

Aquantia KHPIS-BI Bibloc Integrated

PRODUCT SHEET

Product certified by:



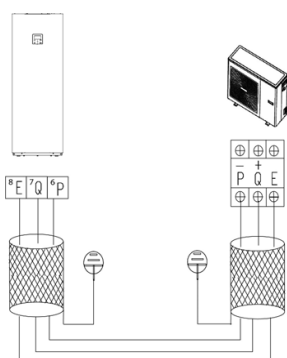
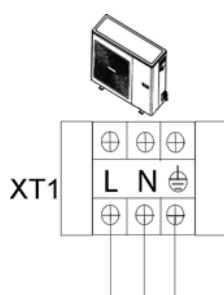
FEATURES

Model	Set	KHPIS-BI 4 DVR
	Indoor unit	KHPI-BI VR 190
	Outdoor unit	KHP-BI 4 DVR
Outdoor air 7°C Water 30/35°C	Heating capacity	4,49 kW
	COP	5,01
Outdoor air 7°C Water 40/45°C	Heating capacity	4,14 kW
	COP	3,70
Outdoor air -7°C Water 30/35°C	Heating capacity	4,59 kW
	COP	3,07
Outdoor air 35°C Water 23/18°C	Cooling capacity	4,63 kW
	EER	5,21
Outdoor air 35°C Water 12/7°C	Cooling capacity	4,56 kW
	EER	3,49
Energy efficiency	SCOP cold zone - Water 35°C	4,23
	SCOP cold zone - Water 55°C	3,32
	SCOP average zone - Water 35°C / Classif.	4,73 / A+++
	SCOP average zone - Water 55°C / Classif.	3,37 / A++
	SCOP warm zone - Water 35°C	5,47
	SCOP warm zone - Water 55°C	4,24
	SEER 7°C	5,71
Outdoor unit	Sound pressure	47 dB(A)
	Liquid/gas pipe diameter	Ø1/4" / Ø5/8"
Indoor unit	Sound pressure	41 dB(A)
	Water pipe connections	Ø3/4"

