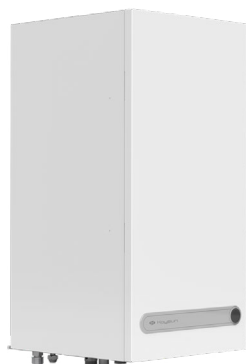


Aquantia KHPMS-BI Bibloc Wall-Mounted

PRODUCT SHEET



Standard controller



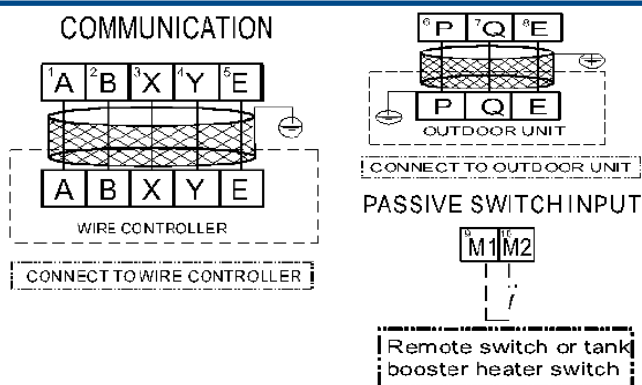
Product certified by:



FEATURES

Model	Set	KHPMS-BI 4 DVR	
	Indoor unit	KHPM BI 6 DVR	
	Outdoor unit	KHP-BI 4 DVR	
Outdoor air 7°C Water 30/35°C	Heating capacity	4,20 kW	
	COP	5,15	
Outdoor air 7°C Water 40/45°C	Heating capacity	4,20 kW	
	COP	3,65	
Outdoor air -7°C Water 30/35°C	Heating capacity	4,80 kW	
	COP	3	
Outdoor air 35°C Water 23/18°C	Cooling capacity	4,30 kW	
	EER	5,60	
Outdoor air 35°C Water 12/7°C	Cooling capacity	4,50 kW	
	EER	3,32	
Energy efficiency	SCOP cold zone - Water 35°C	4,06	
	SCOP cold zone - Water 55°C	2,78	
	SCOP average zone - Water 35°C / Classif.	4,77 / A+++	
	SCOP average zone - Water 55°C / Classif.	3,34 / A++	
	SCOP warm zone - Water 35°C	6,39	
	SCOP warm zone - Water 55°C	4,26	
	SEER 7°C	5,06	
	SEER 18°C	8,02	
Outdoor unit	Sound pressure	46,50 dB(A)	
	Liquid/gas pipe diameter	Ø1/4" / Ø5/8"	
Indoor unit	Sound pressure	43 dB(A)	
	Water pipe connections	Ø1"	

