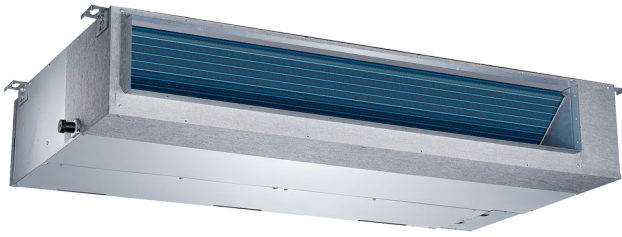
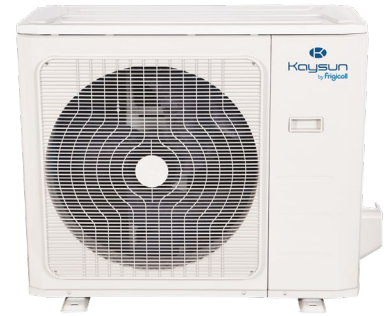


# Ducts

# PRODUCT SHEET



KC-03.2 SPS  
Recommended controller



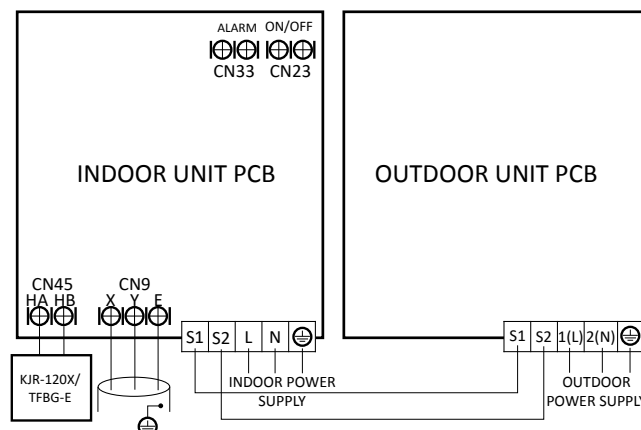
Product certified by:



## FEATURES

Model	KPD-35 DVR12
Cooling capacity	3,51 kW
Cooling power input	950 W
Heating capacity	4,10 kW
Heating power input	1.100 W
ErP Classification cold/heat	A++ / A+
Airflow (indoor)	305/500/660 m <sup>3</sup> /h
Max. static pressure	60 Pa
Sound pressure (indoor)	29,80/33,50/36 dB(A)
Airflow (outdoor)	2.000 m <sup>3</sup> /h
Sound pressure (outdoor)	55,50 dB(A)
Power supply	220-240 V / 1 ph / 50 Hz
Max. input	10 A
Power wiring (indoor)	With communication
Power wiring (outdoor)	(2+T)x2,50 mm <sup>2</sup>
Communication wiring	(4+T)x2,50 mm <sup>2</sup>
Com. bus shielded	3x1,50 mm <sup>2</sup>

## WIRING DIAGRAM



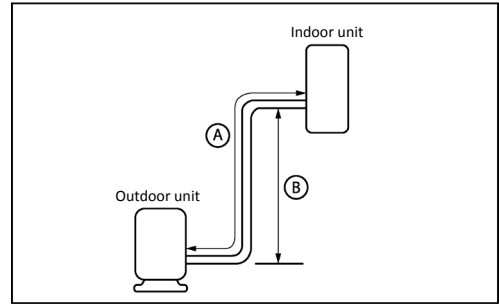
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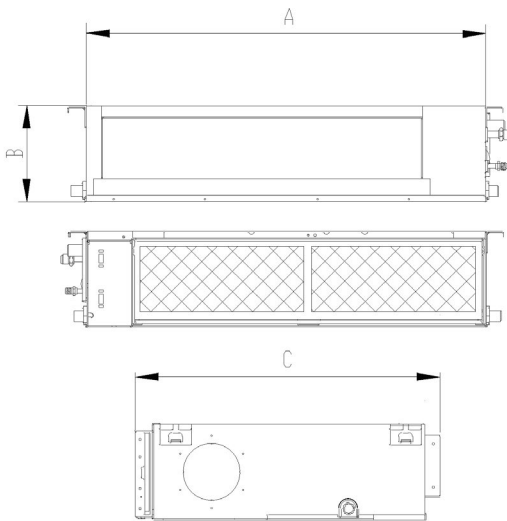
## COOLING CONNECTION

Model	KPD-35 DVR12	
Refrigerating pipes	Ø1/4" / Ø3/8"	
Refrigerant charge / Additional charge	0,87 kg / 0,012 kg	
Indoor drain pipe	Ø25 mm	
Max. pipe length (A)	25 m	
Max. level difference (B)	10 m	



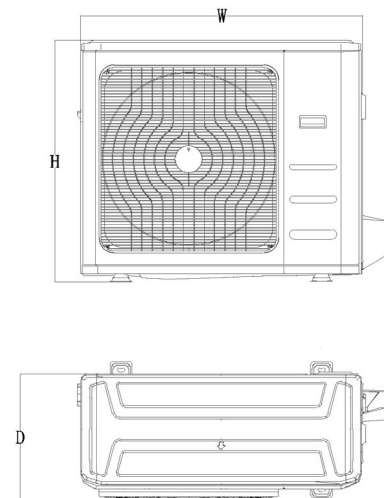
## DIMENSIONS & WEIGHT INDOOR

Model	KPD-35 DR12.1
A	700 mm
B	200 mm
C	450 mm
Weight	18 kg

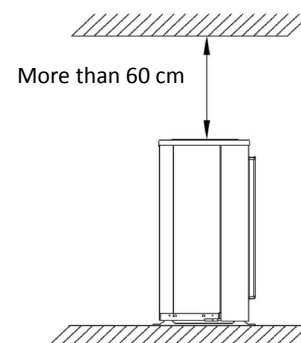
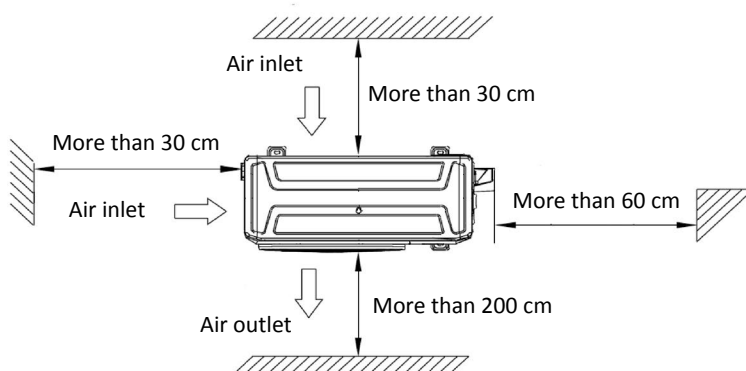


