

Superslim Cassette 840x840


 KID-06 S
Standard


EUROVENT


 R-32
REFRIGERANT

 50/60
Hz

 COMPATIBLE
WITH AIRZONE

 NETHOME
PLUS

 ON/OFF
CONTACT


FOLLOW ME


 FRESH AIR
SUPPLY

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

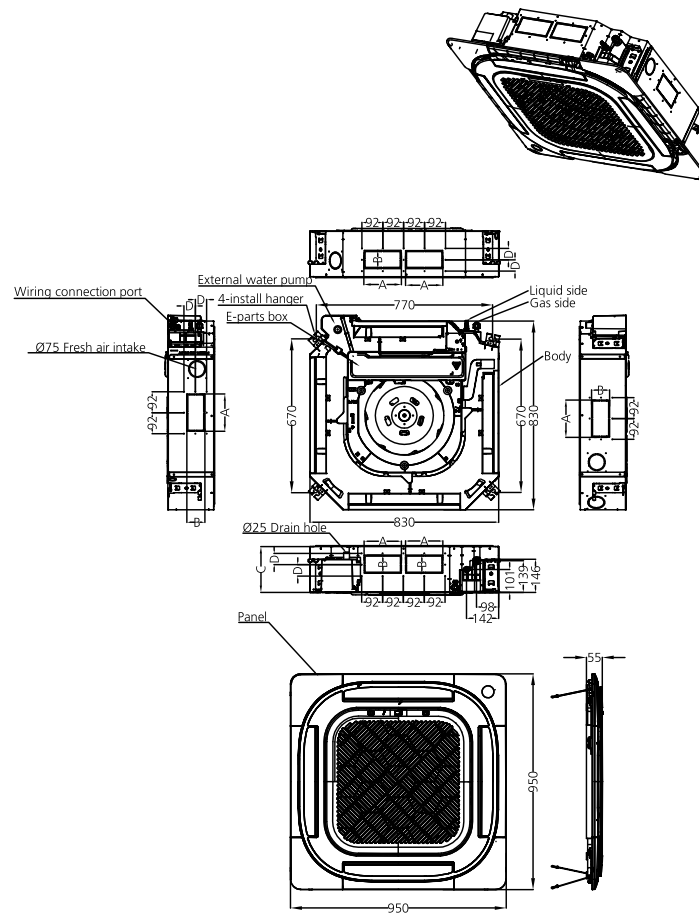
Set model		KCISA-71 DVR15	KCISA-90 DVR15	KCISA-105 DTR14	KCISA-105 DVR14
> Set					
Cooling capacity rated	kW	7.03	8.79	10.55	10.55
Cooling capacity min. / max.	kW	3.3 / 7.91	2.23 / 9.38	2.7 / 11.43	2.7 / 11.43
Heating capacity rated	kW	7.52	9.38	11.14	11.14
Heating capacity min. / max.	kW	2.79 / 8.50	2.7 / 9.73	2.78 / 12.66	2.78 / 12.66
Heating capacity rated at -7°C	kW	6.37	6.81	7.52	7.08
Cooling input rated	W	2320	2750	4000	4000
Cooling input min. / max.	W	780 / 2750	190 / 3000	890 / 4150	890 / 4150
Heating input rated	W	1900	2450	3000	3000
Heating input min. / max.	W	610 / 2300	430 / 2550	780 / 4000	780 / 4000
Heating input rated at -7°C	W	2665.27	2757.09	2892.31	2671.7
EER		2.88	3.2	2.65	2.65
COP		4.10	4	3.68	3.68
COP at -7°C		2.39	2.47	2.6	2.65
SEER		6.3 - A++	6.6 - A++	6.7 - A++	6.3 - A++
SCOP		4.1 - A+	4.2 - A+	4.0 - A+	3.9 - A+
Shielded communication wiring	mm ²	4x1	4x1	4x1	4x1
> Indoor unit					
		KCIS-71 DR14	KCIS-90 DR14	KCIS-105 DR14	KCIS-105 DR14
Power supply	V/ph/Hz	With communication	With communication	With communication	With communication
Communication wiring	mm ²	4x1	4x1	4x1	4x1
Width / Height / Depth	mm	830 / 205 / 830	830 / 245 / 830	830 / 245 / 830	830 / 245 / 830
Net weight	kg	21.6	24.6	27.2	27.2
Air flow low / medium / high	m ³ /h	992 / 1118 / 1247	1300 / 1530 / 1700	1300 / 1530 / 1700	1300 / 1530 / 1700
Sound pressure	dB(A)	42 / 47.5 / 50	46 / 48 / 50.5	46 / 49 / 51	46 / 49 / 51
Sound power level	dB(A)	59	63	64	64
Panel; Model		LCAC KPA4-04B 840x840	LCAC KPA4-04B 840x840	LCAC KPA4-04B 840x840	LCAC KPA4-04B 840x840
Panel; Width / Height / Depth	mm	950 / 55 / 950	950 / 55 / 950	950 / 55 / 950	950 / 55 / 950
Panel; Net weight	kg	6	6	6	6
Power wiring	mm ²	With communication	With communication	With communication	With communication
> Outdoor unit					
		KUE-71 DVR14	KUE-90 DVR14	KUE-105 DTR13	KUE-105 DVR13
Power supply	V/ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	380-415/3/50
Power wiring	mm ²	(2+T)x2,5	(2+T)x2,5	(2+T)x4	(4+T)x2,5
Circuit breaker		D20	D30	D30	D20
Width / Height / Depth	mm	890 / 673 / 342	946 / 810 / 410	946 / 810 / 410	946 / 810 / 410
Net weight	kg	41.9	51	66.9	80.5
Air flow	m ³ /h	3500	3800	4000	4000
Sound pressure	dB(A)	60	62	63	63
Sound power level	dB(A)	68	70	70	70
> Refrigerant					
Type refrigerant		R-32	R-32	R-32	R-32
GWP		675	675	675	675
Refrigerant charge	kg	1.9	2	2.4	2.4
t CO ₂ eq	tCO ₂	1.28	1.35	1.62	1.62
Pre-charge meters	m	5	5	5	5
Supplementary charge	kg/m	0.024	0.024	0.024	0.024
Liquid / Gas pipe diameter	inch	3/8" / 5/8"	3/8" / 5/8"	3/8" / 5/8"	3/8" / 5/8"
Piping total length	m	50	50	75	75
Vertical piping max. length	m	25	25	30	30
> 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