ELECTRICAL CONNECTION

External unit connections

Bus connections



Power supply

220-240 V / 1 / 50 Hz

Max. overcurrent protection
outdoor unit

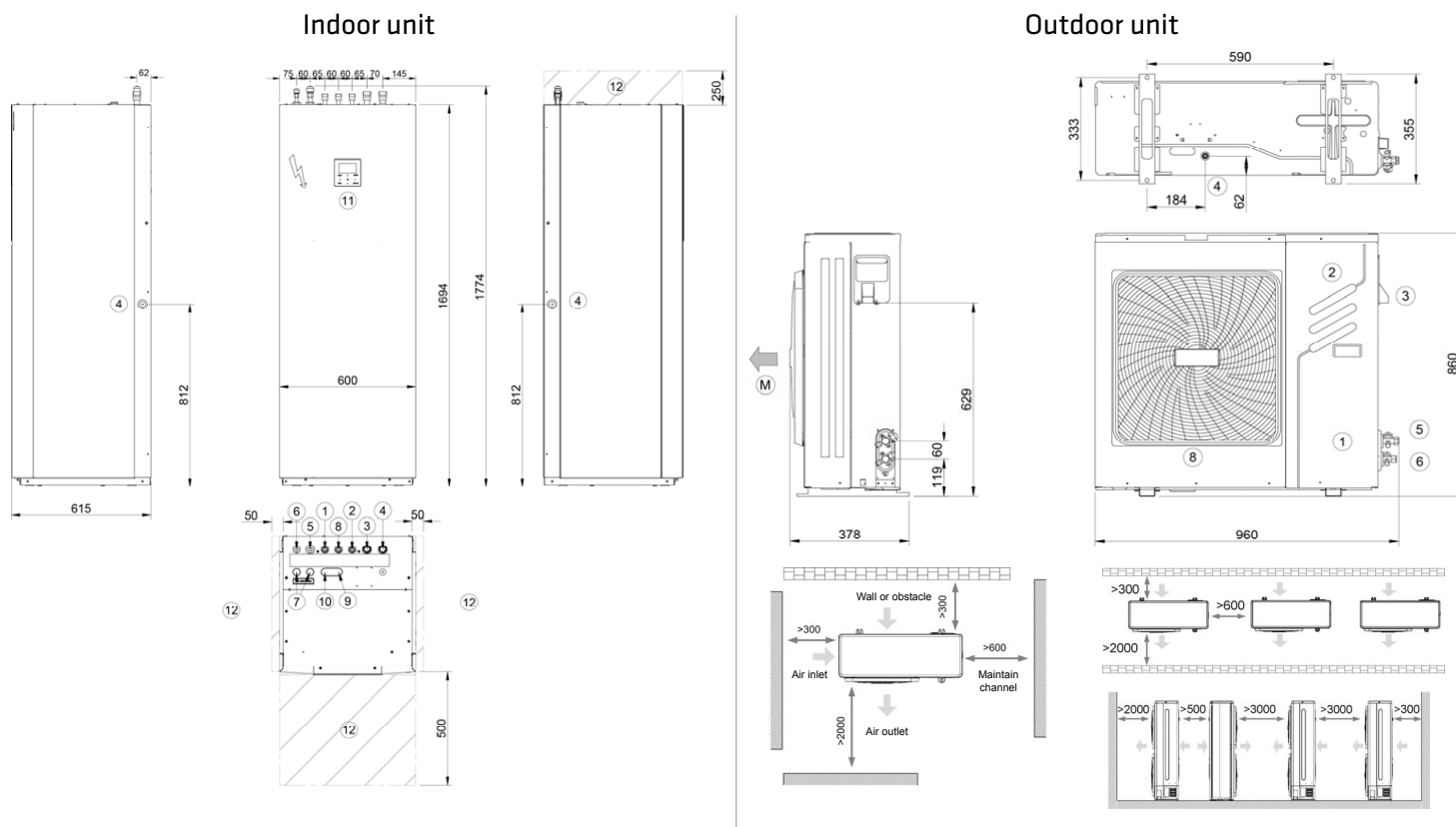
11,30 A

Max. overcurrent protection
indoor unit

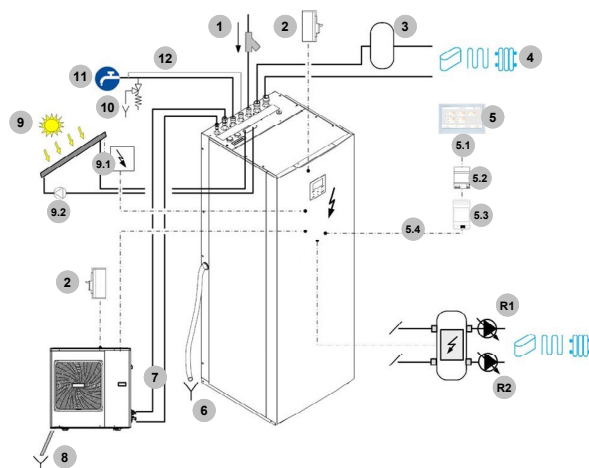
9,20 A

For more information, see chapter "Electrical connections" of the manual

DIMENSIONS & INSTALLATION DISTANCES



INSTALLATION COMPONENTS



1	Acqueduct	R1	Booster 1 (option)
2	Supply line	R2	Booster 2 (option)
3	Inertial storage (option)	6	Drainage tray
4	System	7	Refrigerant lines
	System outlet	8	Unit drain
	System return	9	Solar panels (option)
5	Elfocontrol ³ (option)	9.1	Solar panels unit
5.1	Ethernet max. 90 m	9.2	Solar pump
5.2	Power supplu unit 12Vdc (option)	10	DHW drain valve
5.3	Ethernet converter (option)	11	DHW
5.4	RS485 on keyboard (option)	12	DHW recirculation

