



Kaysun
by Frigicoll

Floor/Ceiling Twins Axial Current Loop

ES

FR

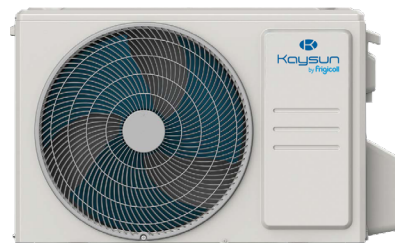
ENGLISH

LANGUAGES

PRODUCT SHEET



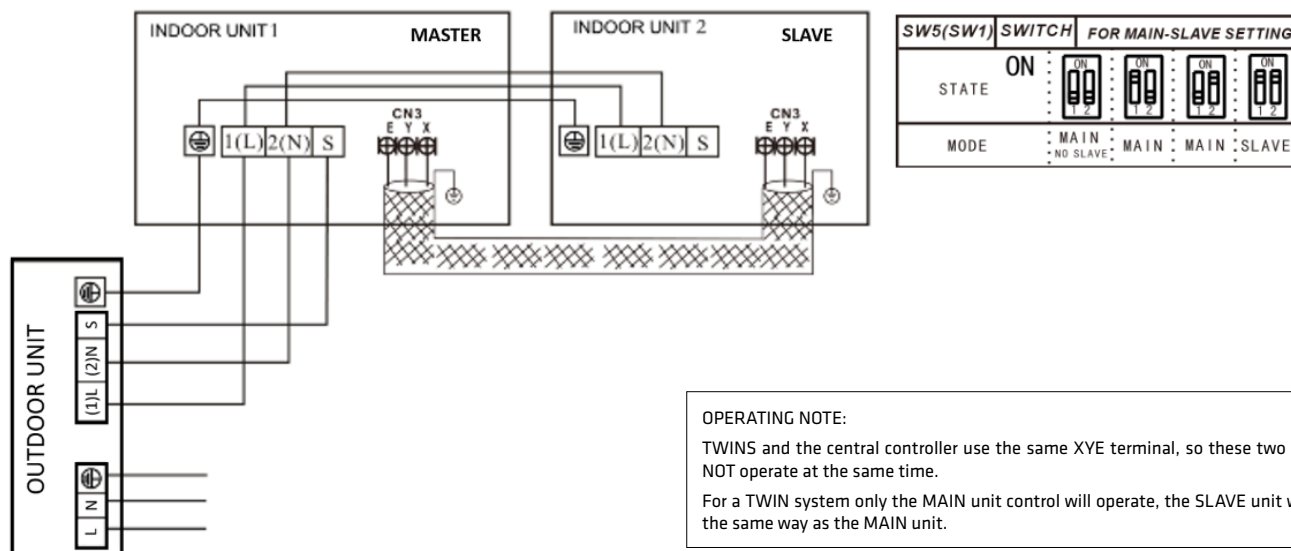
KID-05 S
Recommended
controller



FEATURES

Indoor model / Outdoor model	2x KPC-52 DR14 / KUE-105 DVR13
Cooling capacity (indoor)	2x 5,28 kW
Heating capacity (indoor)	2x 5,57 kW
Airflow (indoor)	723/839/958 m ³ /h
Sound pressure (indoor)	37/41/44 dB(A)
Airflow (outdoor)	3800 m ³ /h
Sound pressure (outdoor)	62 dB(A)
Power supply	220-240 V / 1 / 50 Hz
Circuit breaker / Fuse	50 / 40 A
Power wiring (outdoor)	(2+T)x4 mm ²
Interconnection wiring (outdoor - indoor)	(3+T)x1 mm ²
Controller communication wiring	2x0,5 mm ² (≤20 m) / 2x0,75-1,25 mm ² (≤50 m)
XYE communication BUS (shielded)	3x0,75 mm ²

WIRING DIAGRAM



OPERATING NOTE:

TWINS and the central controller use the same XYE terminal, so these two functions will NOT operate at the same time.