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Set Model		KCISA-125 DVR14	KCISA-140 DVR15	KCISA-140 DTR15	KCISA-160 DTR15
> Set					
Cooling capacity rated	kW	12.02	14.07	14.07	15.24
Cooling capacity min. / max.	kW	2.93 / 12.31	3.52 / 15.83	3.52 / 15.83	4.10 / 16.12
Heating capacity rated	kW	13.48	16.12	16.12	18.17
Heating capacity min. / max.	kW	3.37 / 14.07	4.10 / 17.00	4.20 / 17.29	4.40 / 19.05
Heating capacity rated at -7°C	kW	8.41	12.46	12.50	12.39
Cooling input rated	W	4200	4850	4980	5700
Cooling input min. / max.	W	680 / 4350	810 / 5700	810 / 6350	1000 / 6250
Heating input rated	W	3700	4500	4580	5700
Heating input min. / max.	W	750 / 4250	910 / 5800	900 / 5500	1020 / 6350
Heating input rated at -7°C	W	3173.58	5663.64	5924.17	5844.34
EER		2.85	3.03	3.03	2.95
COP		3.6	3.5	3.5	3.22
COP at -7°C		2.65	2.20	2.11	2.12
SEER		6.1 - A++	6.1 - A++	6.1 - A++	6.1 - A++
SCOP		4.0 - A+	4.0 - A+	4.0 - A+	4.0 - A+
Shielded communication wiring	mm ²	4x1	4x1	4x1	4x1
> Indoor unit					
		KCIS-125 DR14	KCIS-140 DR14	KCIS-140 DTR14	KCIS-160 DR14
Power supply	V/ph/Hz	With communication	With communication	With communication	With communication
Communication wiring	mm ²	4x1	4x1	4x1	4x1
Width / Height / Depth	mm	830 / 287 / 830	830 / 287 / 830	830 / 287 / 830	830 / 287 / 830
Net weight	kg	29.3	29.3	29.3	29.3
Air flow low / medium / high	m ³ /h	1600 / 1750 / 1900	1600 / 1750 / 1900	1600 / 1750 / 1900	1650 / 1850 / 2000
Sound pressure	dB(A)	47.5 / 50 / 52.5	48 / 50.5 / 52.5	48 / 50.5 / 52.5	49.5 / 52 / 54.5
Sound power level	dB(A)	66	66	66	66
Panel; Model		LCAC KPA4-04B 840x840	LCAC KPA4-04B 840x840	LCAC KPA4-04B 840x840	LCAC KPA4-04B 840x840
Panel; Width / Height / Depth	mm	950 / 55 / 950	950 / 55 / 950	950 / 55 / 950	950 / 55 / 950
Panel; Net weight	kg	6	6	6	6
Power wiring	mm ²	With communication	With communication	With communication	With communication
> Outdoor unit					
		KUE-125 DVR13	KUE-140 DVR14	KUE-140 DTR14	KUE-160 DTR14
Power supply	V/ph/Hz	220-240/1/50	220-240/1/50	380-415/3/50	380-415/3/50
Power wiring	mm ²	(2+T)x4	(2+T)x4	(4+T)x2.5	(4+T)x4
Circuit breaker		D40	D40	D25	D25
Width / Height / Depth	mm	946 / 810 / 410	980 / 975 / 375	980 / 975 / 375	980 / 975 / 375
Net weight	kg	71.0	82.5	82.5	92.0
Air flow	m ³ /h	4000	5600	5600	5600
Sound pressure	dB(A)	63	64	64	65
Sound power level	dB(A)	72	73	73	75
> Refrigerant					
Type refrigerant		R-32	R-32	R-32	R-32
CWP		675	675	675	675
Refrigerant charge	kg	2.8	2.9	2.9	3
t CO ₂ eq	tCO ₂	1.89	1.96	1.96	2.03
Pre-charge meters	m	5	5	5	5
Supplementary charge	kg/m	0.024	0.024	0.024	0.024
Liquid / Gas pipe diameter	inch	3/8" / 5/8"	3/8" / 5/8"	3/8" / 5/8"	3/8" / 5/8"
Piping total length	m	75	75	75	75
Vertical piping max. length	m	30	30	30	30
> 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