NOTES:

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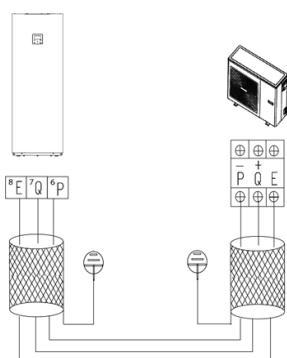
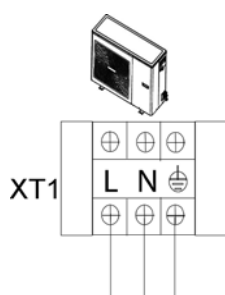
FEATURES

Model	Set	KHPIS-BI 6 DVR
	Indoor unit	KHPI-BI VR 190
	Outdoor unit	KHP-BI 6 DVR
Outdoor air 7°C Water 30/35°C	Heating capacity	6,32 kW
	COP	4,79
Outdoor air 7°C Water 40/45°C	Heating capacity	6,09 kW
	COP	3,66
Outdoor air -7°C Water 30/35°C	Heating capacity	5,55 kW
	COP	2,90
Outdoor air 35°C Water 23/18°C	Cooling capacity	6,79 kW
	EER	5,14
Outdoor air 35°C Water 12/7°C	Cooling capacity	6,17 kW
	EER	3,21
Energy efficiency	SCOP cold zone - Water 35°C	3,81
	SCOP cold zone - Water 55°C	3,01
	SCOP average zone - Water 35°C / Classif.	4,89 / A+++
	SCOP average zone - Water 55°C / Classif.	3,37 / A++
	SCOP warm zone - Water 35°C	5,98
	SCOP warm zone - Water 55°C	4,39
	SEER 7°C	5,36
Outdoor unit	Sound pressure	48 dB(A)
	Liquid/gas pipe diameter	Ø1/4" / Ø5/8"
Indoor unit	Sound pressure	41 dB(A)
	Water pipe connections	Ø3/4"