For a TWIN system only the MAIN unit control will operate, the SLAVE unit will operate in the same way as the MAIN unit.

NOTES:

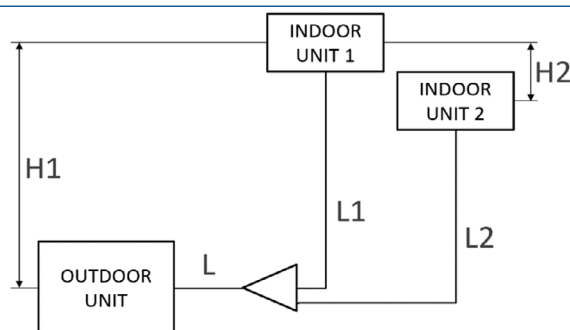
(1) The data and specifications present in this sheet may vary without notice.

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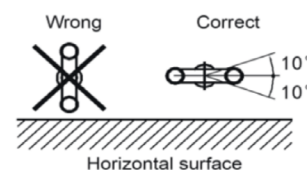
COOLING CONNECTION

Model	2x KPC-52 DR14 / KUE-105 DVR13	
Refrigerating pipes (L)	Ø3/8" / Ø5/8"	
Refrigerating pipes (L1 & L2)	Ø1/4" / Ø1/2"	
Refrigerant charge	2,40 kg	
Indoor drain pipe	Ø25 mm	
Max. pipe length	50 m	
Max. level difference between outdoor & indoor unit (H1)	20 m	
Max. level difference between indoor units (H2)	0,50 m	
Max. pipe length (L1 & L2)	15 m	
Difference between pipes (L1-L2)	10 m	



Distributor installation:

A direction view

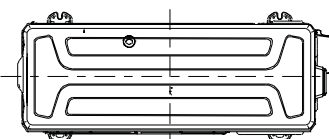
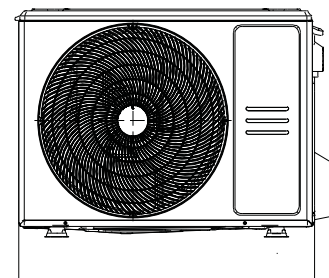
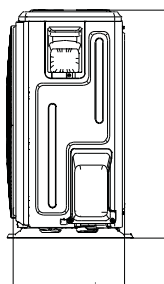
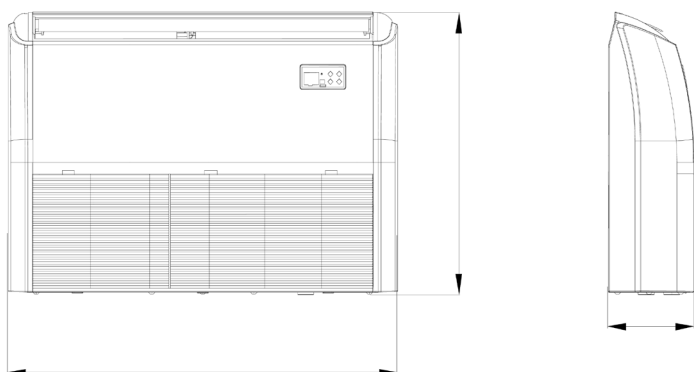


