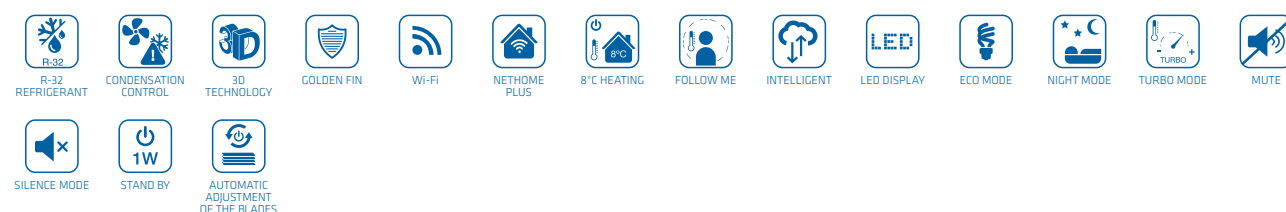


Prodigy PRO



KID-06 S
Standard

Technical documentation	Download
User Manual	PDF
Controller Manual	PDF
Declaration of Conformity	PDF
ErP	PDF
Dimensions	DWG
Software	Download
Installation diagrams	PDF



Set model		AKAY-P 26 DR11	AKAY-P 35 DR11	AKAY-P 52 DR11	AKAY-P 71 DR11
> Set					
Cooling capacity rated	kW	2.73	3.52	5.28	7.04
Cooling capacity min. / max.	kW	1.32 / 3.81	1.32 / 3.96	3.75 / 6.13	2.11 / 8.21
Heating capacity rated	kW	3.14	3.96	5.57	7.33
Heating capacity min. / max.	kW	1.32 / 3.96	0.88 / 4.55	2.58 / 6.77	1.55 / 8.21
Heating capacity rated at -7°C	kW	2.71	2.85	4.43	6.71
Cooling input rated	W	619	925	1320	1760
Cooling input min. / max.	W	130 / 1200	130 / 1250	590 / 1780	420 / 3200
Heating input rated	W	681	990	1500	1980
Heating input min. / max.	W	120 / 1400	120 / 1450	940 / 1700	300 / 3100
Heating input rated at -7°C	W	1075	1144	1772	3165
EER		4.5 -	3.8 -	4.1 -	3.95 -
COP		4.54 -	3.75 -	3.71 -	3.71 -
COP at -7°C		2.52	2.49	2.5	2.12
SEER		8.5 - A+++	8.5 - A+++	8.5 - A+++	8.5 - A+++
SCOP		4.6 - A++	4.6 - A++	4.3 - A+	4.2 - A+
> Indoor unit					
		KAY-P 26 DR12	KAY-P 35 DR12	KAY-P 52 DR12	KAY-P 71 DR12
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	857 / 300 / 231	857 / 300 / 231	1024 / 321 / 246	1197 / 371 / 280
Net weight	kg	10.2	10.2	12.3	20
Air flow low / medium / high	m ³ /h	280 / 360 / 530	290 / 380 / 560	400 / 580 / 685	379 / 724 / 1.092
Sound pressure	dB(A)	20.5 / 21.5 / 32/ 40	21 / 22 / 34/ 41	22 / 23 / 35/ 41	21 / 33 / 40/ 44.5
Sound power level	dB(A)	56	56	59	65
> Outdoor unit					
		KAE-26 DR9	KAE-35 DR9	KAE-P 52 DR9	KAE-P 71 DR9
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	10.5	10.5	13	19
Circuit breaker		D16	D16	D16	D20
Width / Height / Depth	mm	765 / 555 / 303	765 / 555 / 303	890 / 673 / 342	890 / 673 / 342
Net weight	kg	26.4	26.4	38.8	45.6
Air flow	m ³ /h	2150	2200	3500	3500
Sound pressure	dB(A)	55	55	56	58.5
Sound power level	dB(A)	59	61	65	68

