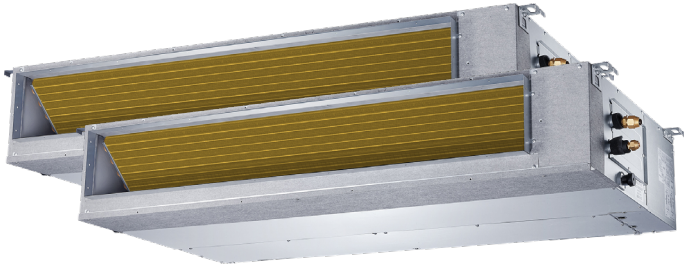
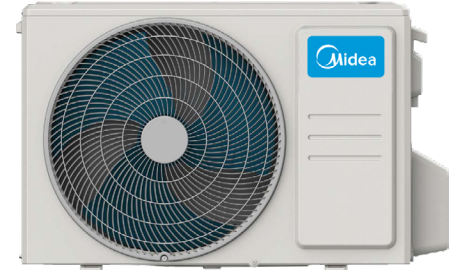


Ducts

Twins Axial Current Loop



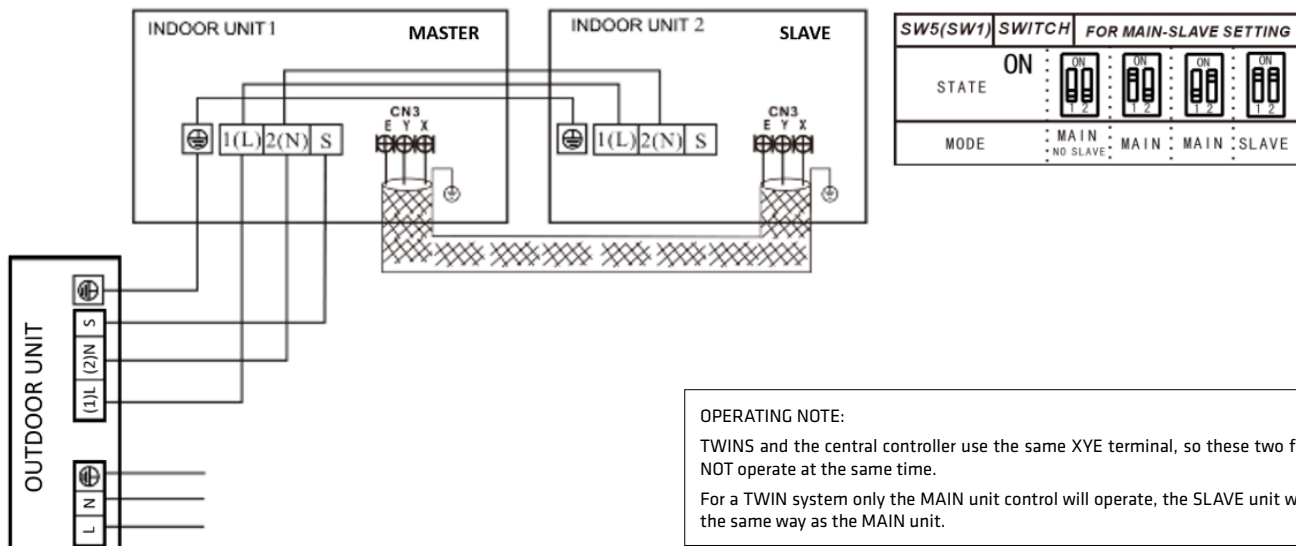
KC-03.1 SPS
Recommended
controller



FEATURES

Indoor model / Outdoor model	2x KPD-35 DR13-X / KUE-71 DVR13
Cooling capacity (indoor)	2x 3,52 kW
Heating capacity (indoor)	2x 3,81 kW
Airflow (indoor)	350/500/660 m ³ /h
Sound pressure (indoor)	29,80/33,50/36 dB(A)
Max. available pressure	60 Pa
Airflow (outdoor)	3.500 m ³ /h
Sound pressure (outdoor)	60 dB(A)
Power supply	220-240 V / 1 / 50 Hz
Circuit breaker / Fuse	25 / 20 A
Power wiring (outdoor)	(2+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



OPERATING NOTE:

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

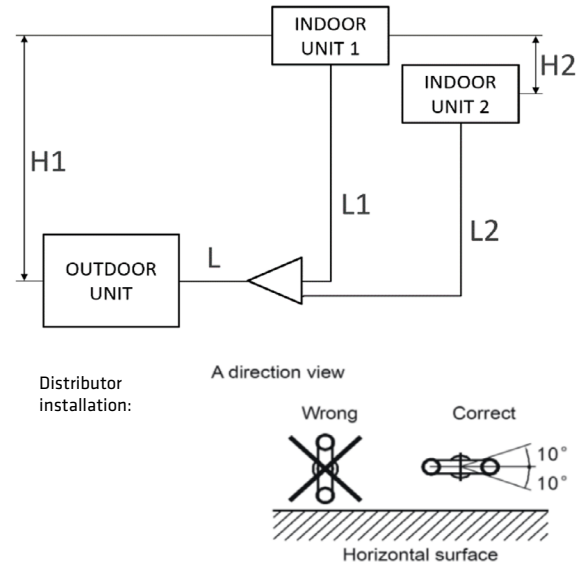
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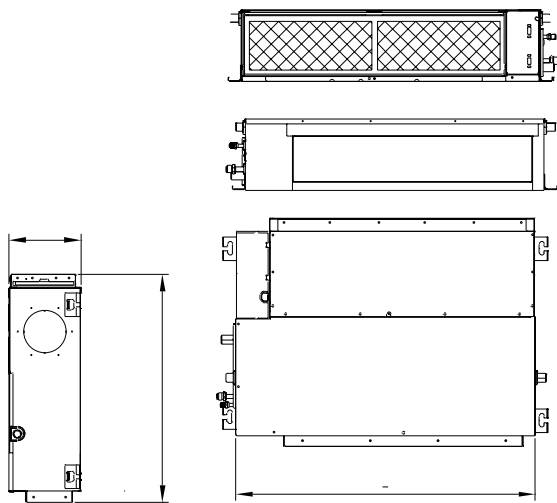
COOLING CONNECTION

Model	2x KPD-35 DR13-X / KUE-52 DVR13	
Refrigerating pipes (L)	Ø3/8" / Ø5/8"	
Refrigerating pipes (L1 & L2)	Ø1/4" / Ø3/8"	
Refrigerant charge	1,50 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	