ELECTRICAL CONNECTION

External unit connections

Bus connections



Power supply

220-240 V / 1 / 50 Hz

Max. overcurrent protection
outdoor unit

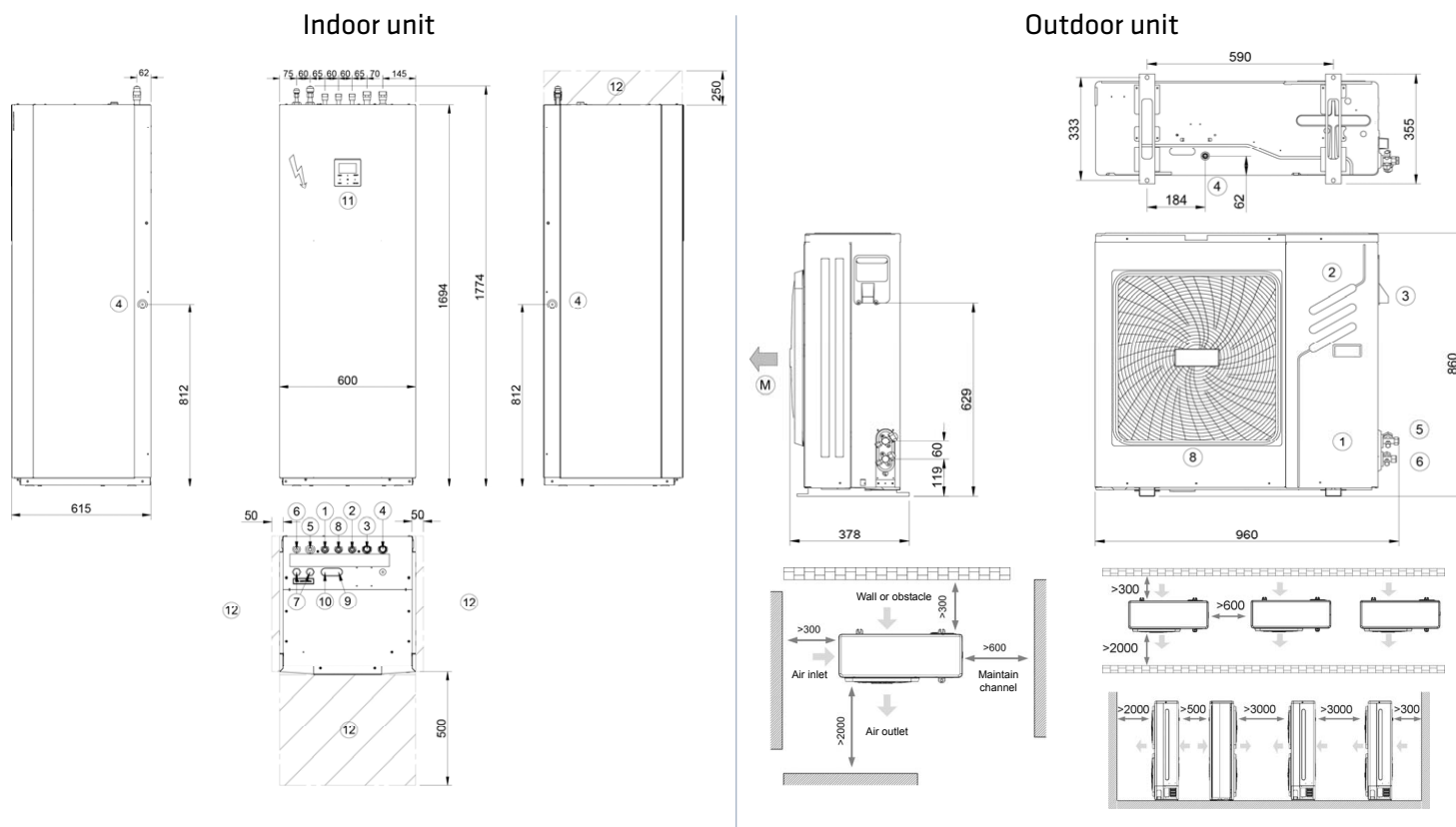
11,30 A

Max. overcurrent protection
indoor unit

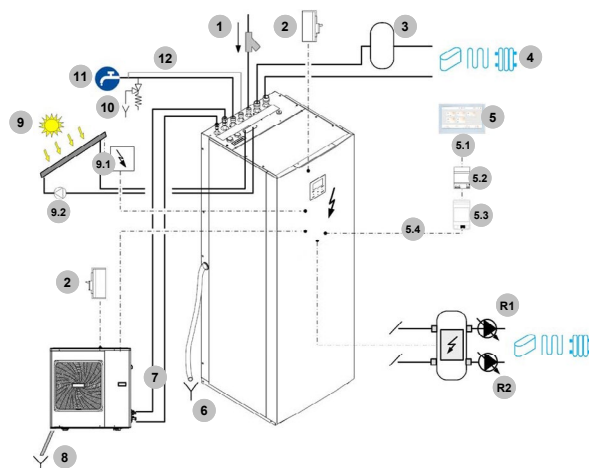
9,20 A

For more information, see chapter "Electrical connections" of the manual

DIMENSIONS & INSTALLATION DISTANCES



INSTALLATION COMPONENTS



1	Aqueduct	R1	Booster 1 (option)
2	Supply line	R2	Booster 2 (option)
3	Inertial storage (option)	6	Drainage tray
4	System outlet	7	Refrigerant lines
	System return	8	Unit drain
5	Elfocontrol ³ (option)	9	Solar panels (option)
5.1	Ethernet max. 90 m	9.1	Solar panels unit
5.2	Power supply unit 12Vdc (option)	9.2	Solar pump
5.3	Ethernet converter (option)	10	DHW drain valve
5.4	RS485 on keyboard (option)	11	DHW
		12	DHW recirculation