DIMENSIONS & WEIGHT INDOOR

Model	KPC-52 DR14
Width	1.068 mm
Height	235 mm
Depth	675 mm
Weight	28 kg

DIMENSIONS & WEIGHT OUTDOOR

Model	KUE-105 DVR13
Width	946 mm
Height	810 mm
Depth	410 mm
Weight	52,8 kg





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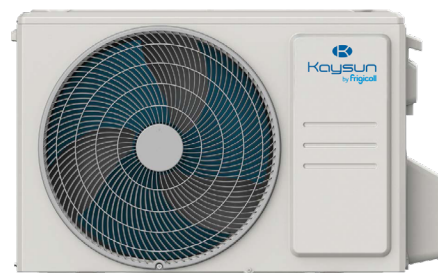
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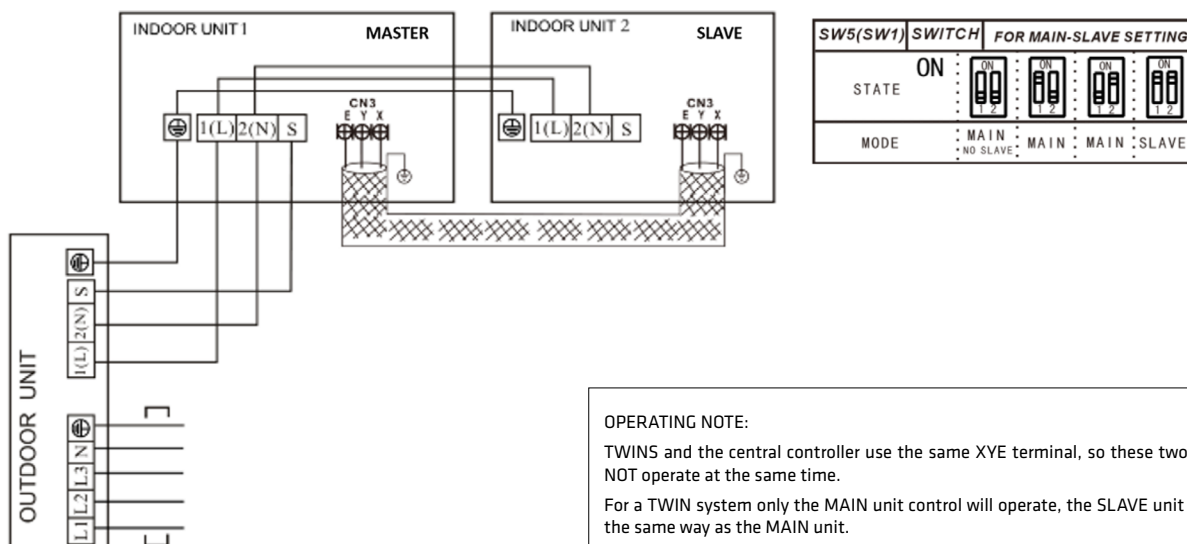
KID-05 S
Recommended
controller



FEATURES

Indoor model / Outdoor model	2x KPC-52 DR14 / KUE-105 DTR13
Cooling capacity (indoor)	2x 5,28 kW
Heating capacity (indoor)	2x 5,57 kW
Airflow (indoor)	723/839/958 m ³ /h
Sound pressure (indoor)	37/41/44 dB(A)
Airflow (outdoor)	4.000 m ³ /h
Sound pressure (outdoor)	63 dB(A)
Power supply	380-415 V / 3 / 50 Hz
Circuit breaker / Fuse	25 / 20 A
Power wiring (outdoor)	(4+T)x2,50 mm ²
Interconnection wiring (outdoor - indoor)	(3+T)x1 mm ²
Controller communication wiring	2x0,5 mm ² (≤20 m) / 2x0,75-1,25 mm ² (≤50 m)
XYE communication BUS (shielded)	3x0,75 mm ²

WIRING DIAGRAM

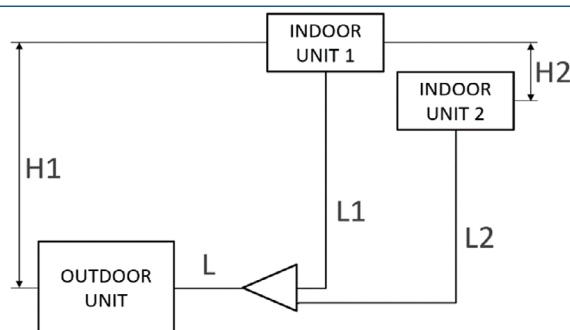


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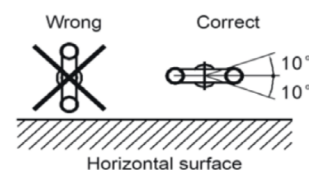
COOLING CONNECTION