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Set model		AKAY-P 26 DR11	AKAY-P 35 DR11	AKAY-P 52 DR11	AKAY-P 71 DR11
> Refrigerant					
Type refrigerant		R-32	R-32	R-32	R-32
GWP		675	675	675	675
Refrigerant charge	kg	0.62	0.62	1.1	1.5
t CO ₂ eq	tCO ₂	0.42	0.42	0.74	1.01
Pre-charge meters	m	5	5	5	5
Supplementary charge	kg/m	0.012	0.012	0.012	0.024
Liquid / Gas pipe diameter	inch	1/4" / 3/8"	1/4" / 3/8"	1/4" / 1/2"	3/8" / 5/8"
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

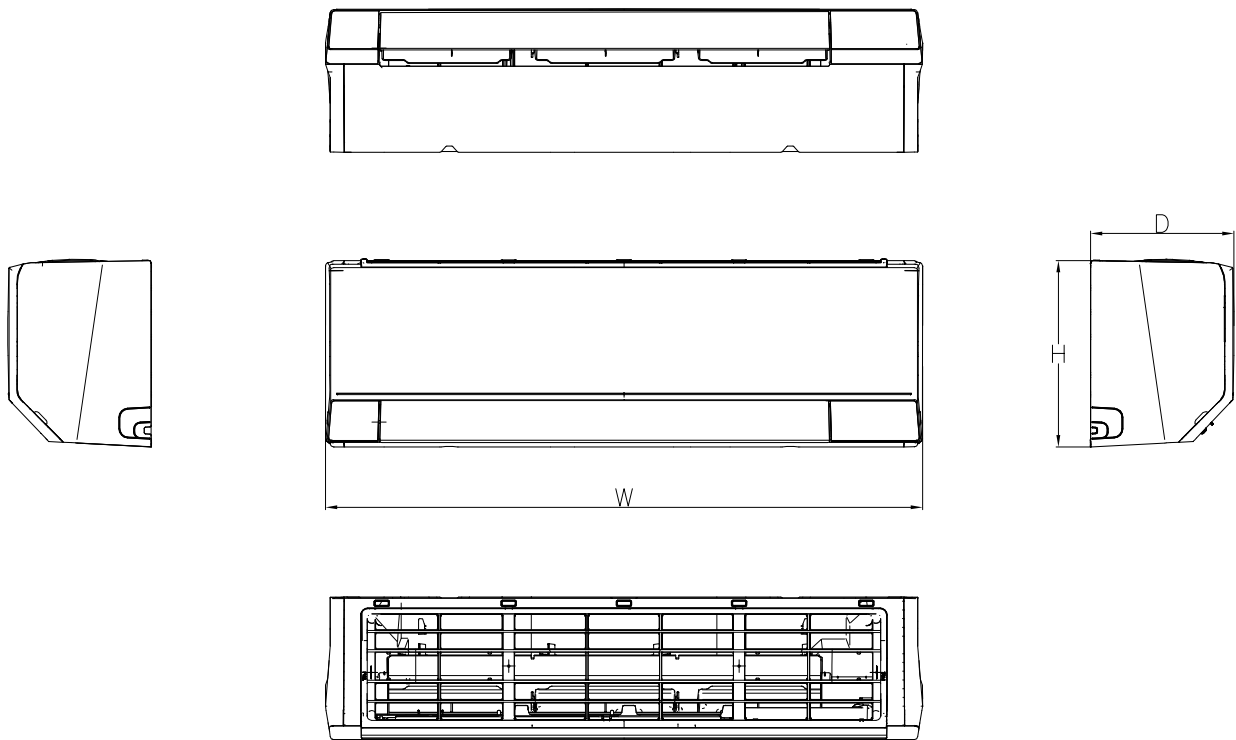
Cooling and heating capacity. Cooling and heating input. Energy efficiency: The energy coefficients are calculated under standard conditions. The actual operation conditions depend on the place in which the equipment has been installed and the use made of it.