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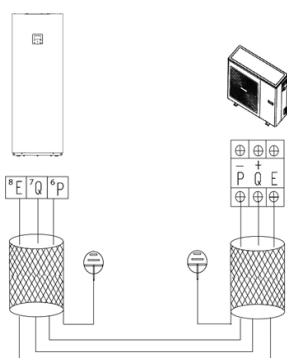
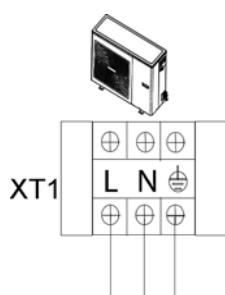
FEATURES

Model	Set	KHPIS-BI 8 DVR
	Indoor unit	KHPI-BI VR 250
	Outdoor unit	KHP-BI 8 DVR
Outdoor air 7°C Water 30/35°C	Heating capacity	8,37 kW
	COP	4,87
Outdoor air 7°C Water 40/45°C	Heating capacity	8,02 kW
	COP	3,82
Outdoor air -7°C Water 30/35°C	Heating capacity	6,46 kW
	COP	3,04
Outdoor air 35°C Water 23/18°C	Cooling capacity	8,53 kW
	EER	5
Outdoor air 35°C Water 12/7°C	Cooling capacity	7,39 kW
	EER	3,12
Energy efficiency	SCOP cold zone - Water 35°C	4,11
	SCOP cold zone - Water 55°C	2,94
	SCOP average zone - Water 35°C / Classif.	4,96 / A+++
	SCOP average zone - Water 55°C / Classif.	3,40 / A++
	SCOP warm zone - Water 35°C	6,17
	SCOP warm zone - Water 55°C	4,32
	SEER 7°C	5,25
Outdoor unit	Sound pressure	48 dB(A)
	Liquid/gas pipe diameter	Ø3/8" / Ø5/8"
Indoor unit	Sound pressure	41 dB(A)
	Water pipe connections	Ø3/4"