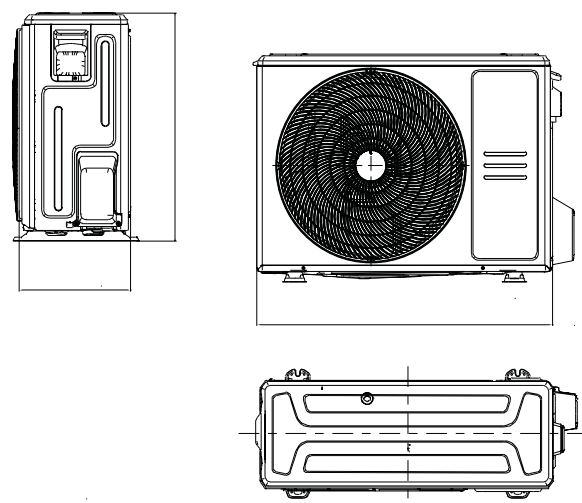
DIMENSIONS & WEIGHT INDOOR

Model	KPD-35 DR13-X
Width	700 mm
Height	200 mm
Depth	506 mm
Weight	17,80 kg



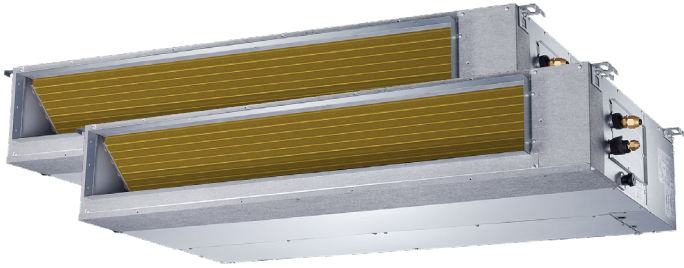
DIMENSIONS & WEIGHT OUTDOOR

Model	KUE-52 DVR13
Width	890 mm
Height	673 mm
Depth	342 mm
Weight	43,90 kg

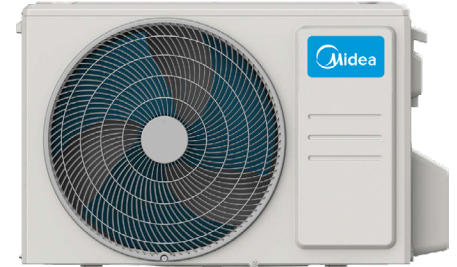


Ducts

Twins Axial Current Loop



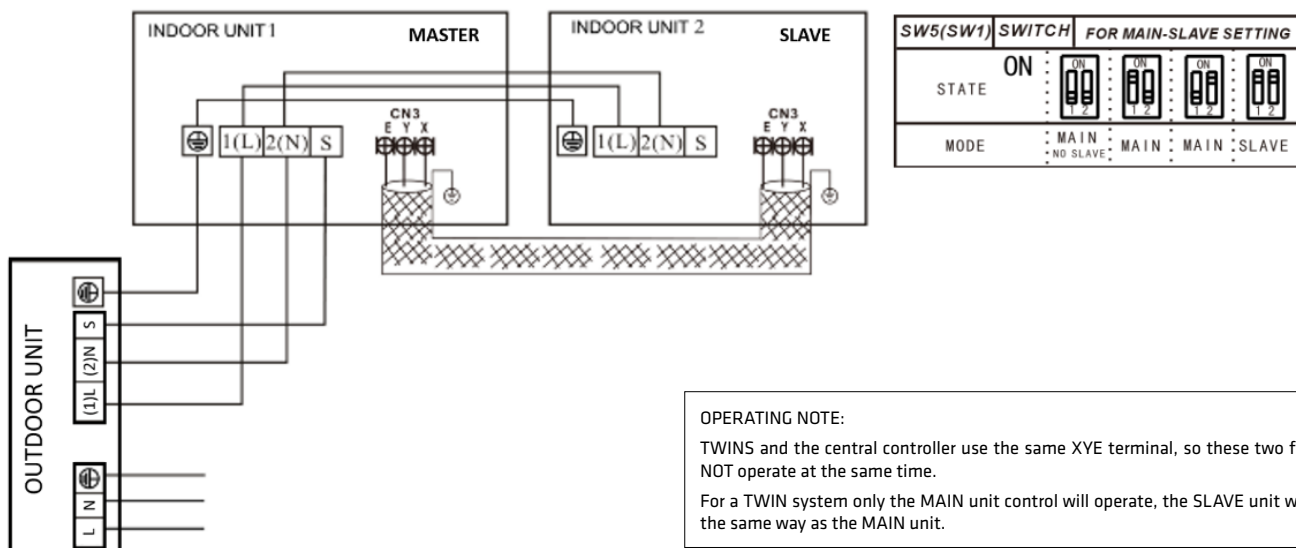
KC-03.1 SPS
Recommended
controller



FEATURES