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.

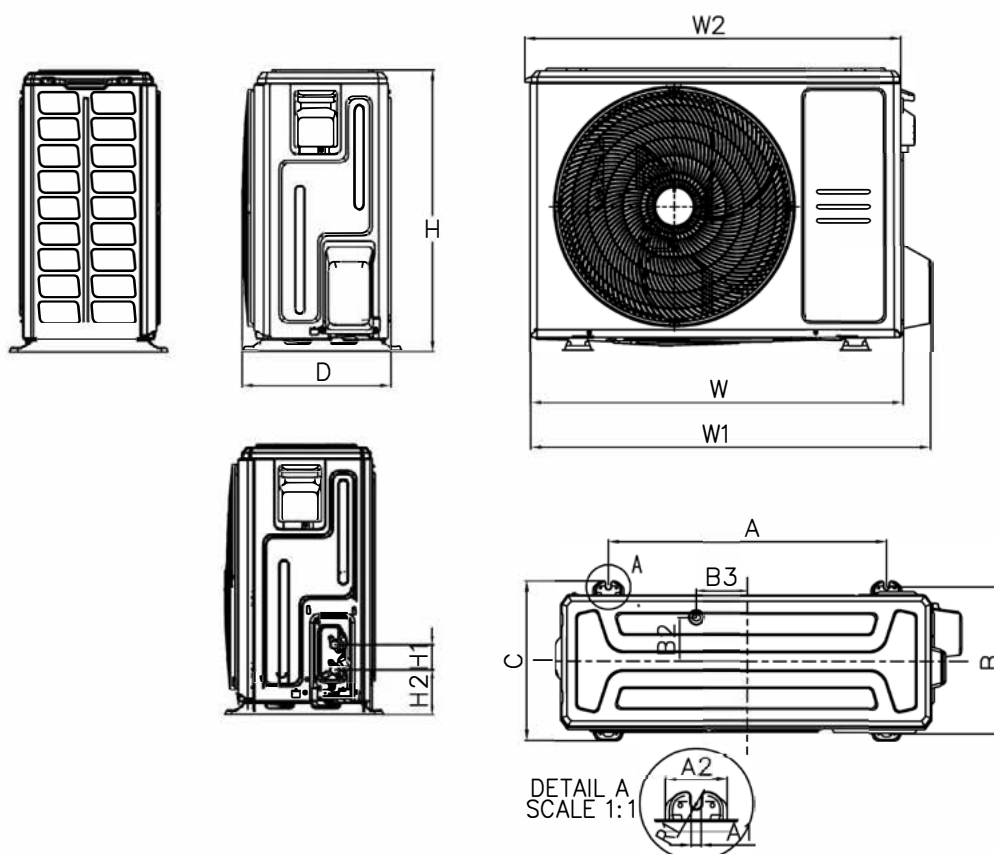
NOTE: Before installing these units, current legislation regarding refrigerant gases must be consulted.

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Capacity	W	D	H
9K/12K	857	231	300
18K	1024	246	321
24K	1197	280	371

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Platform	W	W1	W2	D	H	A	B	C	H1	H2	A1	A2	R1	B2	B3
X1	720	790	727	270	495	452	255	281	60	87	11.7	49	6	76.5	33
X2	765	835	784	303	555	452	286	314	60	93	10	62	5	76	18
X3	805	874	815	330	554	511	317	346	60	95	10	58	6.5	105	49
X4	890	955	895	342	673	663	354	380	60	108	12	74	6	52	61
X6	980	1073	/	415	975	616	397	440	60	114	12	76	6	111	95
D	946	1030	/	410	810	673	403	455	60	108	24	73	6	95	10

	2,6kW (09)	3,5kW (12)	5,2kW (18)	7,1kW (24)
PRODIGY PRO	X2	X2	X4	X4