ELECTRICAL CONNECTION

External unit connections

Bus connections



Power supply

220-240 V / 1 / 50 Hz

Max. overcurrent protection
outdoor unit

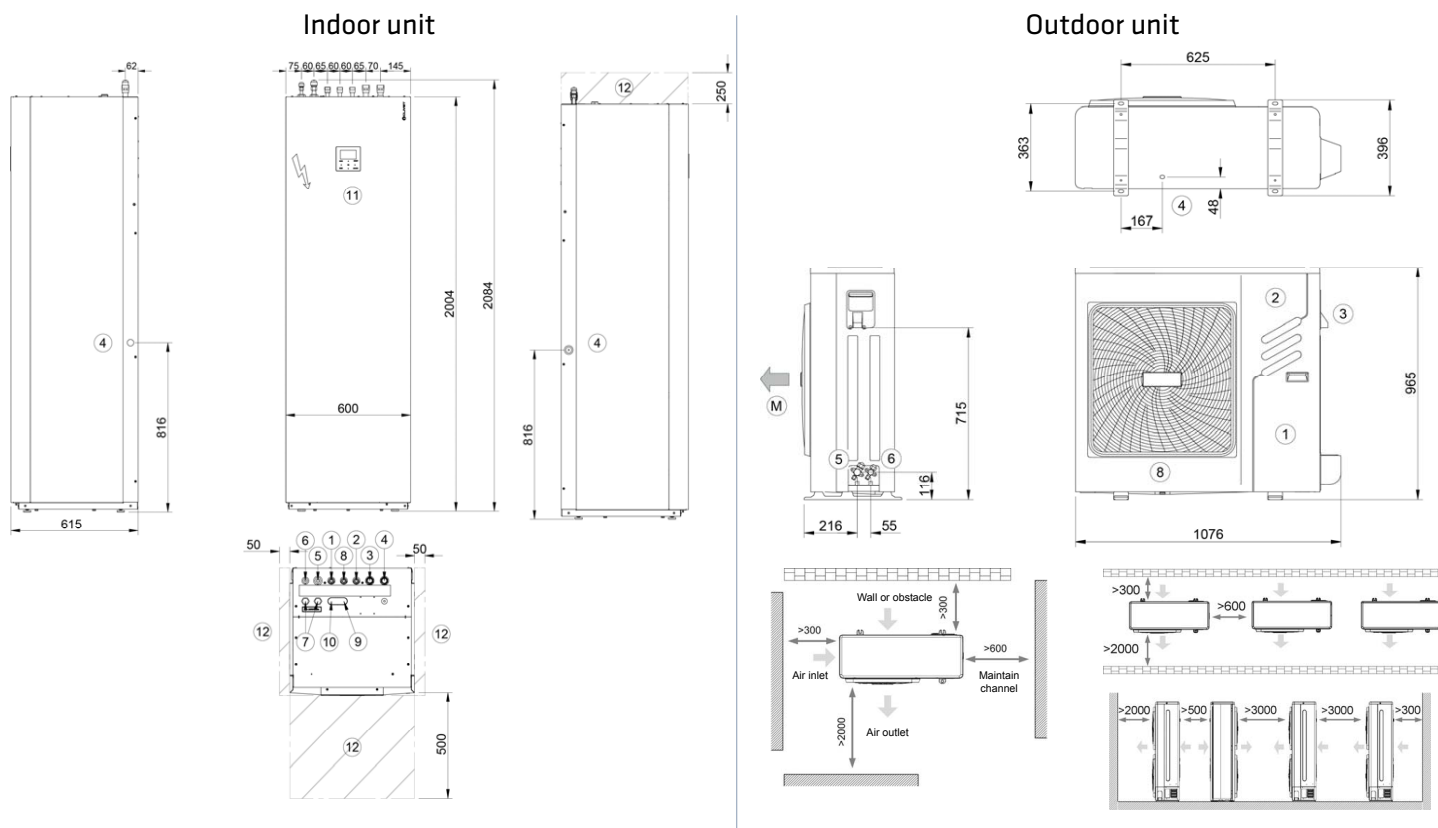
16,70 A

Max. overcurrent protection
indoor unit

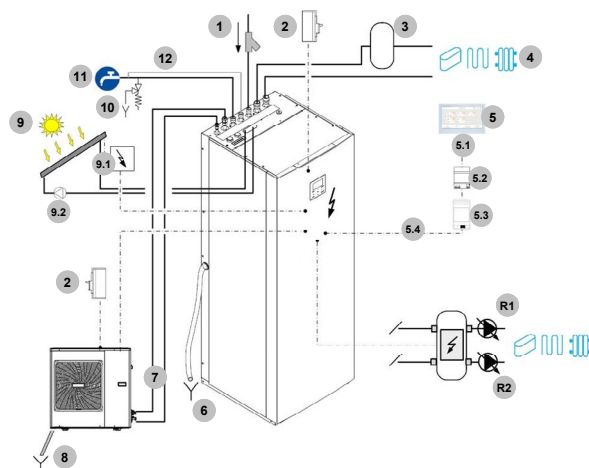
9,60 A

For more information, see chapter "Electrical connections" of the manual

DIMENSIONS & INSTALLATION DISTANCES



INSTALLATION COMPONENTS



1	Acqueduct	R1	Booster 1 (option)
2	Supply line	R2	Booster 2 (option)
3	Inertial storage (option)	6	Drainage tray
4	System	7	Refrigerant lines
	System outlet	8	Unit drain
	System return	9	Solar panels (option)
5	Elfocontrol ³ (option)	9.1	Solar panels unit
5.1	Ethernet max. 90 m	9.2	Solar pump
5.2	Power supply unit 12Vdc (option)	10	DHW drain valve
5.3	Ethernet converter (option)	11	DHW
5.4	RS485 on keyboard (option)	12	DHW recirculation