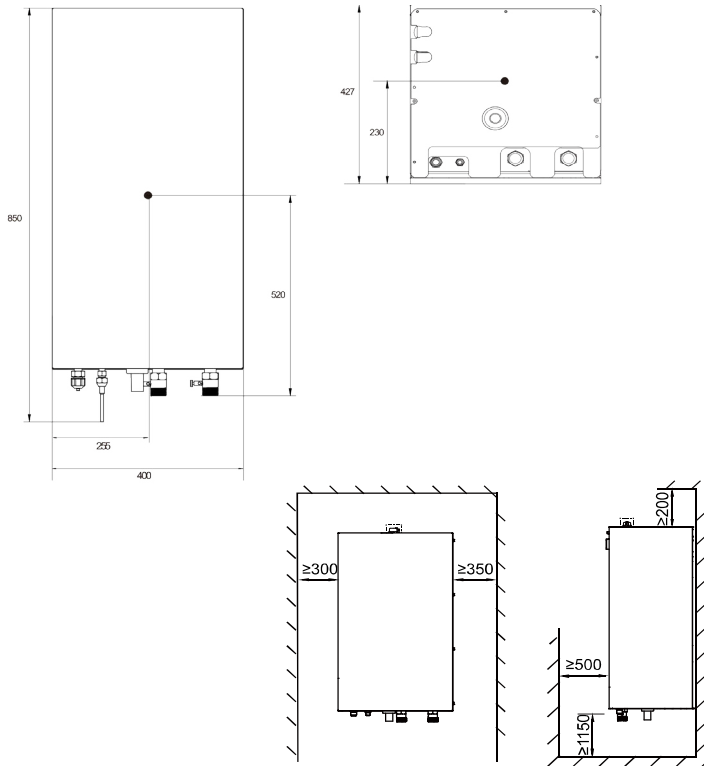
ELECTRICAL CONNECTION



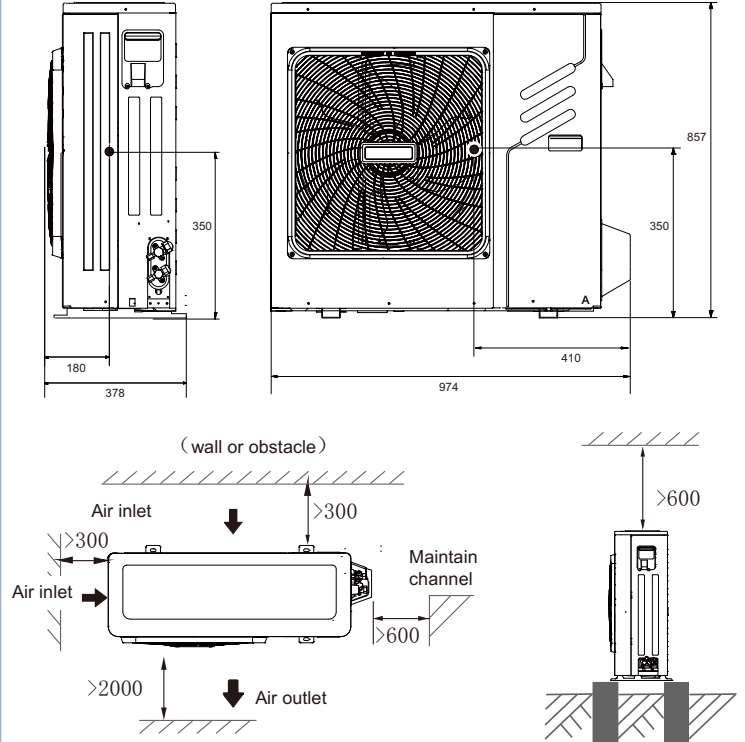
Power supply	220-240 V / 1 / 50 Hz
Max. overcurrent protection	18 A

DIMENSIONS & INSTALLATION DISTANCES

Indoor unit

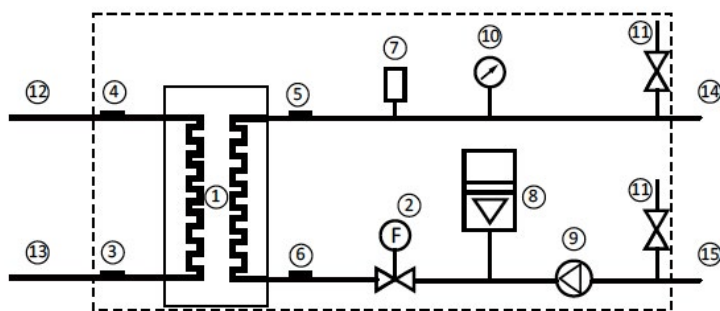


Outdoor unit



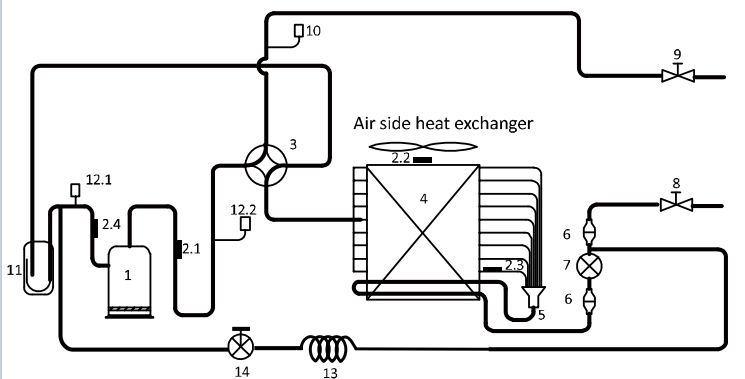
INSTALLATION COMPONENTS

Indoor unit



1	Water side heat exchanger	9	Water pump
2	Water flow switch	10	Manometer
3	Refrigerant liquid line temperature sensor	11	Safety valve
4	Refrigerant gas line temperature sensor	12	Refrigerant gas side
5	Water outlet temperature sensor	13	Refrigerant liquid side
6	Water inlet temperature sensor	14	Water outlet
7	Air purge valve	15	Water inlet
8	Expansion vessel		

Outdoor unit



1	Compressor	7	Electronic expansion valve
2.1	Discharge pipe temperature sensor	8	Stop valve (liquid side)
2.2	Outdoor ambient temperature sensor	9	Stop valve (gas side)
2.3	Air side heat exchanger refrigerant outlet temperature sensor	10	Pressure sensor
2.4	Suction pipe temperature sensor	11	Separator
3	4-way valve	12.1	Low pressure switch
4	Air side heat exchanger	12.2	High pressure switch
5	Distributor	13	Capillary
6	Filter	14	Solenoid valve