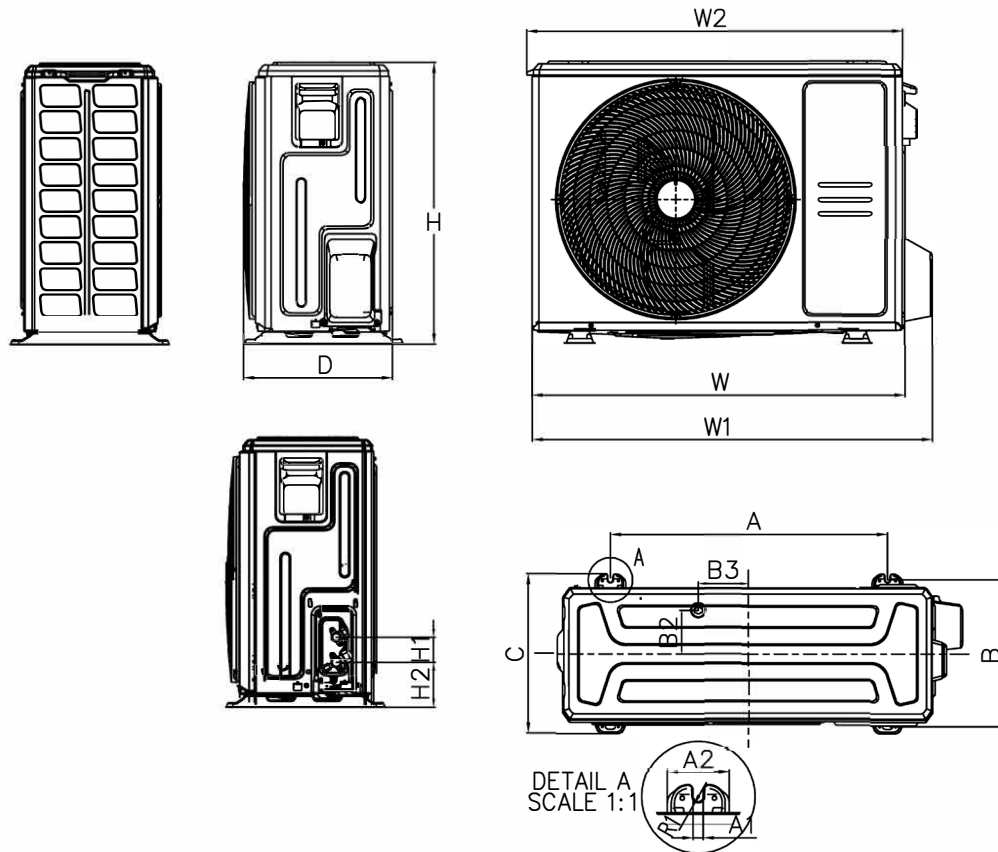
Cooling and heating capacity. Cooling and heating input. Energy efficiency: Data for standard conditions. The actual operation conditions depend on the place in which the equipment has been installed and the use made of it. **Sound pressure:** Measurement of the sound pressure is taken using a semi-anechoic chamber at a distance of 1 m from the machine. **Power wiring:** The power wiring is up to 10 m approximately. It must be calculated more precisely for each installation. **Supplementary charge:** The initial factory charge of the machines is valid for the first 5 m (liquid line). For greater distances, a supplementary charge is required, in accordance with the formula 0.012 kg/m × (L-5) in the liquid line is 1/4". For greater diameters, use 0.024 kg/m × (L-5). **Compatible controllers:** The units can integrate one of the controllers from the table or the one recommended by Kaysun. For further information regarding compatibility, see the chapter on Controllers. **NOTE:** Before installing these units, current legislation regarding refrigerant gases must be consulted.

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Capacity	A	B	C	D
24K	165	80	205	50
30K~36K	165	100	245	60
42K~55K	165	100	287	60

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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)	9kW (30) 10,5kW (36) 12,5kW (42)	14kW (48) 16kW (55)
ODUs	X2	X3	X4	D	X6