Indoor model / Outdoor model	2x KPD-52 DR13-X / KUE-105 DVR13
Cooling capacity (indoor)	2x 5,28 kW
Heating capacity (indoor)	2x 5,57 kW
Airflow (indoor)	420/670/870 m ³ /h
Sound pressure (indoor)	26/29,80/35 dB(A)
Max. available pressure	100 Pa
Airflow (outdoor)	4.000 m ³ /h
Sound pressure (outdoor)	63 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.

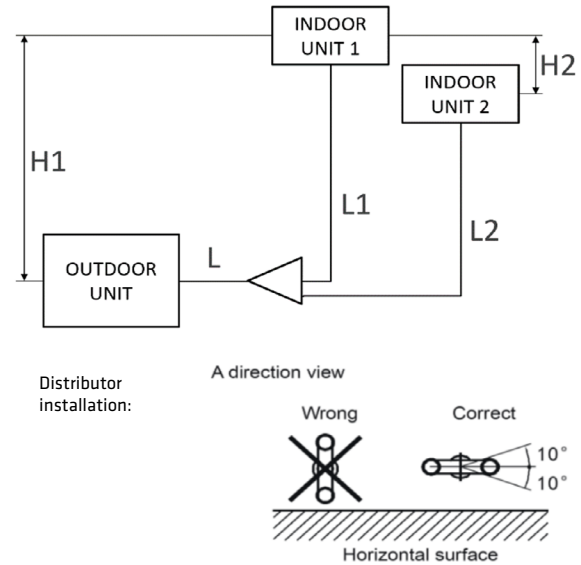
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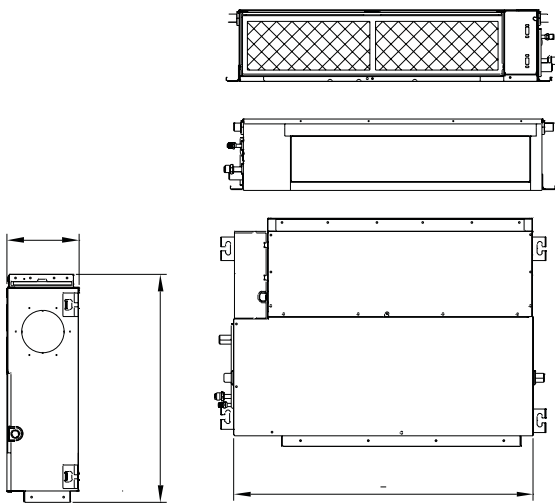
COOLING CONNECTION