## DIMENSIONS & WEIGHT OUTDOOR

Model	KUE-35 DVR12
W	800 mm
H	554 mm
D	333 mm
Weight	34,70 kg



## INSTALLATION



# Ducts

# PRODUCT SHEET



KC-03.2 SPS  
Recommended controller



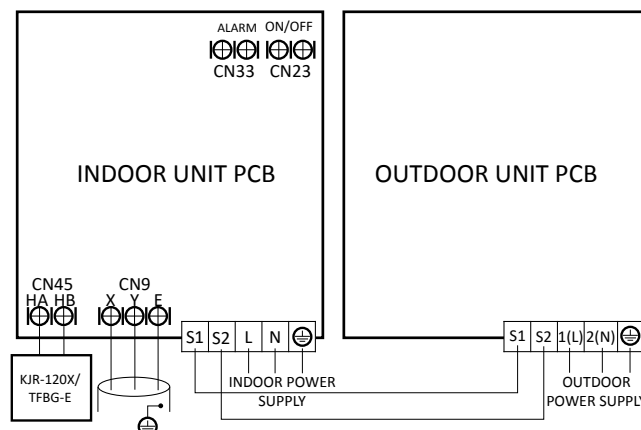
Product certified by:



## FEATURES

Model	KPD-52 DVR12
Cooling capacity	5,27 kW
Cooling power input	1.633 W
Heating capacity	5,86 kW
Heating power input	1.580 W
ErP Classification cold/heat	A++ / A+
Airflow (indoor)	420/670/870 m <sup>3</sup> /h
Max. static pressure	100 Pa
Sound pressure (indoor)	26/29,80/35 dB(A)
Airflow (outdoor)	2.000 m <sup>3</sup> /h
Sound pressure (outdoor)	55,50 dB(A)
Power supply	220-240 V / 1 ph / 50 Hz
Max. input	13,50 A
Power wiring (indoor)	With communication
Power wiring (outdoor)	(2+T)x2,50 mm <sup>2</sup>
Communication wiring	(3+T)x2,50 mm <sup>2</sup>
Com. bus shielded	3x1,50 mm <sup>2</sup>

## WIRING DIAGRAM



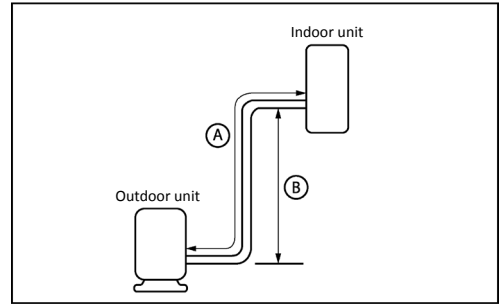
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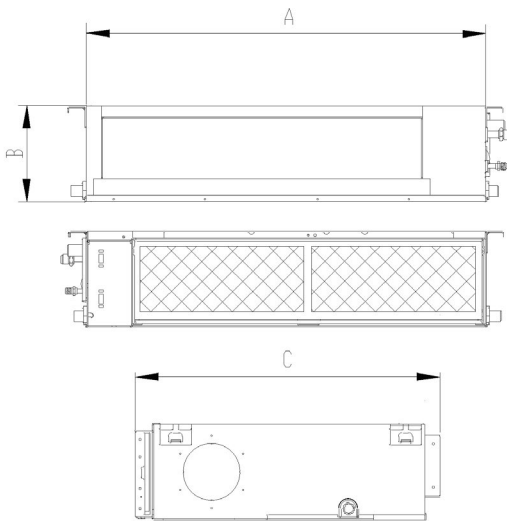
## COOLING CONNECTION

Model	KPD-52 DVR12	
Refrigerating pipes	Ø1/4" / Ø1/2"	
Refrigerant charge / Additional charge	1,15 kg / 0,012 kg	
Indoor drain pipe	Ø25 mm	
Max. pipe length (A)	30 m	
Max. level difference (B)	20 m	



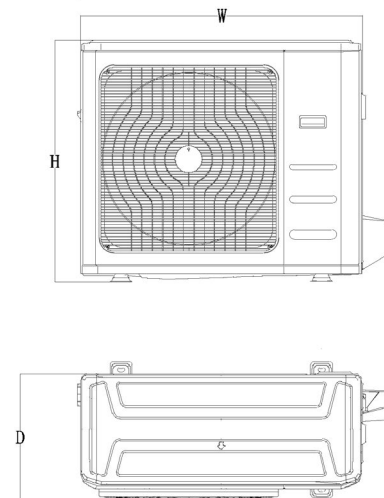
## DIMENSIONS & WEIGHT INDOOR

Model	KPD-52 DR12.1
A	880 mm
B	210 mm
C	674 mm
Weight	24,30 kg

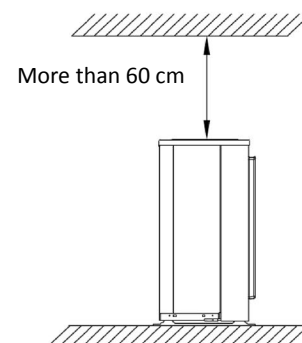
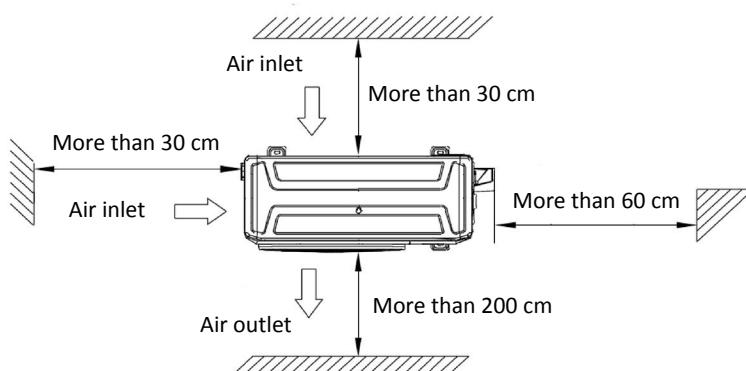


## DIMENSIONS & WEIGHT OUTDOOR

Model	KUE-52 DVR12
W	800 mm
H	554 mm
D	333 mm
Weight	33,70 kg

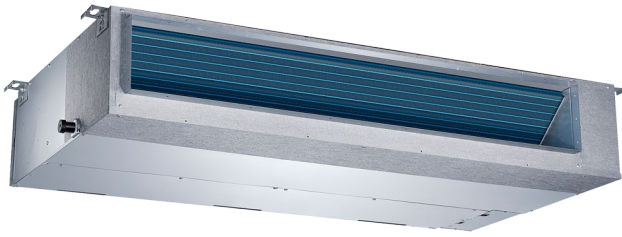


## INSTALLATION



# Ducts

# PRODUCT SHEET



KC-03.2 SPS  
Recommended controller



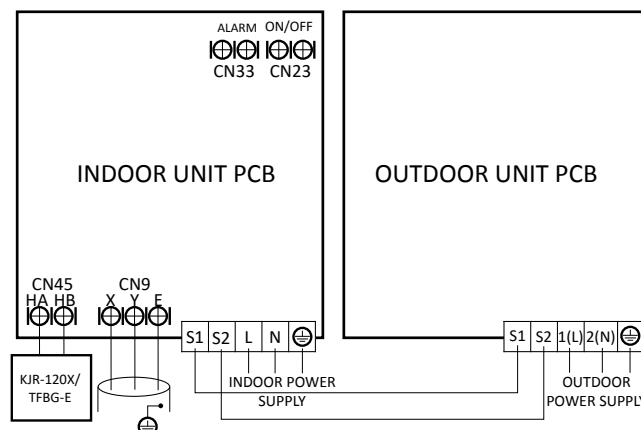
Product certified by:



## FEATURES

Model	KPD-71 DVR11
Cooling capacity	7,03 kW
Cooling power input	2.190 W
Heating capacity	7,62 kW
Heating power input	2.050 W
ErP Classification cold/heat	A++ / A+
Airflow (indoor)	610/930/1.200 m <sup>3</sup> /h
Max. static pressure	160 Pa
Sound pressure (indoor)	25,50/29,10/32,80 dB(A)
Airflow (outdoor)	2.700 m <sup>3</sup> /h
Sound pressure (outdoor)	62 dB(A)
Power supply	220-240 V / 1 / 50 Hz
Max. input	13,50 A
Power wiring (indoor)	(2+T)x2,50 mm <sup>2</sup>
Power wiring (outdoor)	(2+T)x2,50 mm <sup>2</sup>
Communication wiring	2x1,50 mm <sup>2</sup>
Com. bus shielded	3x1,50 mm <sup>2</sup>

## WIRING DIAGRAM



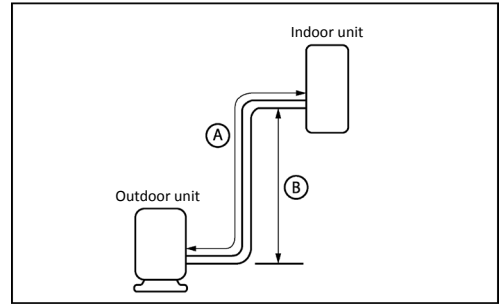
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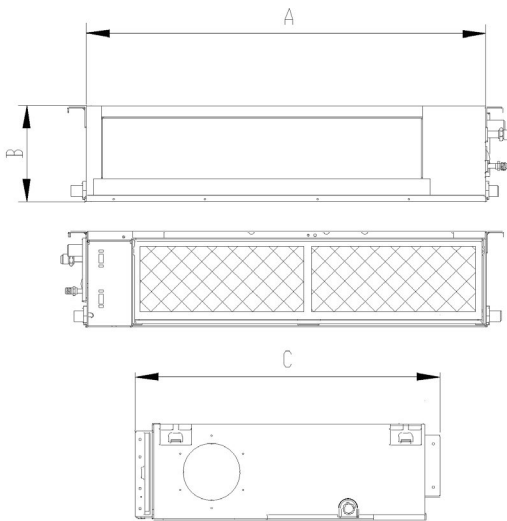
## COOLING CONNECTION

Model	KPD-71 DVR11
Refrigerating pipes	Ø3/8" / Ø5/8"
Refrigerant charge / Additional charge	1,50 kg / 0,024 kg
Indoor drain pipe	Ø25 mm
Max. pipe length (A)	50 m
Max. level difference (B)	25 m



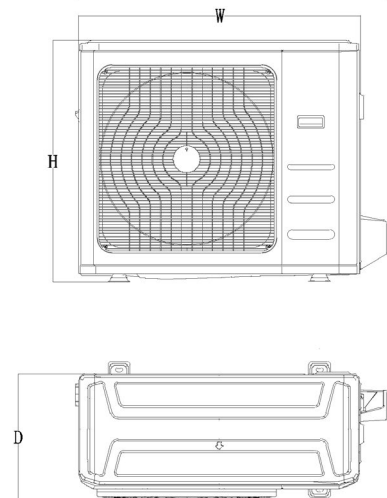
## DIMENSIONS & WEIGHT INDOOR

Model	KPD-71 DR11.1
A	1.100 mm
B	249 mm
C	774 mm
Weight	31,50 kg

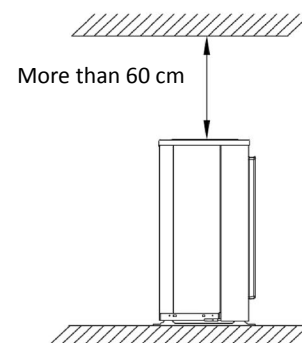
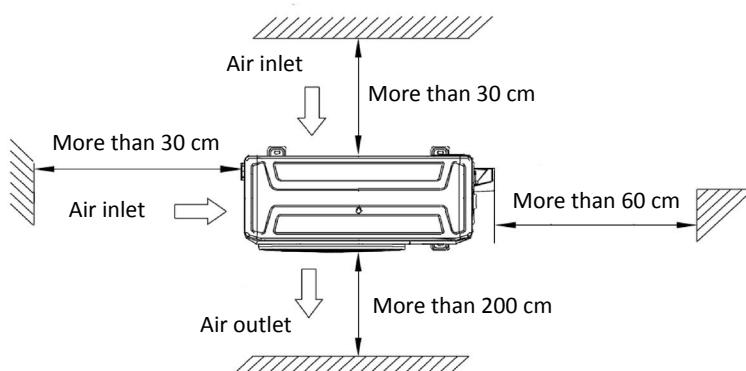


## DIMENSIONS & WEIGHT OUTDOOR

Model	KUE-71 DVR11
W	845 mm
H	702 mm
D	363 mm
Weight	66,80 kg

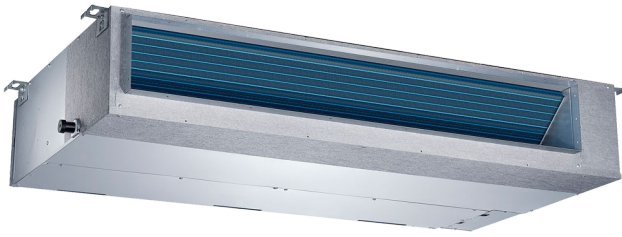


## INSTALLATION



# Ducts

# PRODUCT SHEET



KC-03.2 SPS  
Recommended controller



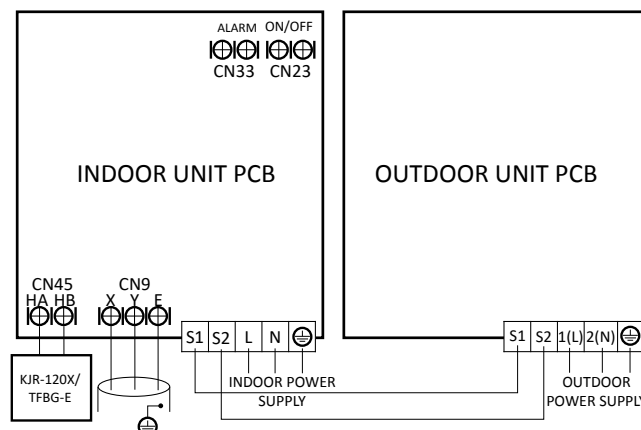
Product certified by:



## FEATURES

Model	KPD-90 DVR12
Cooling capacity	8,79 kW
Cooling power input	2.600 W
Heating capacity	9,37 kW
Heating power input	2.300 W
ErP Classification cold/heat	A++ / A+
Airflow (indoor)	1.560/1.780/2.060 m <sup>3</sup> /h
Max. static pressure	160 Pa
Sound pressure (indoor)	34,30/36,70/39,20 dB(A)
Airflow (outdoor)	3.800 m <sup>3</sup> /h
Sound pressure (outdoor)	56,90 dB(A)
Power supply	220-240 V / 1 ph / 50 Hz
Max. input	16,50 A
Power wiring (indoor)	(2+T)x2,50 mm <sup>2</sup>
Power wiring (outdoor)	(2+T)x4 mm <sup>2</sup>
Communication wiring	2x1,50 mm <sup>2</sup>
Com. bus shielded	3x1,50 mm <sup>2</sup>