Model	2x KPC-52 DR14 / KUE-105 DTR13	
Refrigerating pipes (L)	Ø3/8" / Ø5/8"	
Refrigerating pipes (L1 & L2)	Ø1/4" / Ø1/2"	
Refrigerant charge	2,40 kg	
Indoor drain pipe	Ø25 mm	
Max. pipe length	50 m	
Max. level difference between outdoor & indoor unit (H1)	20 m	
Max. level difference between indoor units (H2)	0,50 m	
Max. pipe length (L1 & L2)	15 m	
Difference between pipes (L1-L2)	10 m	



Distributor installation:

A direction view

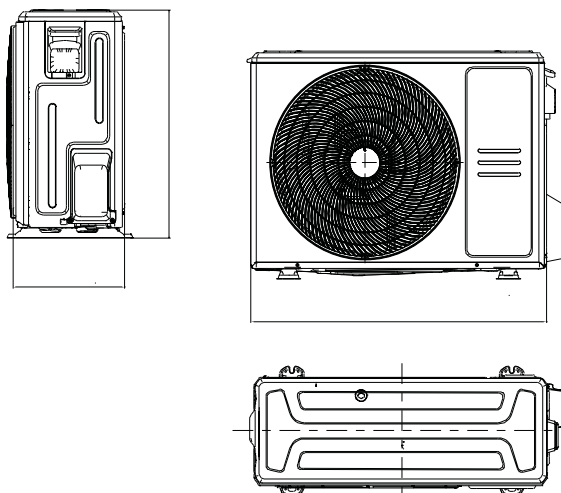
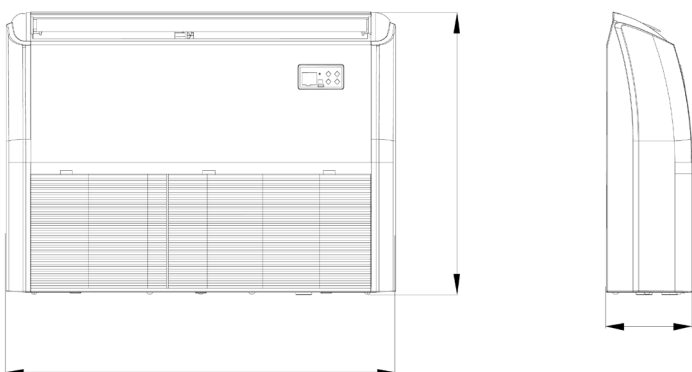