Model	2x KPD-52 DR13-X / 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	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	



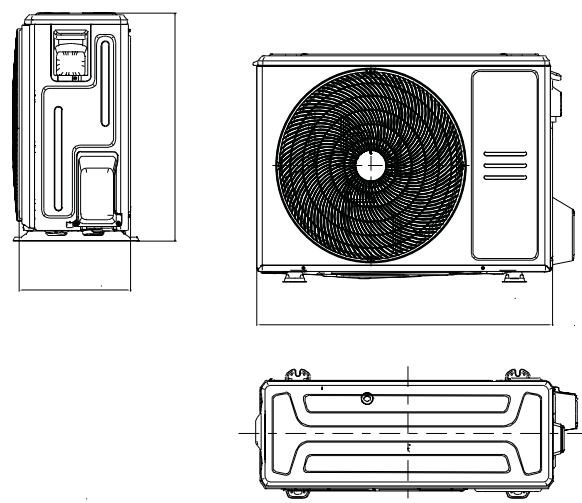
DIMENSIONS & WEIGHT INDOOR

Model	KPD-52 DR13-X
Width	880 mm
Height	210 mm
Depth	674 mm
Weight	24,40 kg



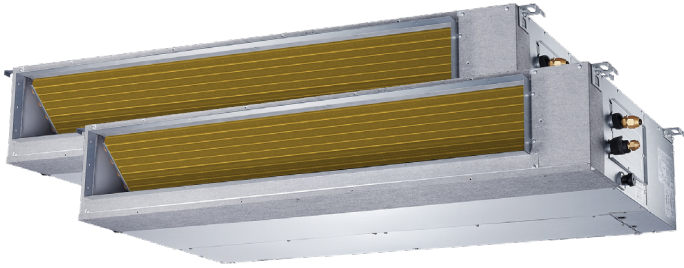
DIMENSIONS & WEIGHT OUTDOOR

Model	KUE-105 DVR13
Width	946 mm
Height	810 mm
Depth	410 mm
Weight	66,90 kg

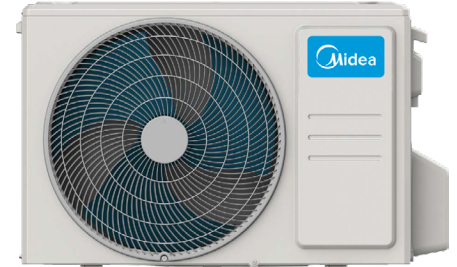


Ducts

Twins Axial Current Loop



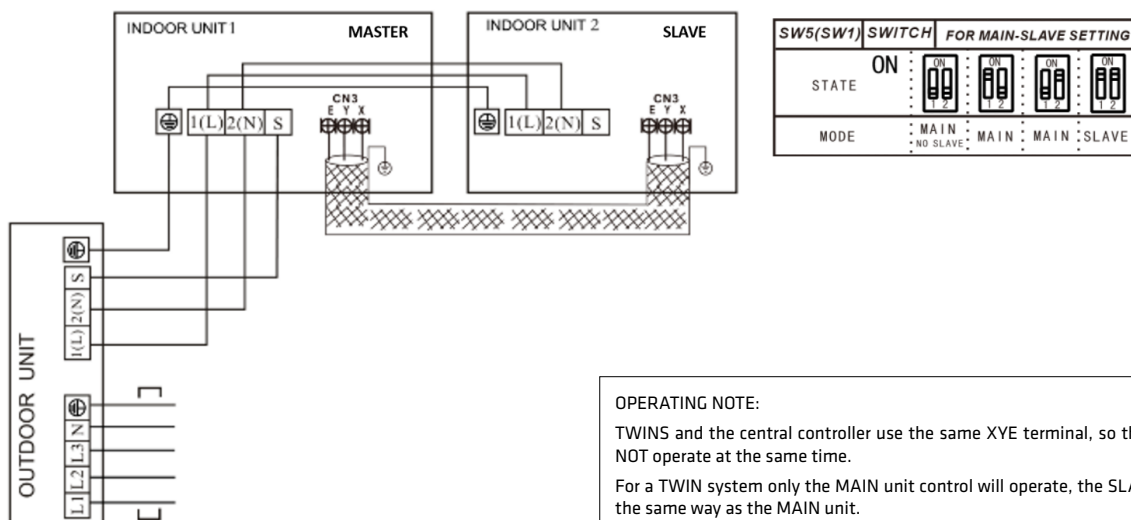
KC-03.1 SPS
Recommended
controller



FEATURES

Indoor model / Outdoor model	2x KPD-52 DR13-X / KUE-105 DTR13
Cooling capacity (indoor)	2x 5,28 kW
Heating capacity (indoor)	2x 5,57 kW
Airflow (indoor)	420/670/870 m ³ /h
Sound pressure (indoor)	26/29,80/35 dB(A)
Max. available pressure	100 Pa
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



OPERATING NOTE:

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

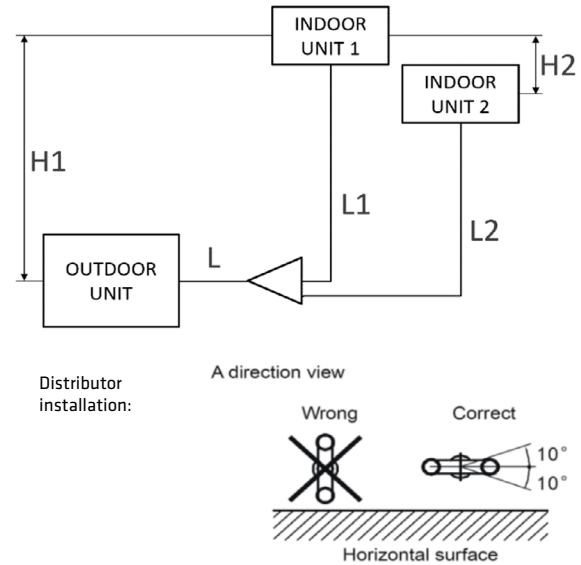
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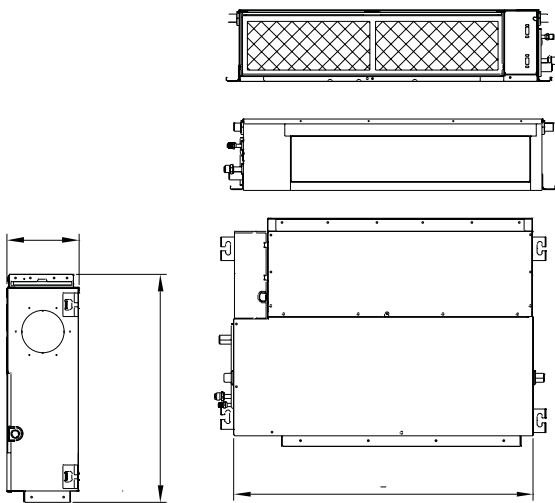
COOLING CONNECTION

Model	2x KPD-52 DR13-X / 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	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	