## WIRING DIAGRAM



NOTES:

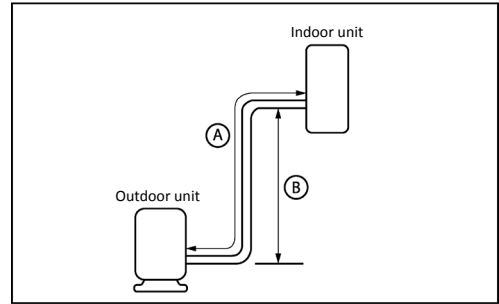
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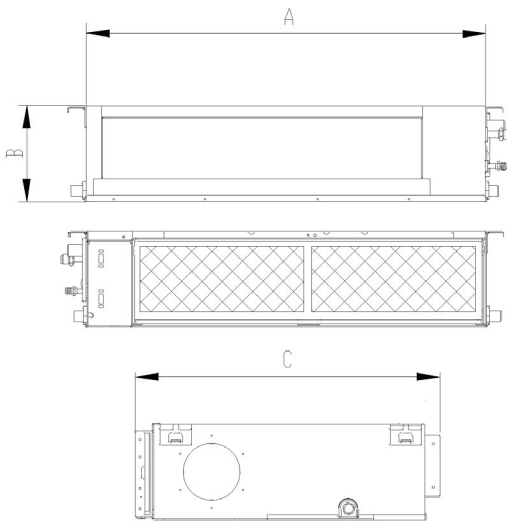
## COOLING CONNECTION

Model	KPD-90 DVR12	
Refrigerating pipes	Ø3/8" / Ø5/8"	
Refrigerant charge / Additional charge	2 kg / 0,024 kg	
Indoor drain pipe	Ø25 mm	
Max. pipe length (A)	50 m	
Max. level difference (B)	25 m	



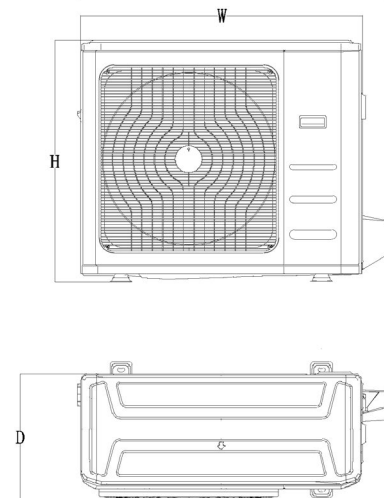
## DIMENSIONS & WEIGHT INDOOR

Model	KPD-90 DR12.1
A	1.360 mm
B	249 mm
C	774 mm
Weight	46,30 kg

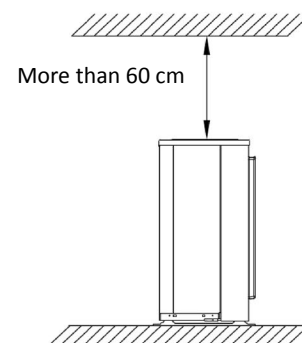
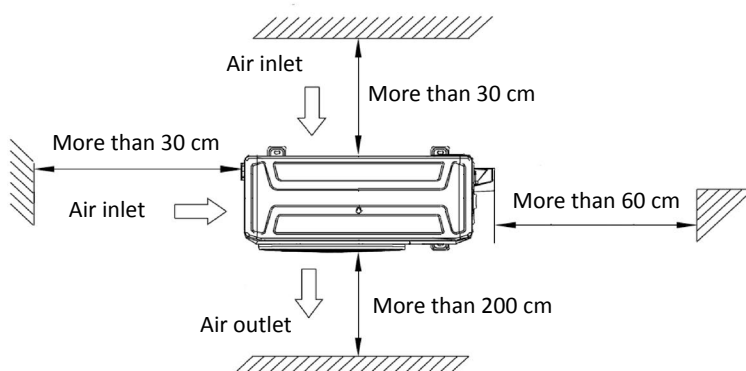


## DIMENSIONS & WEIGHT OUTDOOR

Model	KUE-90 DVR12
W	946 mm
H	810 mm
D	410 mm
Weight	56,90 kg



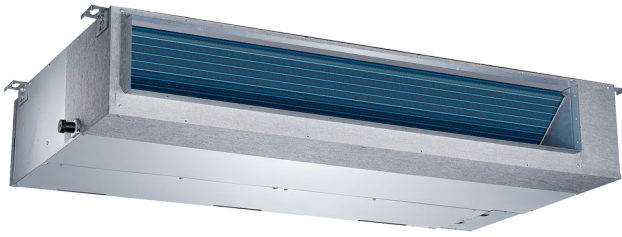
## INSTALLATION



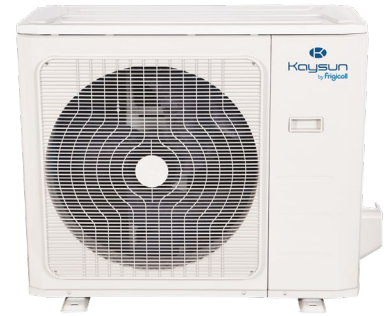


# Ducts

# PRODUCT SHEET



KC-03.2 SPS  
Recommended controller



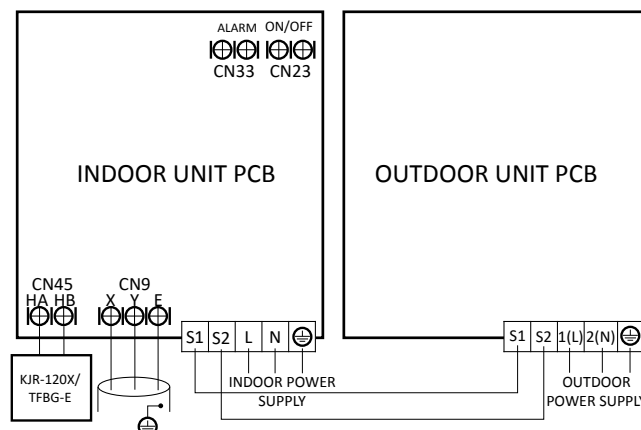
Product certified by:



## FEATURES

Model	KPD-105 DVR11
Cooling capacity	10,55 kW
Cooling power input	3.750 W
Heating capacity	11,14 kW
Heating power input	2.960 W
ErP Classification cold/heat	A++ / A+
Airflow (indoor)	1.560/1.780/2.060 m <sup>3</sup> /h
Max. static pressure	160 Pa
Sound pressure (indoor)	35,40/37,70/40,30 dB(A)
Airflow (outdoor)	4.000 m <sup>3</sup> /h
Sound pressure (outdoor)	65 dB(A)
Power supply	220-240 V / 1 ph / 50 Hz
Max. input	21,50 A
Power wiring (indoor)	(2+T)x2,50 mm <sup>2</sup>
Power wiring (outdoor)	(2+T)x4 mm <sup>2</sup>
Communication wiring	2x1,50 mm <sup>2</sup>
Com. bus shielded	3x1,50 mm <sup>2</sup>