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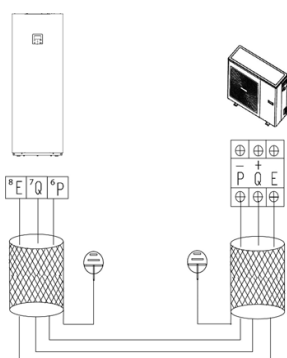
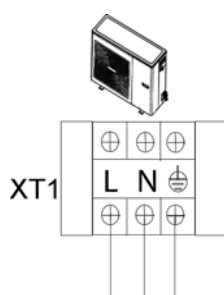
FEATURES

Model	Set	KHPIS-BI 10 DVR
	Indoor unit	KHPI-BI VR 250
	Outdoor unit	KHP-BI 10 DVR
Outdoor air 7°C Water 30/35°C	Heating capacity	10,26 kW
	COP	4,68
Outdoor air 7°C Water 40/45°C	Heating capacity	10,30 kW
	COP	3,67
Outdoor air -7°C Water 30/35°C	Heating capacity	8,02 kW
	COP	2,98
Outdoor air 35°C Water 23/18°C	Cooling capacity	9,73 kW
	EER	4,87
Outdoor air 35°C Water 12/7°C	Cooling capacity	9,06 kW
	EER	3,01
Energy efficiency	SCOP cold zone - Water 35°C	3,83
	SCOP cold zone - Water 55°C	3,23
	SCOP average zone - Water 35°C / Classif.	5,04 / A+++
	SCOP average zone - Water 55°C / Classif.	3,56 / A++
	SCOP warm zone - Water 35°C	5,86
	SCOP warm zone - Water 55°C	4,22
	SEER 7°C	5,38
Outdoor unit	Sound pressure	50 dB(A)
	Liquid/gas pipe diameter	Ø3/8" / Ø5/8"
Indoor unit	Sound pressure	41 dB(A)
	Water pipe connections	Ø3/4"