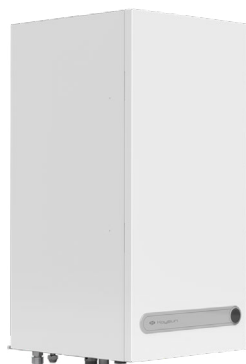
NOTES:

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Aquantia KHPMS-BI Bibloc Wall-Mounted

PRODUCT SHEET

Product certified by:



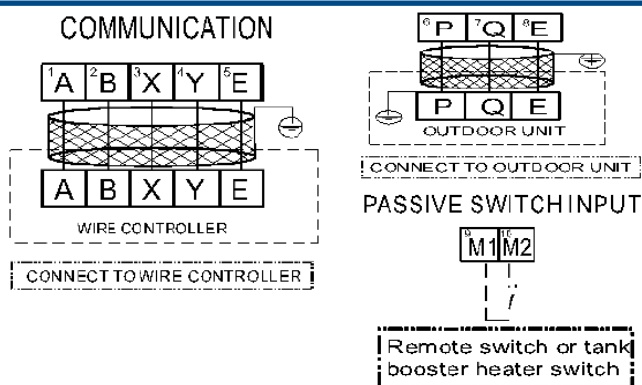
Standard controller



FEATURES

Model	Set	KHPMS-BI 6 DVR	
	Indoor unit	KHPM BI 6 DVR	
	Outdoor unit	KHP-BI 6 DVR	
Outdoor air 7°C Water 30/35°C	Heating capacity	6,50 kW	
	COP	4,85	
Outdoor air 7°C Water 40/45°C	Heating capacity	6,35 kW	
	COP	3,64	
Outdoor air -7°C Water 30/35°C	Heating capacity	6 kW	
	COP	2,94	
Outdoor air 35°C Water 23/18°C	Cooling capacity	6,45 kW	
	EER	4,88	
Outdoor air 35°C Water 12/7°C	Cooling capacity	6,50 kW	
	EER	2,95	
Energy efficiency	SCOP cold zone - Water 35°C	4,06	
	SCOP cold zone - Water 55°C	2,78	
	SCOP average zone - Water 35°C / Classif.	4,77 / A+++	
	SCOP average zone - Water 55°C / Classif.	3,34 / A++	
	SCOP warm zone - Water 35°C	6,39	
	SCOP warm zone - Water 55°C	4,26	
	SEER 7°C	5,25	
	SEER 18°C	8,28	
Outdoor unit	Sound pressure	49,50 dB(A)	
	Liquid/gas pipe diameter	Ø1/4" / Ø5/8"	
Indoor unit	Sound pressure	43 dB(A)	
	Water pipe connections	Ø1"	