## WIRING DIAGRAM

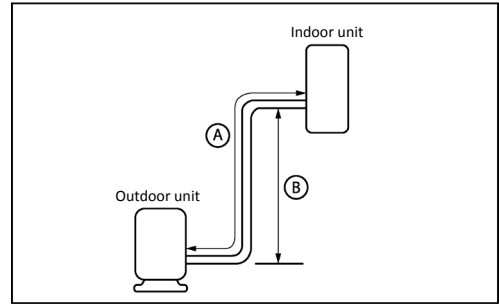


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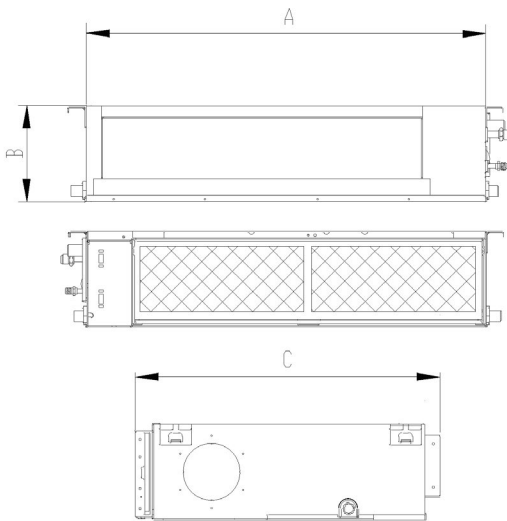
## COOLING CONNECTION

Model	KPD-105 DVR11	
Refrigerating pipes	Ø3/8" / Ø5/8"	
Refrigerant charge / Additional charge	2,40 kg / 0,024 kg	
Indoor drain pipe	Ø25 mm	
Max. pipe length (A)	65 m	
Max. level difference (B)	30 m	



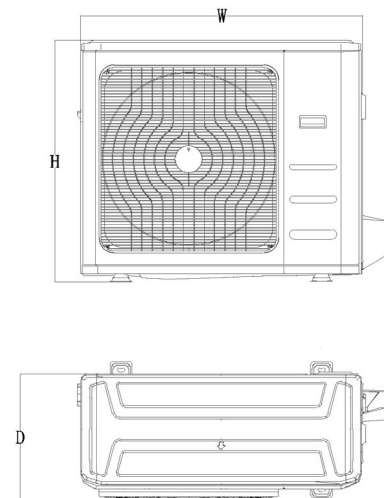
## DIMENSIONS & WEIGHT INDOOR

Model	KPD-105 DR11.1
A	1.360 mm
B	249 mm
C	774 mm
Weight	40,50 kg

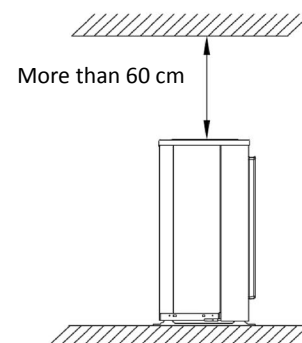
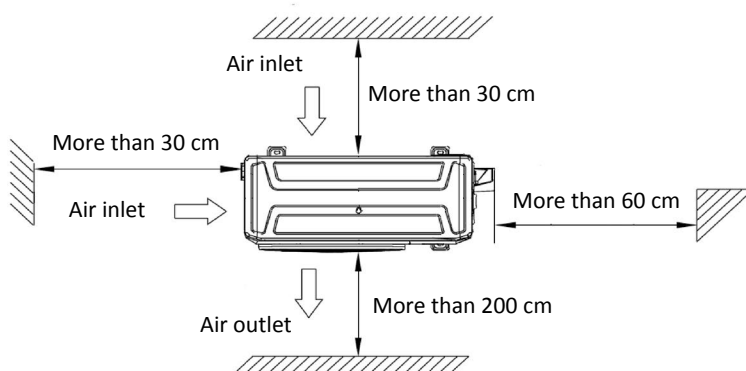


## DIMENSIONS & WEIGHT OUTDOOR

Model	KUE-105 DVR11
W	946 mm
H	810 mm
D	410 mm
Weight	66,80 kg



## INSTALLATION



# Ducts

# PRODUCT SHEET



KC-03.2 SPS  
Recommended controller



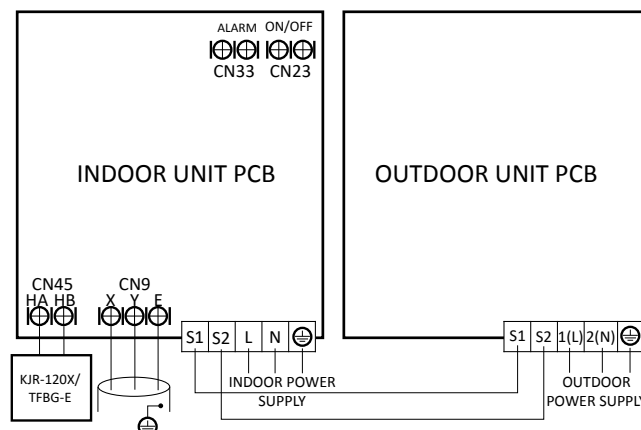
Product certified by:



## FEATURES

Model	KPD-105 DTR11
Cooling capacity	10,55 kW
Cooling power input	3.950 W
Heating capacity	11,14 kW
Heating power input	3.000 W
ErP Classification cold/heat	A++ / A+
Airflow (indoor)	1.560/1.780/2.060 m <sup>3</sup> /h
Max. static pressure	160 Pa
Sound pressure (indoor)	35,40/37,70/40,30 dB(A)
Airflow (outdoor)	4.000 m <sup>3</sup> /h
Sound pressure (outdoor)	64 dB(A)
Power supply	380-415 V / 3 ph / 50 Hz
Max. input	10 A
Power wiring (indoor)	(2+T)x2,50 mm <sup>2</sup>
Power wiring (outdoor)	(4+T)x2,50 mm <sup>2</sup>
Communication wiring	2x1,50 mm <sup>2</sup>
Com. bus shielded	3x1,50 mm <sup>2</sup>

## WIRING DIAGRAM



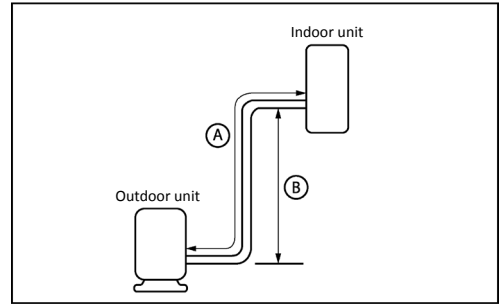
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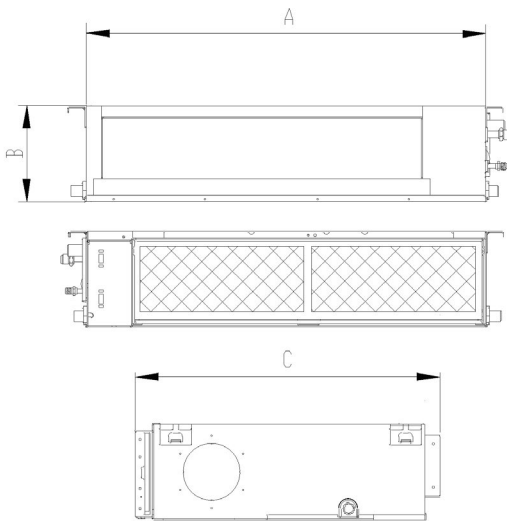
## COOLING CONNECTION