ELECTRICAL CONNECTION

External unit connections

Bus connections



Power supply

220-240 V / 1 / 50 Hz

Max. overcurrent protection
outdoor unit

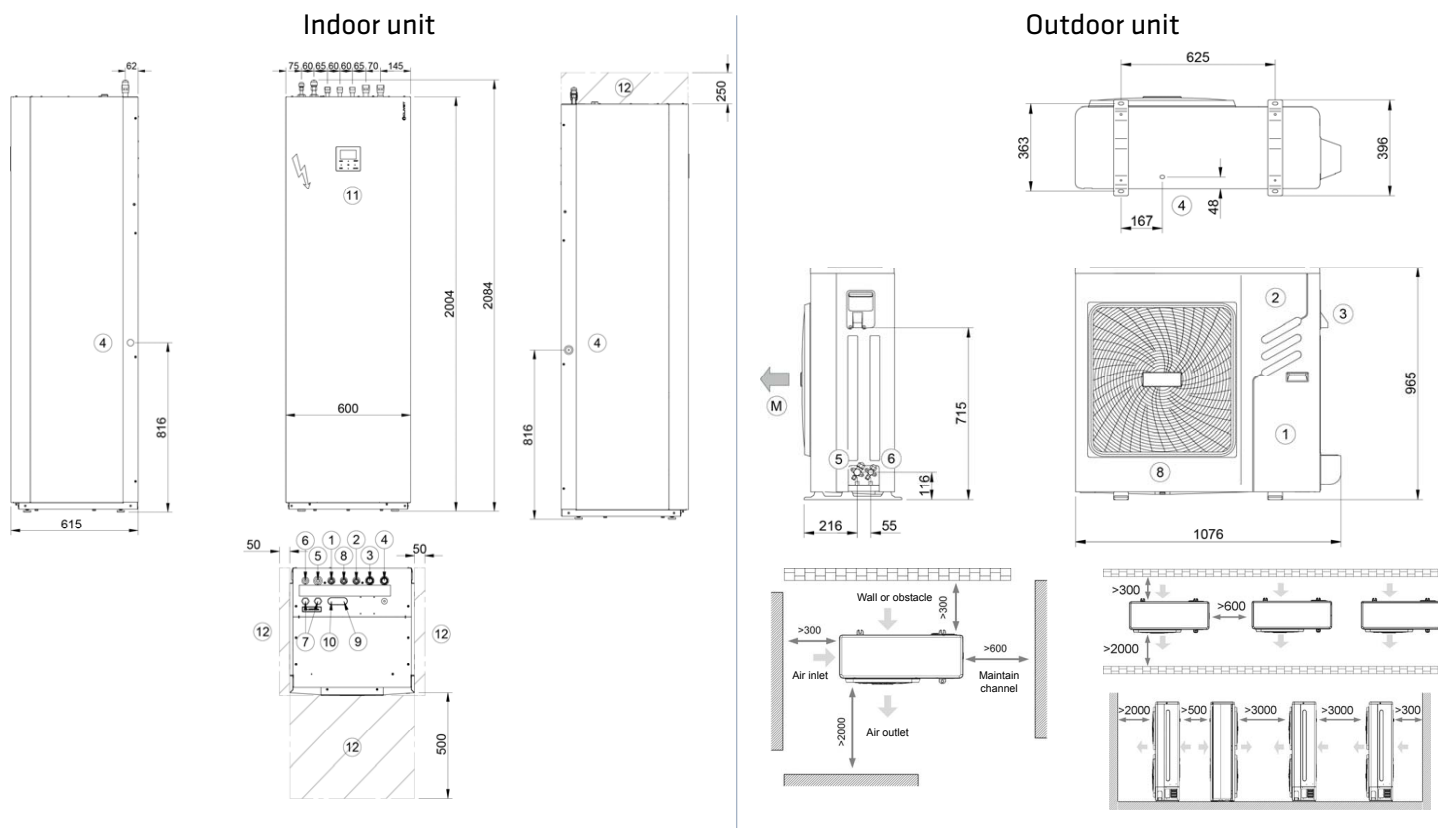
16,70 A

Max. overcurrent protection
indoor unit

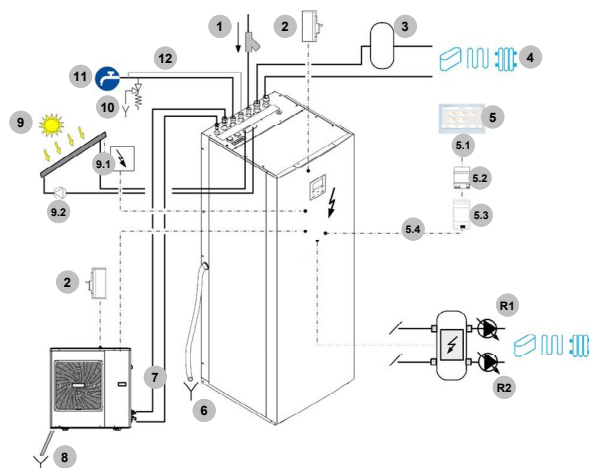
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For more information, see chapter "Electrical connections" of the manual

DIMENSIONS & INSTALLATION DISTANCES



INSTALLATION COMPONENTS



1	Acqueduct	R1	Booster 1 (option)
2	Supply line	R2	Booster 2 (option)
3	Inertial storage (option)	6	Drainage tray
4	System	7	Refrigerant lines
	System outlet	8	Unit drain
	System return	9	Solar panels (option)
5	Elfocontrol ³ (option)	9.1	Solar panels unit
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5.2	Power supply unit 12Vdc (option)	10	DHW drain valve
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