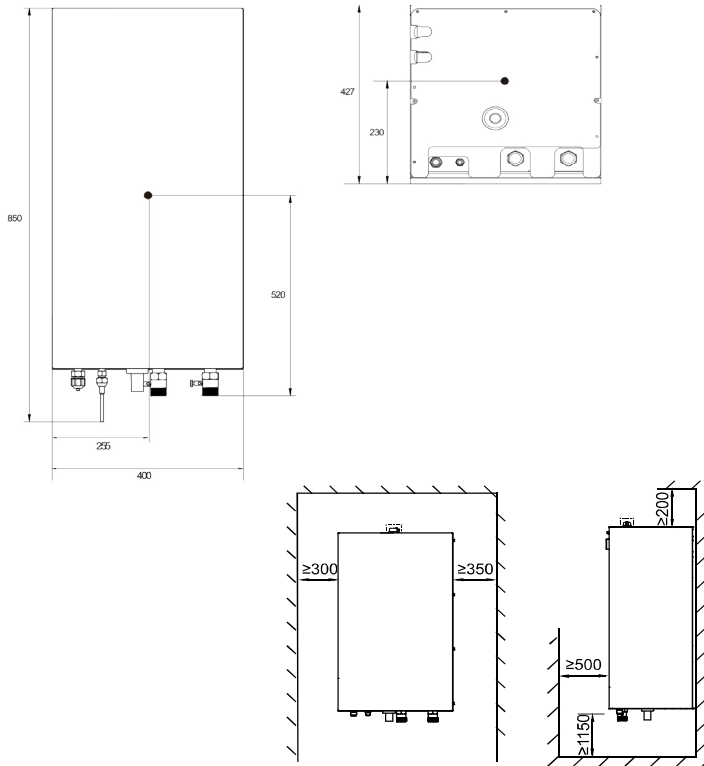
ELECTRICAL CONNECTION



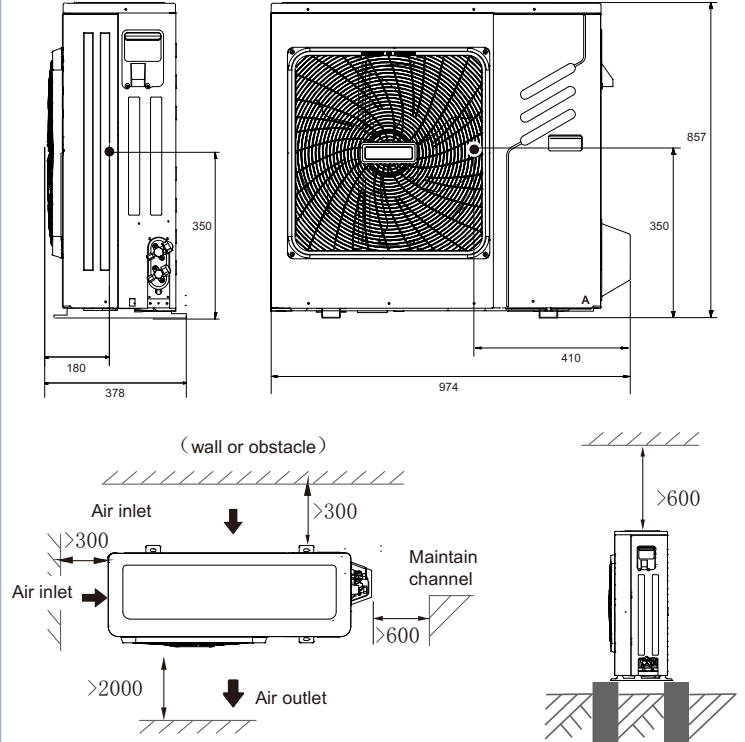
Power supply	220-240 V / 1 / 50 Hz
Max. overcurrent protection	18 A

DIMENSIONS & INSTALLATION DISTANCES

Indoor unit

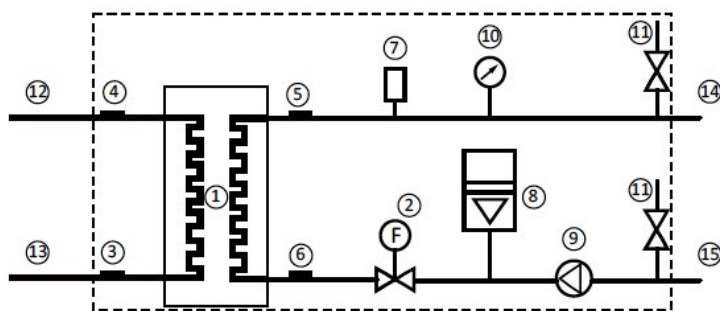


Outdoor unit



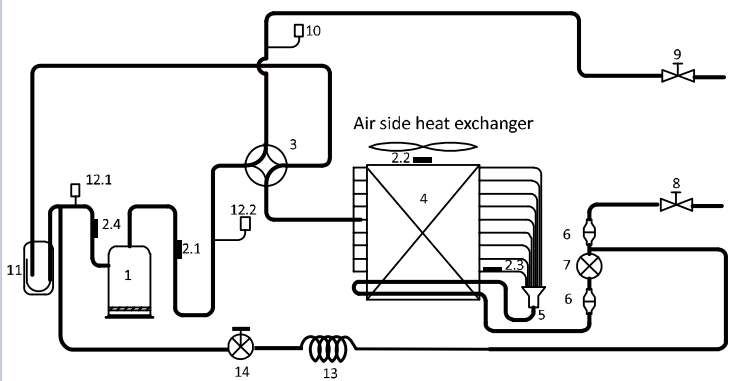
INSTALLATION COMPONENTS

Indoor unit



1	Water side heat exchanger	9	Water pump
2	Water flow switch	10	Manometer
3	Refrigerant liquid line temperature sensor	11	Safety valve
4	Refrigerant gas line temperature sensor	12	Refrigerant gas side
5	Water outlet temperature sensor	13	Refrigerant liquid side
6	Water inlet temperature sensor	14	Water outlet
7	Air purge valve	15	Water inlet
8	Expansion vessel		