Model	KPD-105 DTR11	
Refrigerating pipes	Ø3/8" / Ø5/8"	
Refrigerant charge / Additional charge	2,40 kg / 0,024 kg	
Indoor drain pipe	Ø25 mm	
Max. pipe length (A)	65 m	
Max. level difference (B)	30 m	



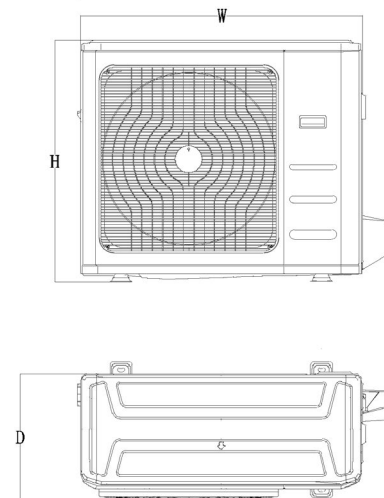
## DIMENSIONS & WEIGHT INDOOR

Model	KPD-105 DR11.1
A	1.360 mm
B	249 mm
C	774 mm
Weight	40,50 kg

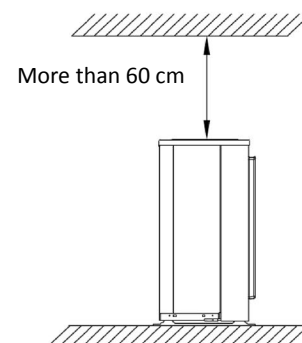
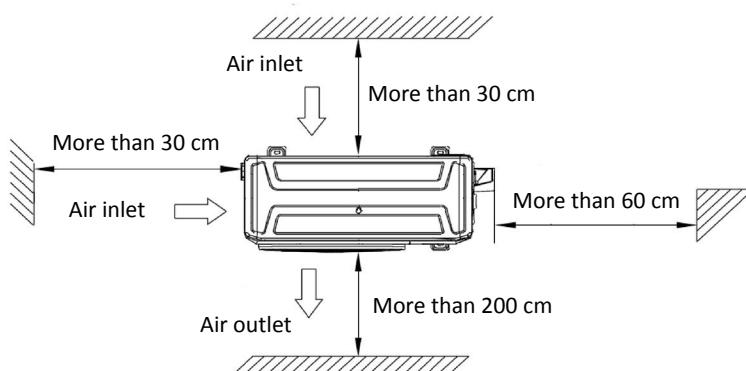


## DIMENSIONS & WEIGHT OUTDOOR

Model	KUE-105 DTR11
W	946 mm
H	810 mm
D	410 mm
Weight	81,50 kg

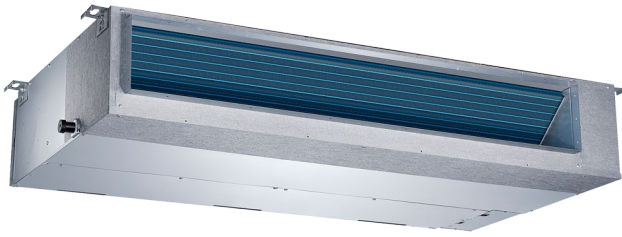


## INSTALLATION



# Ducts

# PRODUCT SHEET



KC-03.2 SPS  
Recommended controller



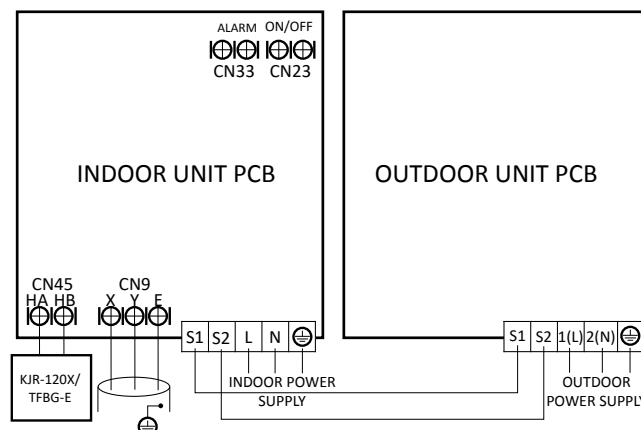
Product certified by:



## FEATURES

Model	KPD-125 DVR12
Cooling capacity	12,30 kW
Cooling power input	3.653 W
Heating capacity	13,48 kW
Heating power input	3.680 W
ErP Classification cold/heat	A++ / A+
Airflow (indoor)	2.120/2.350/2.600 m <sup>3</sup> /h
Max. static pressure	160 Pa
Sound pressure (indoor)	35,40/38,30/41,80 dB(A)
Airflow (outdoor)	4.000 m <sup>3</sup> /h
Sound pressure (outdoor)	65 dB(A)
Power supply	220-240 V / 1 ph / 50 Hz
Max. input	22,50 A
Power wiring (indoor)	(2+T)x2,50 mm <sup>2</sup>
Power wiring (outdoor)	(2+T)x4 mm <sup>2</sup>
Communication wiring	2x1,50 mm <sup>2</sup>
Com. bus shielded	3x1,50 mm <sup>2</sup>

## WIRING DIAGRAM



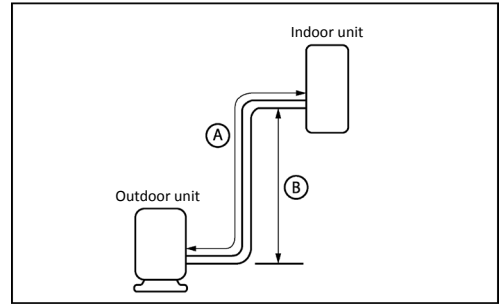
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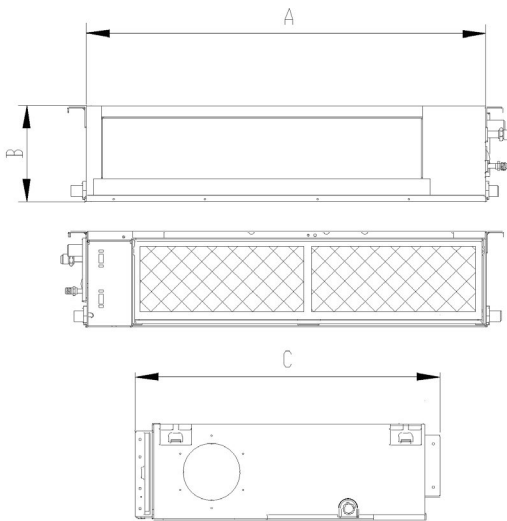
## COOLING CONNECTION

Model	KPD-125 DVR12	
Refrigerating pipes	Ø3/8" / Ø5/8"	
Refrigerant charge / Additional charge	2,80 kg / 0,024 kg	
Indoor drain pipe	Ø25 mm	
Max. pipe length (A)	65 m	
Max. level difference (B)	30 m	