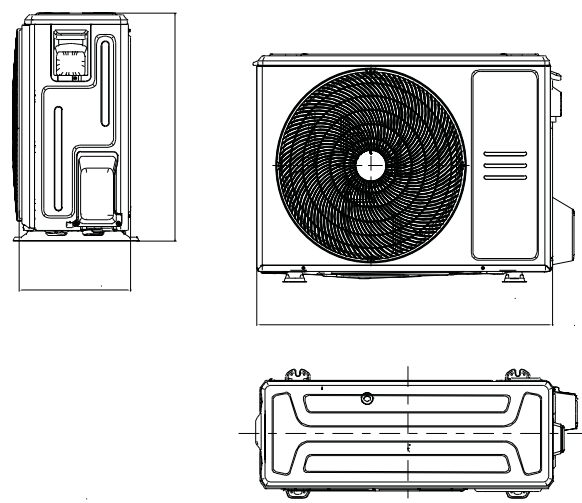
DIMENSIONS & WEIGHT INDOOR

Model	KPD-52 DR13-X
Width	880 mm
Height	210 mm
Depth	674 mm
Weight	24,40 kg



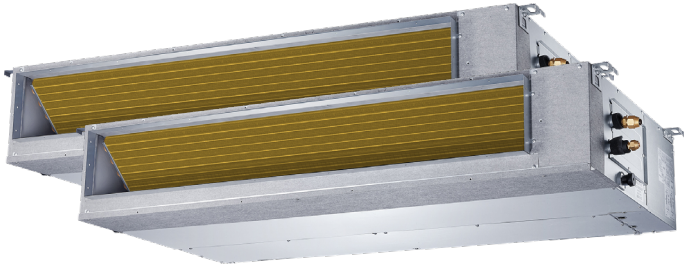
DIMENSIONS & WEIGHT OUTDOOR

Model	KUE-105 DTR13
Width	946 mm
Height	810 mm
Depth	410 mm
Weight	80,50 kg



Ducts

Twins Axial Current Loop



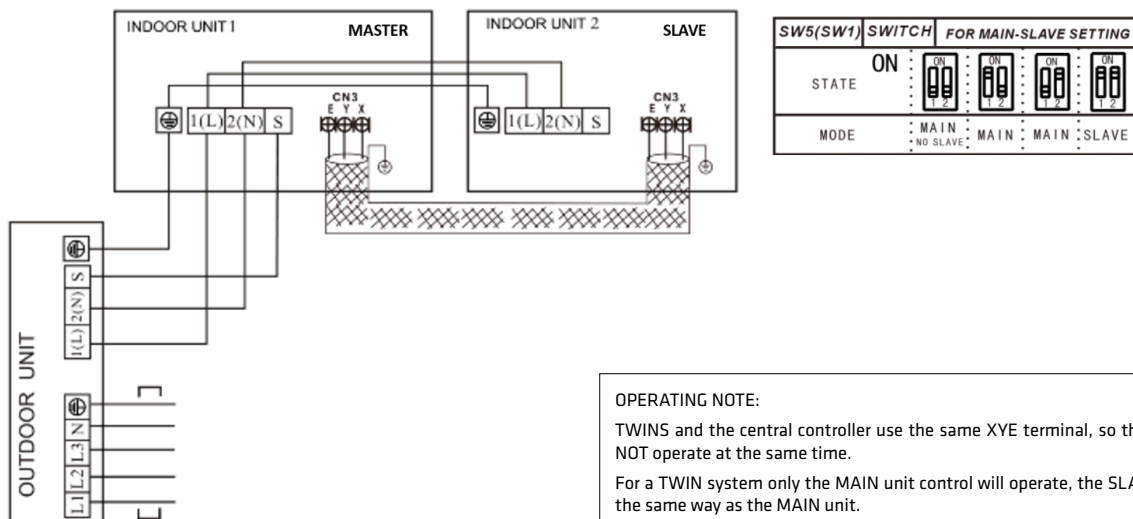
KC-03.1 SPS
Recommended
controller



FEATURES

Indoor model / Outdoor model	2x KPD-71 DR13-X / KUE-140 DTR13
Cooling capacity (indoor)	2x 7,03 kW
Heating capacity (indoor)	2x 7,62 kW
Airflow (indoor)	610/930/1.200 m ³ /h
Sound pressure (indoor)	25,50/29,10/32,80 dB(A)
Max. available pressure	160 Pa
Airflow (outdoor)	4.000 m ³ /h
Sound pressure (outdoor)	63 dB(A)
Power supply	380-415 V / 3 / 50 Hz
Circuit breaker / Fuse	32 / 25 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



OPERATING NOTE:

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

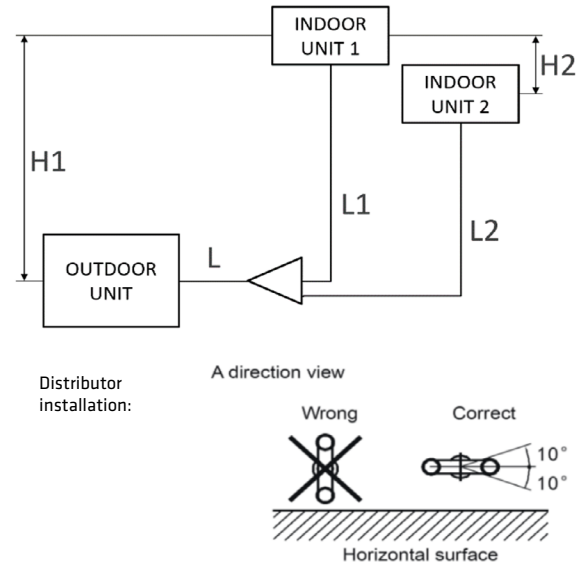
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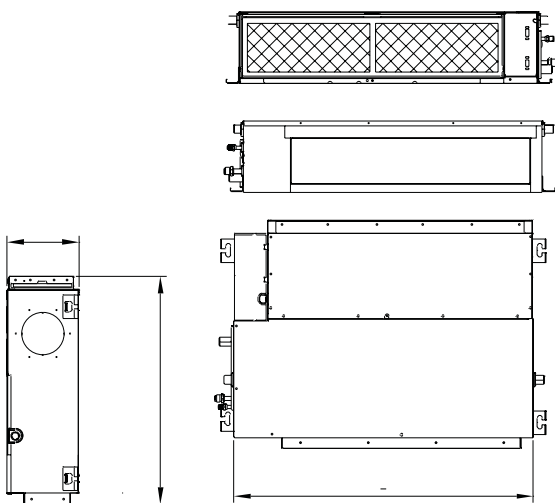
COOLING CONNECTION