Outdoor unit



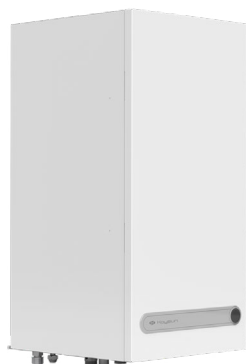
1	Compressor	7	Electronic expansion valve
2.1	Discharge pipe temperature sensor	8	Stop valve (liquid side)
2.2	Outdoor ambient temperature sensor	9	Stop valve (gas side)
2.3	Air side heat exchanger refrigerant outlet temperature sensor	10	Pressure sensor
2.4	Suction pipe temperature sensor	11	Separator
3	4-way valve	12.1	Low pressure switch
4	Air side heat exchanger	12.2	High pressure switch
5	Distributor	13	Capillary
6	Filter	14	Solenoid valve

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Aquantia KHPMS-BI Bibloc Wall-Mounted

PRODUCT SHEET



Standard controller



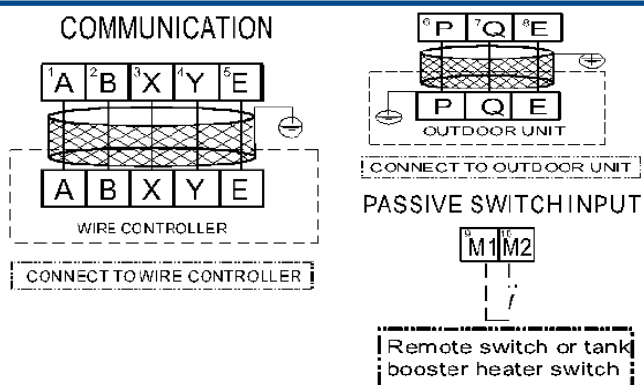
Product certified by:



FEATURES

Model	Set	KHPMS-BI 8 DVR	
	Indoor unit	KHPM BI 8 DVR	
	Outdoor unit	KHP-BI 8 DVR	
Outdoor air 7°C Water 30/35°C	Heating capacity	8,40 kW	
	COP	4,85	
Outdoor air 7°C Water 40/45°C	Heating capacity	8,05 kW	
	COP	3,73	
Outdoor air -7°C Water 30/35°C	Heating capacity	7,05 kW	
	COP	3,04	
Outdoor air 35°C Water 23/18°C	Cooling capacity	8,35 kW	
	EER	4,67	
Outdoor air 35°C Water 12/7°C	Cooling capacity	7,38 kW	
	EER	3,02	
Energy efficiency	SCOP cold zone - Water 35°C	4,01	
	SCOP cold zone - Water 55°C	2,66	
	SCOP average zone - Water 35°C / Classif.	4,79 / A+++	
	SCOP average zone - Water 55°C / Classif.	3,28 / A++	
	SCOP warm zone - Water 35°C	6,65	
	SCOP warm zone - Water 55°C	4,27	
	SEER 7°C	4,80	
	SEER 18°C	7,81	
Outdoor unit	Sound pressure	49,30 dB(A)	
	Liquid/gas pipe diameter	Ø3/8" / Ø5/8"	
Indoor unit	Sound pressure	43 dB(A)	
	Water pipe connections	Ø1"	