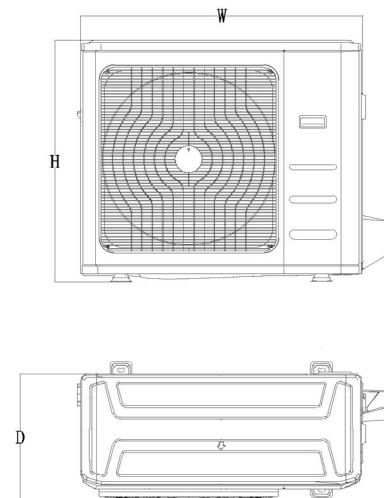
## DIMENSIONS & WEIGHT INDOOR

Model	KPD-125 DR12.1
A	1.200 mm
B	300 mm
C	874 mm
Weight	52,80 kg

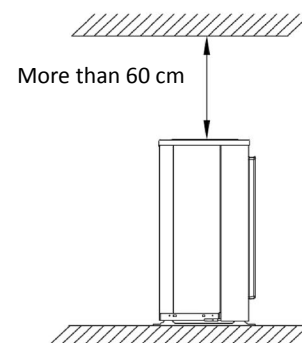
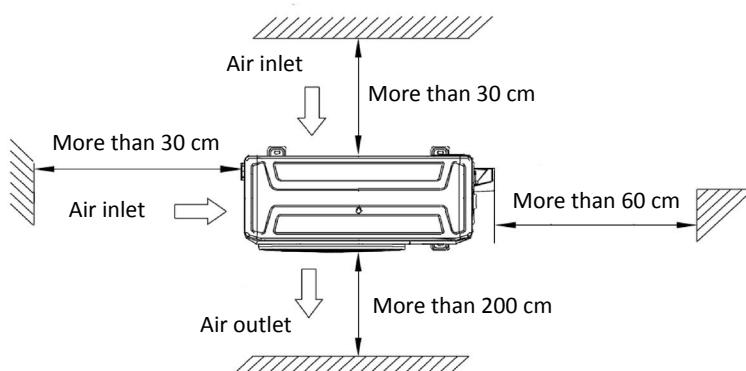


## DIMENSIONS & WEIGHT OUTDOOR

Model	KUE-125 DVR12
W	946 mm
H	810 mm
D	410 mm
Weight	73,90 kg

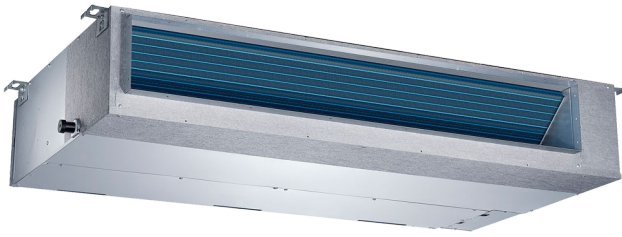


## INSTALLATION



# Ducts

# PRODUCT SHEET



KC-03.2 SPS  
Recommended controller



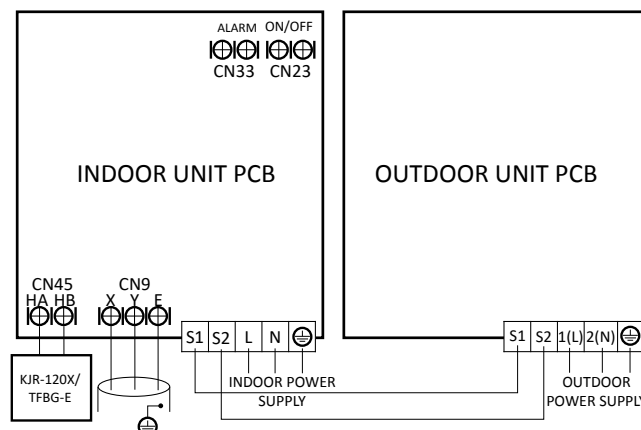
Product certified by:



## FEATURES

Model	KPD-140 DTR11
Cooling capacity	14 kW
Cooling power input	5.150 W
Heating capacity	16,10 kW
Heating power input	4.280 W
ErP Classification cold/heat	A++ / A+
Airflow (indoor)	2.120/2.350/2.600 m <sup>3</sup> /h
Max. static pressure	160 Pa
Sound pressure (indoor)	35,40/38,30/41,80 dB(A)
Airflow (outdoor)	7.500 m <sup>3</sup> /h
Sound pressure (outdoor)	66 dB(A)
Power supply	380-415 V / 3 ph / 50 Hz
Max. input	11,20 A
Power wiring (indoor)	(2+T)x2,50 mm <sup>2</sup>
Power wiring (outdoor)	(4+T)x4 mm <sup>2</sup>
Communication wiring	2x1,50 mm <sup>2</sup>
Com. bus shielded	3x1,50 mm <sup>2</sup>

## WIRING DIAGRAM



NOTES:

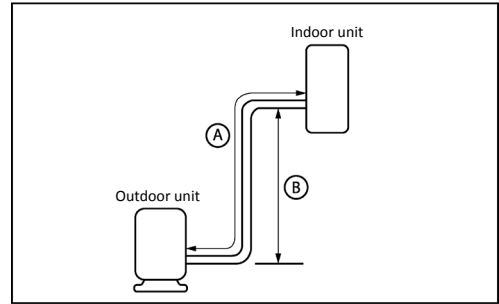
(1) The data and specifications present in this sheet may vary without notice.

(2) The images on this sheet are indicative and may be different from the final machine.



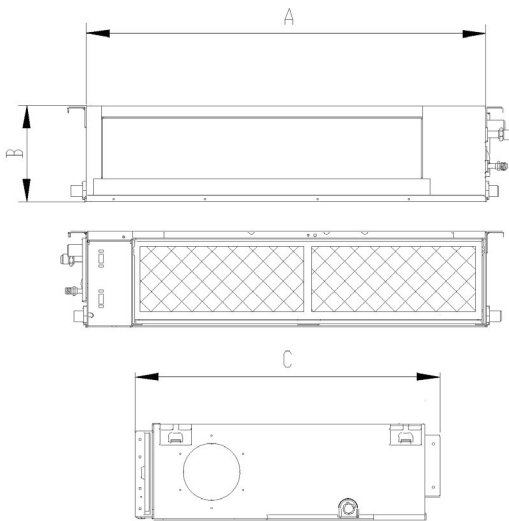
## COOLING CONNECTION

Model	KPD-140 DTR11
Refrigerating pipes	Ø3/8" / Ø5/8"
Refrigerant charge / Additional charge	2,80 kg / 0,024 kg
Indoor drain pipe	Ø25 mm
Max. pipe length (A)	65 m
Max. level difference (B)	30 m