Model	2x KPD-71 DR13-X / 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	



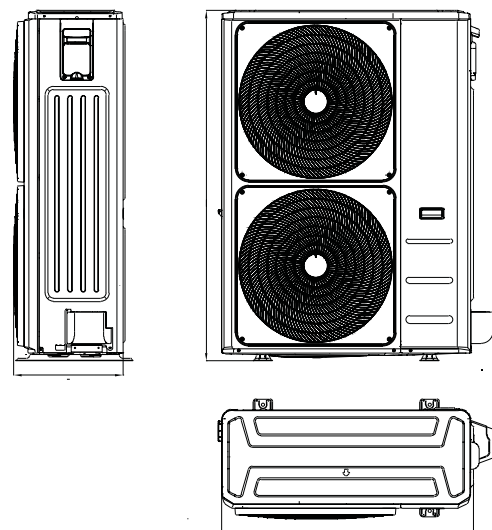
DIMENSIONS & WEIGHT INDOOR

Model	KPD-71 DR13-X
Width	1.100 mm
Height	249 mm
Depth	774 mm
Weight	32,30 kg



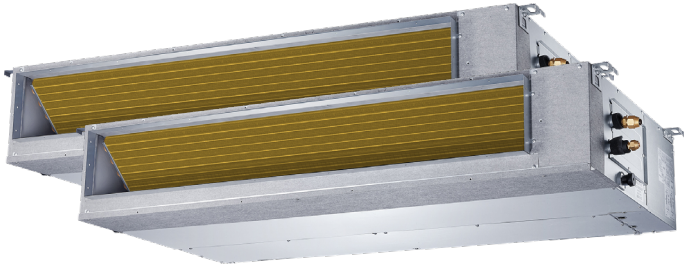
DIMENSIONS & WEIGHT OUTDOOR

Model	KUE-140 DTR13
Width	946 mm
Height	810 mm
Depth	410 mm
Weight	80,50 kg



Ducts

Twins Axial Current Loop



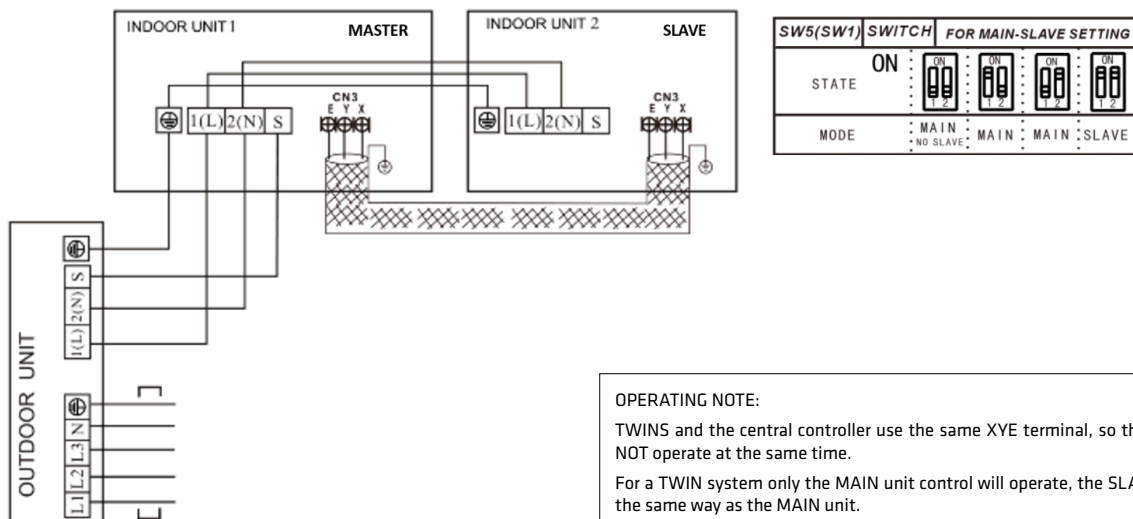
KC-03.1 SPS
Recommended
controller



FEATURES

Indoor model / Outdoor model	2x KPD-90 DR13-X / KUE-160 DTR13
Cooling capacity (indoor)	2x 8,79 kW
Heating capacity (indoor)	2x 9,38 kW
Airflow (indoor)	1.560/1.780/2.060 m ³ /h
Sound pressure (indoor)	34,30/36,70/39,20 dB(A)
Max. available pressure	160 Pa
Airflow (outdoor)	7.500 m ³ /h
Sound pressure (outdoor)	64 dB(A)
Power supply	380-415 V / 3 / 50 Hz
Circuit breaker / Fuse	32 / 25 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



OPERATING NOTE:

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

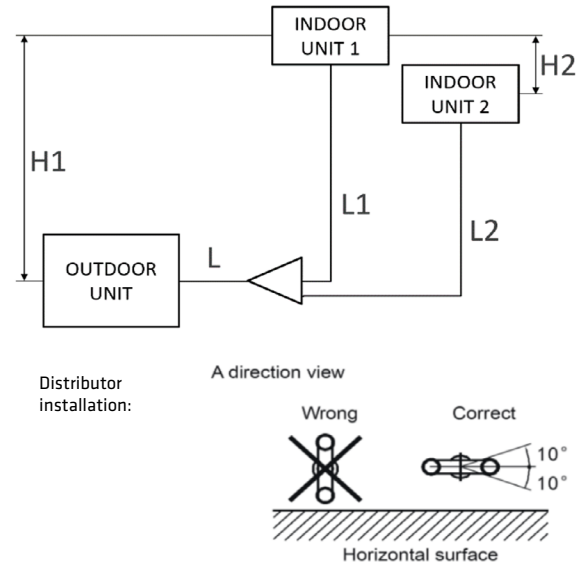
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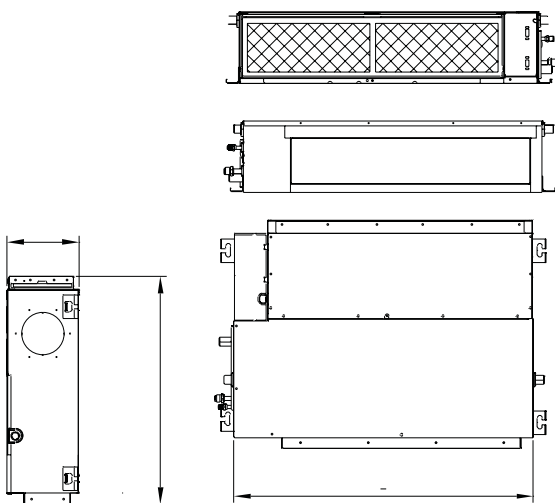
COOLING CONNECTION

Model	2x KCPD-90 DR13-X / KUE-160 DTR13	
Refrigerating pipes (L)	Ø3/8" / Ø5/8"	
Refrigerating pipes (L1 & L2)	Ø3/8" / Ø5/8"	
Refrigerant charge	3 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	



DIMENSIONS & WEIGHT INDOOR

Model	KPD-90 DR13-X
Width	1.260 mm
Height	249 mm
Depth	774 mm
Weight	40,50 kg



DIMENSIONS & WEIGHT OUTDOOR

Model	KUE-160 DTR13
Width	952 mm
Height	1.333 mm
Depth	415 mm
Weight	107 kg