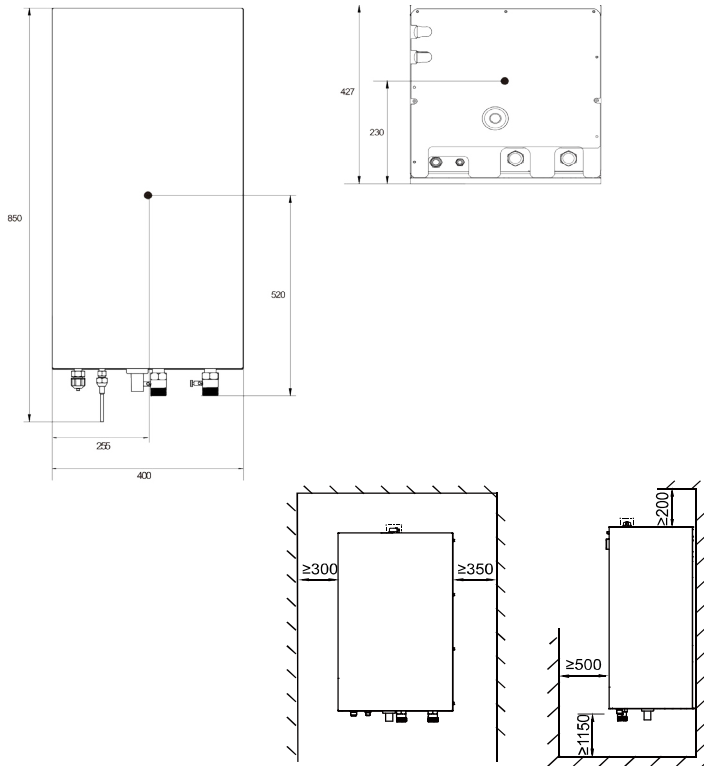
ELECTRICAL CONNECTION



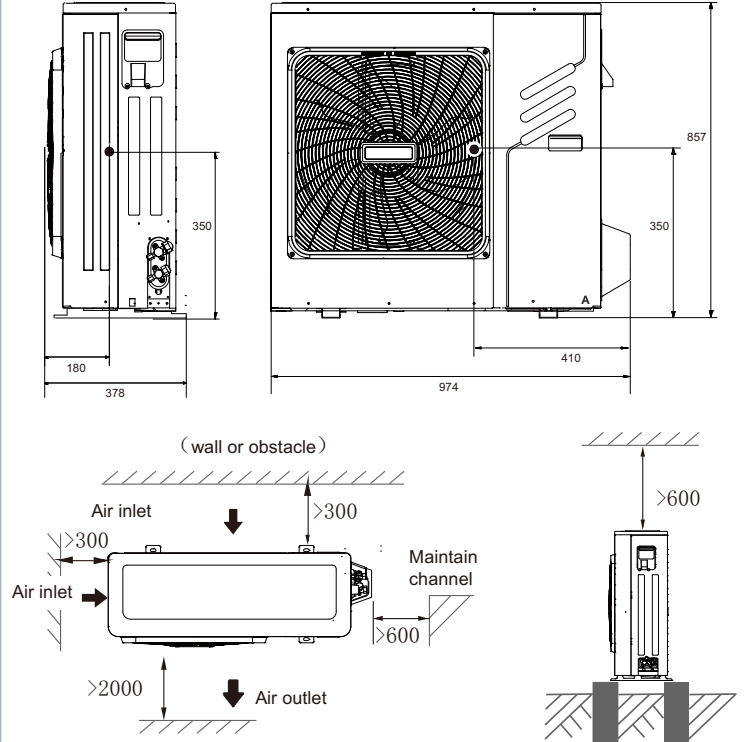
Power supply	220-240 V / 1 / 50 Hz
Max. overcurrent protection	19 A

DIMENSIONS & INSTALLATION DISTANCES

Indoor unit

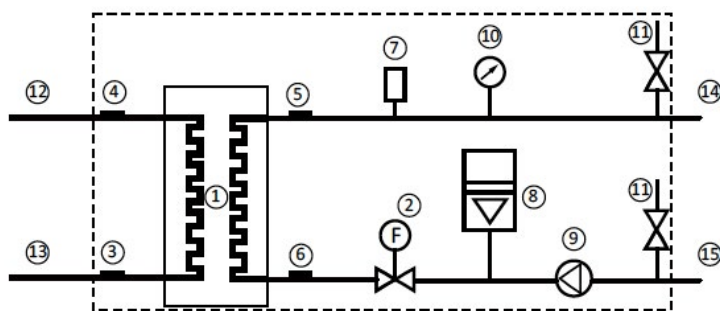


Outdoor unit

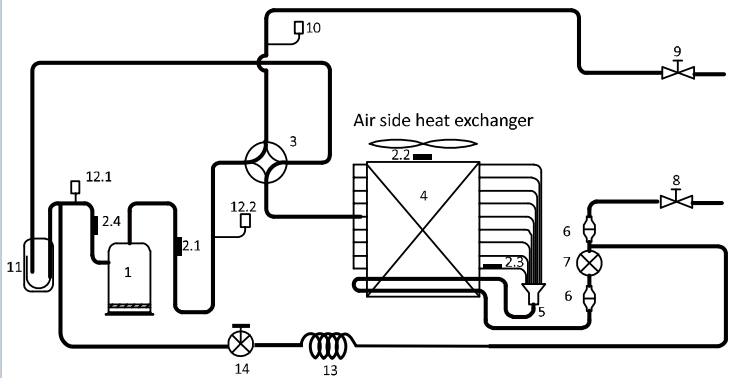


INSTALLATION COMPONENTS

Indoor unit



Outdoor unit



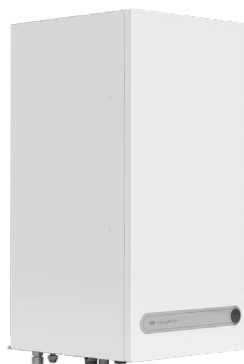
NOTES:

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Aquantia KHPMS-BI Bibloc Wall-Mounted

PRODUCT SHEET

Product certified by:



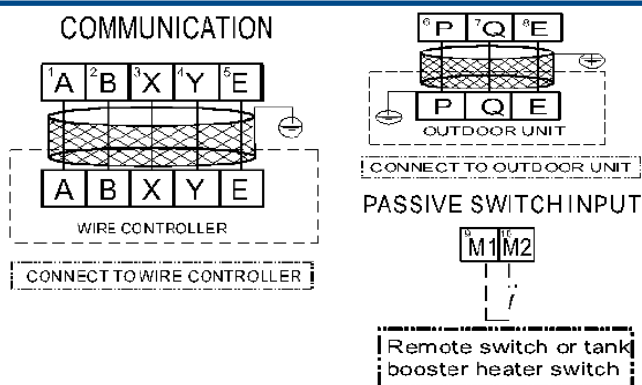
Standard controller



FEATURES

Model	Set	KHPMS-BI 10 DVR	
	Indoor unit	KHPM BI 8 DVR	
	Outdoor unit	KHP-BI 10 DVR	
Outdoor air 7°C Water 30/35°C	Heating capacity	10 kW	
	COP	4,65	
Outdoor air 7°C Water 40/45°C	Heating capacity	9,85 kW	
	COP	3,65	
Outdoor air -7°C Water 30/35°C	Heating capacity	8,20 kW	
	COP	2,95	
Outdoor air 35°C Water 23/18°C	Cooling capacity	10,20 kW	
	EER	4,25	
Outdoor air 35°C Water 12/7°C	Cooling capacity	8,15 kW	
	EER	2,95	
Energy efficiency	SCOP cold zone - Water 35°C	4,01	
	SCOP cold zone - Water 55°C	2,66	
	SCOP average zone - Water 35°C / Classif.	4,79 / A+++	
	SCOP average zone - Water 55°C / Classif.	3,28 / A++	
	SCOP warm zone - Water 35°C	6,65	
	SCOP warm zone - Water 55°C	4,27	
	SEER 7°C	4,94	
	SEER 18°C	7,59	
Outdoor unit	Sound pressure	52,40 dB(A)	
	Liquid/gas pipe diameter	Ø3/8" / Ø5/8"	
Indoor unit	Sound pressure	43 dB(A)	
	Water pipe connections	Ø1"	