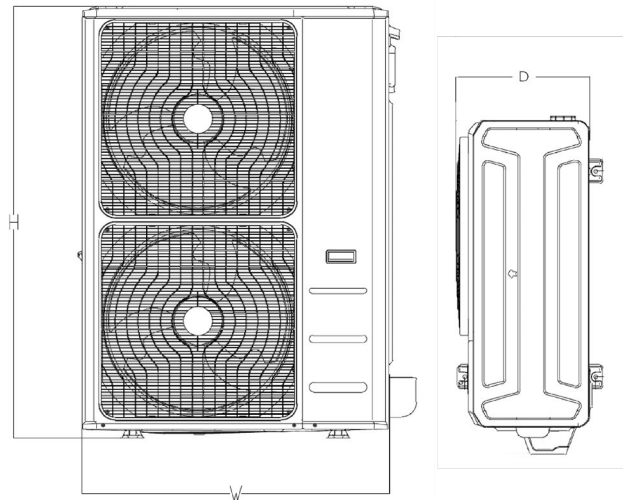
## DIMENSIONS & WEIGHT INDOOR

Model	KPD-140 DR11.1
A	1.200 mm
B	300 mm
C	874 mm
Weight	47,60 kg

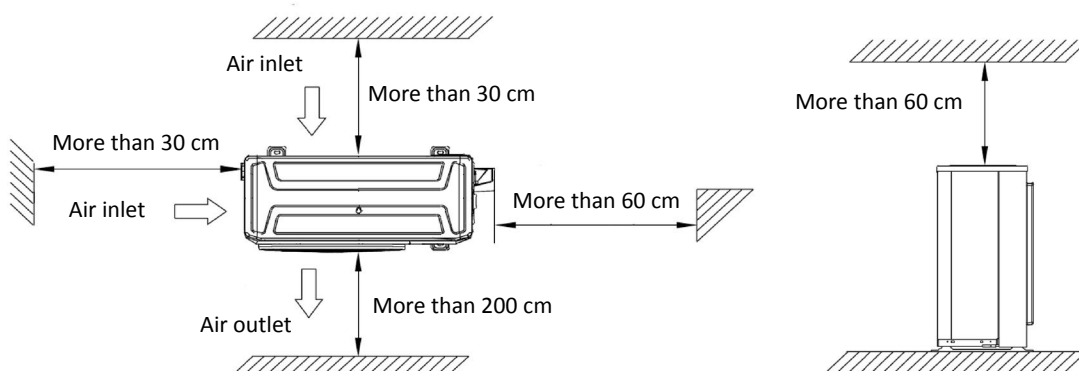


## DIMENSIONS & WEIGHT OUTDOOR

Model	KUE-140 DTR11
W	952 mm
H	1.333 mm
D	415 mm
Weight	106,70 kg

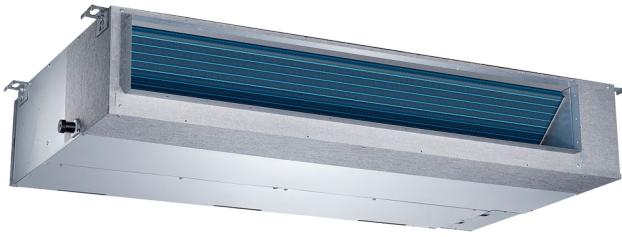


## INSTALLATION



# Ducts

# PRODUCT SHEET



KC-03.2 SPS  
Recommended controller



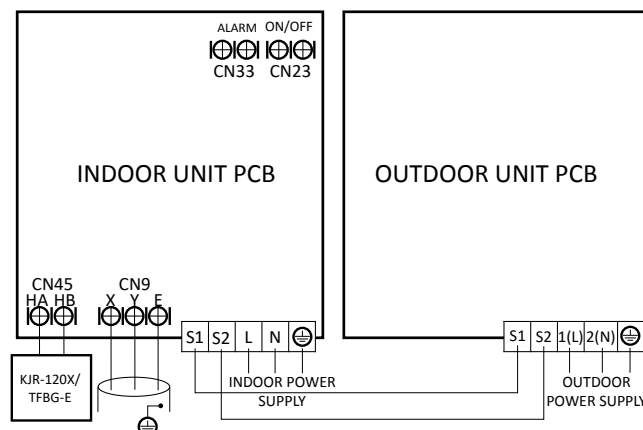
Product certified by:



## FEATURES

Model	KPD-160 DTR11
Cooling capacity	15,40 kW
Cooling power input	5.423 W
Heating capacity	18,20 kW
Heating power input	5.329 W
ErP Classification cold/heat	A++ / A+
Airflow (indoor)	2.120/2.350/2.600 m <sup>3</sup> /h
Max. static pressure	160 Pa
Sound pressure (indoor)	36/38,90/42,30 dB(A)
Airflow (outdoor)	7.500 m <sup>3</sup> /h
Sound pressure (outdoor)	66 dB(A)
Power supply	380-415 V / 3 ph / 50 Hz
Max. input	14 A
Power wiring (indoor)	(2+T)x2,50 mm <sup>2</sup>
Power wiring (outdoor)	(4+T)x6 mm <sup>2</sup>
Communication wiring	2x1,50 mm <sup>2</sup>
Com. bus shielded	3x1,50 mm <sup>2</sup>

## WIRING DIAGRAM

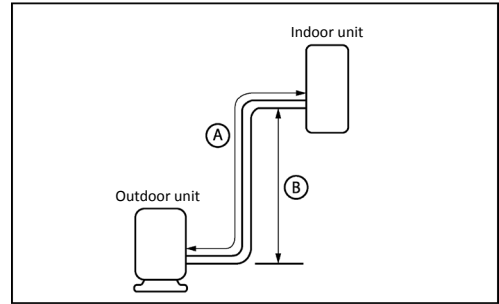


NOTES:

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 (2) The images on this sheet are indicative and may be different from the final machine.

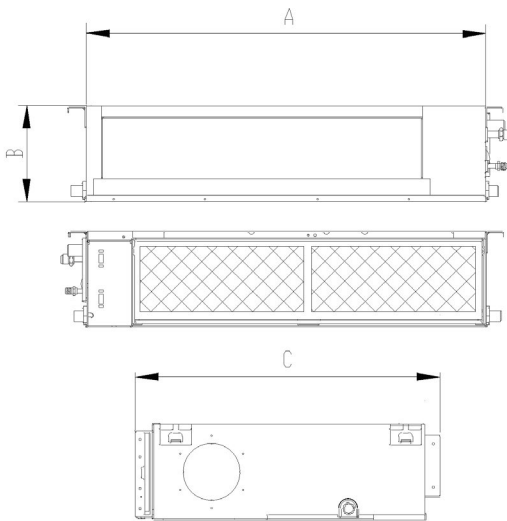
## COOLING CONNECTION

Model	KPD-160 DTR11
Refrigerating pipes	Ø3/8" / Ø5/8"
Refrigerant charge / Additional charge	2,95 kg / 0,024 kg
Indoor drain pipe	Ø25 mm
Max. pipe length (A)	65 m
Max. level difference (B)	30 m



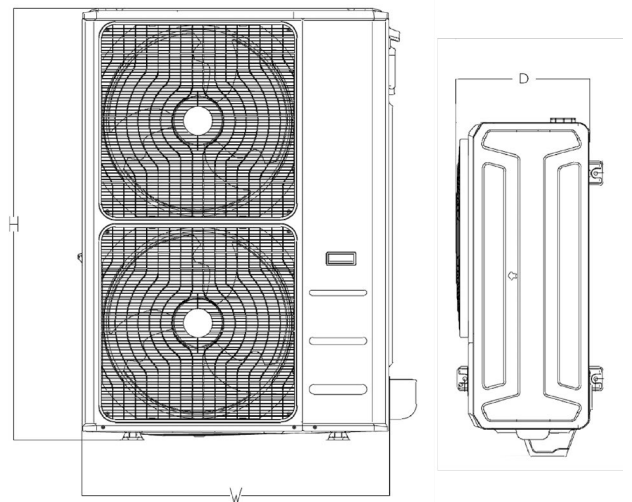
## DIMENSIONS & WEIGHT INDOOR

Model	KPD-160 DR11.1
A	1.200 mm
B	300 mm
C	874 mm
Weight	47,60 kg



## DIMENSIONS & WEIGHT OUTDOOR

Model	KUE-160 DTR11
W	952 mm
H	1.333 mm
D	415 mm
Weight	111,30 kg



## INSTALLATION