DIMENSIONS & WEIGHT INDOOR

Model	KPC-52 DR14
Width	1.068 mm
Height	235 mm
Depth	675 mm
Weight	28 kg

DIMENSIONS & WEIGHT OUTDOOR

Model	KUE-105 DTR13
Width	946 mm
Height	810 mm
Depth	410 mm
Weight	66,9 kg



Floor/Ceiling Twins Axial Current Loop



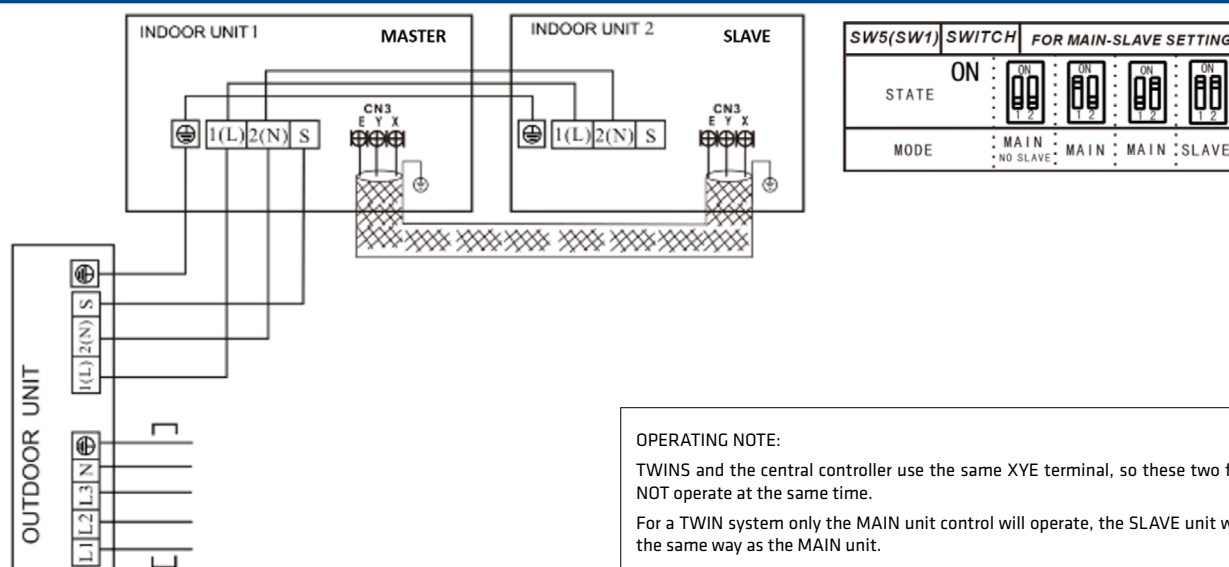
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FEATURES

Indoor model / Outdoor model	2x KPC-71 DR14 / KUE-140 DTR13
Cooling capacity (indoor)	2x 7,03 kW
Heating capacity (indoor)	2x 7,62 kW
Airflow (indoor)	853/1023/1192 m³/h
Sound pressure (indoor)	43/47/51 dB(A)
Airflow (outdoor)	7.500 m³/h
Sound pressure (outdoor)	63,5 dB(A)
Power supply	380-415 V / 3 / 50 Hz
Circuit breaker / Fuse	32 / 25 A
Power wiring (outdoor)	(4+T)x2,50 mm²
Interconnection wiring (outdoor - indoor)	(3+T)x1 mm²
Controller communication wiring	2x0,5 mm² (≤20 m) / 2x0,75-1,25 mm² (≤50 m)
XYE communication BUS (shielded)	3x0,75 mm²

WIRING DIAGRAM

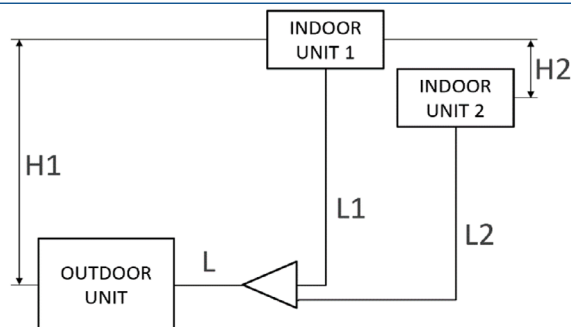


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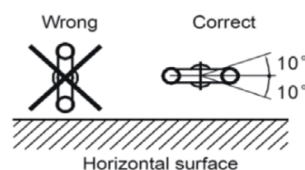
COOLING CONNECTION

Model	2x KPC-71 DR14 / KUE-140 DTR13	
Refrigerating pipes (L)	Ø3/8" / Ø5/8"	
Refrigerating pipes (L1 & L2)	Ø3/8" / Ø5/8"	
Refrigerant charge	2,40 kg	
Indoor drain pipe	Ø25 mm	
Max. pipe length	65 m	
Max. level difference between outdoor & indoor unit (H1)	20 m	
Max. level difference between indoor units (H2)	0,50 m	
Max. pipe length (L1 & L2)	15 m	
Difference between pipes (L1-L2)	10 m	



Distributor installation:

A direction view



DIMENSIONS & WEIGHT INDOOR

Model	KPC-71 DR14
Width	1.068 mm
Height	235 mm
Depth	675 mm
Weight	28 kg

DIMENSIONS & WEIGHT OUTDOOR

Model	KUE-140 DTR13
Width	952 mm
Height	1333 mm
Depth	415 mm
Weight	103,70 kg