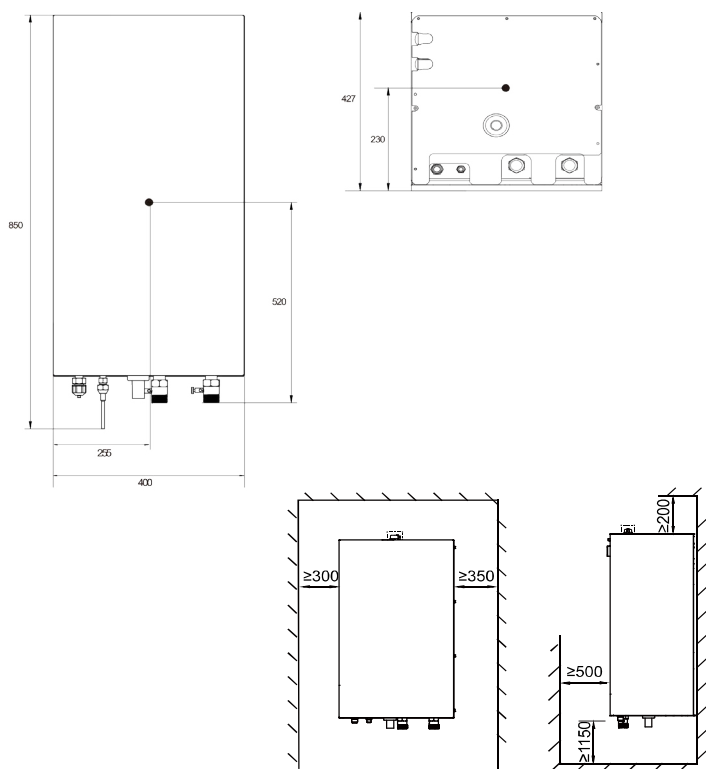
ELECTRICAL CONNECTION



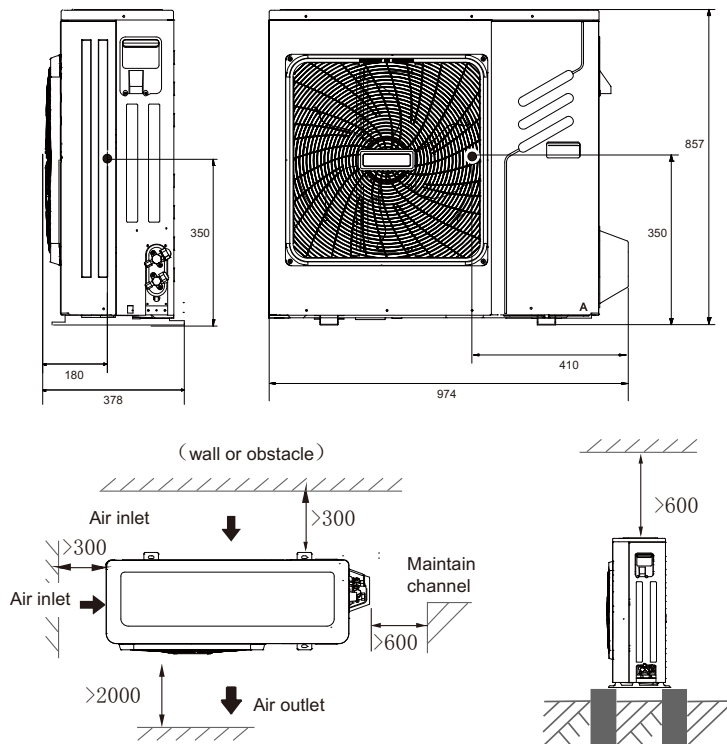
Power supply	220-240 V / 1 / 50 Hz
Max. overcurrent protection	19 A

DIMENSIONS & INSTALLATION DISTANCES

Indoor unit

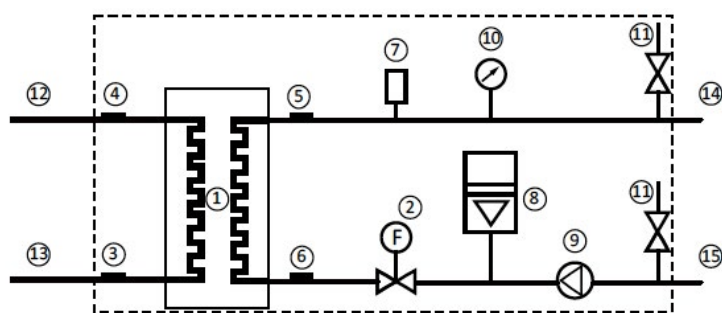


Outdoor unit



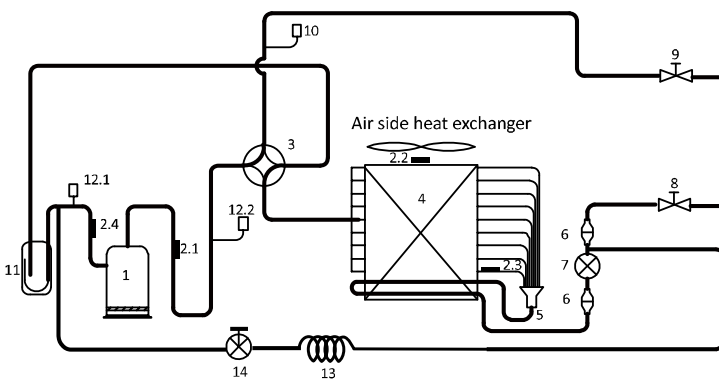
INSTALLATION COMPONENTS

Indoor unit



1	Water side heat exchanger	9	Water pump
2	Water flow switch	10	Manometer
3	Refrigerant liquid line temperature sensor	11	Safety valve
4	Refrigerant gas line temperature sensor	12	Refrigerant gas side
5	Water outlet temperature sensor	13	Refrigerant liquid side
6	Water inlet temperature sensor	14	Water outlet
7	Air purge valve	15	Water inlet
8	Expansion vessel		

Outdoor unit



1	Compressor	7	Electronic expansion valve
2.1	Discharge pipe temperature sensor	8	Stop valve (liquid side)
2.2	Outdoor ambient temperature sensor	9	Stop valve (gas side)
2.3	Air side heat exchanger refrigerant outlet temperature sensor	10	Pressure sensor
2.4	Suction pipe temperature sensor	11	Separator
3	4-way valve	12.1	Low pressure switch
4	Air side heat exchanger	12.2	High pressure switch
5	Distributor	13	Capillary
6	Filter	14	Solenoid valve

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