



PRODUCT SHEET – AQUATIX **OUTDOOR UNIT KHP-BI 4 DVN** **INDOOR UNIT KIT KHP BI 8 VN**

Product certified by:  

SPECIFICATIONS:

Units	KHP-BI 4 DVN , KIT KHP BI 8 VN
Heating Capacity ¹	4,10 kW
Heating Power Input ¹	0,82 kW
Heating Capacity ²	4,01 kW
Heating Power Input ²	1,13 kW
Cooling Capacity ³	4,10 kW
Cooling Power Input ³	0,79 kW
Cooling Capacity ⁴	4,12 kW
Cooling Power Input ⁴	1,30 kW
Backup Electric Heater	3 kW
Sound Pressure	62 dB(A)
Total Volume of Water	4,7 L

1. Outdoor air temperature 7°C and 85% R.H.; Water Inlet/Outlet 30°C/35°C.
2. Outdoor air temperature 7°C and 85% R.H.; Water Inlet/Outlet 40°C/45°C.
3. Outdoor air temperature 35°C and 85% R.H.; Water Inlet/Outlet 23°C/18°C.
4. Outdoor air temperature 35°C and 85% R.H.; Water Inlet/Outlet 12°C/7°C.

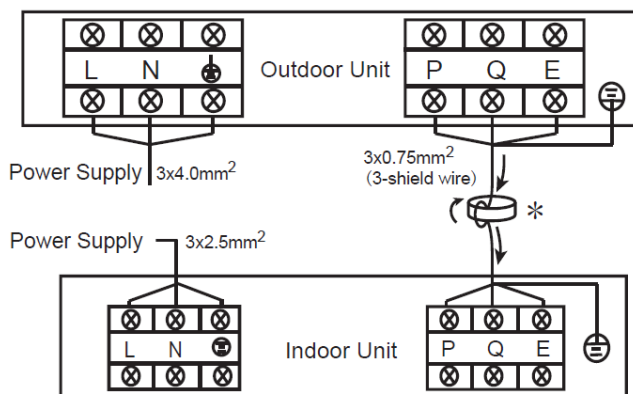
PIPING DIAMETERS:

Unit	KHP-BI 4 DVN
Diameter Liquid P.	ø9,5
Diameter Gas P.	ø15,9

Unit	KIT KHP BI 8 VN
Piping Connections	DN25

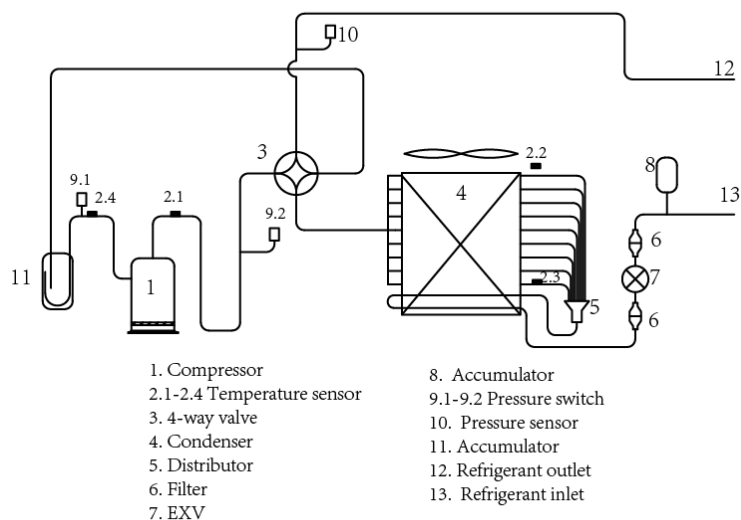
ELECTRICAL CONNECTION:

Unit	KHP-BI 4 DVN
Power supply	220-240 V / 1 fase / 50 Hz
Circuit Breaker	32

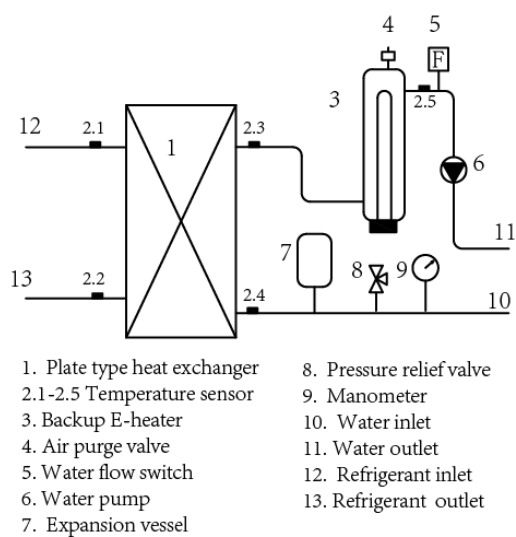


SYSTEM COMPONENTS:

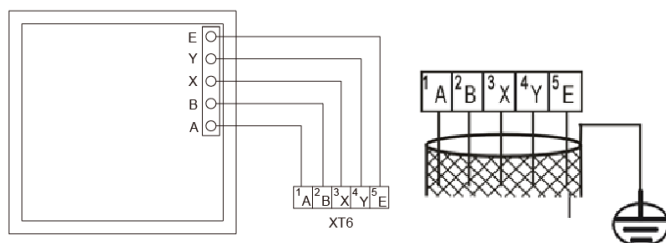
Outdoor unit diagram



Indoor unit diagram



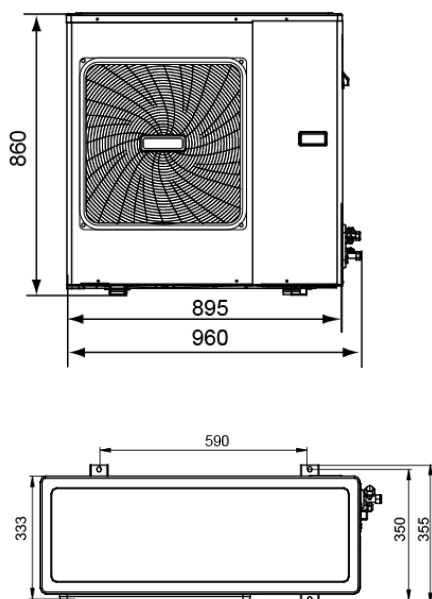
COMMUNICATION



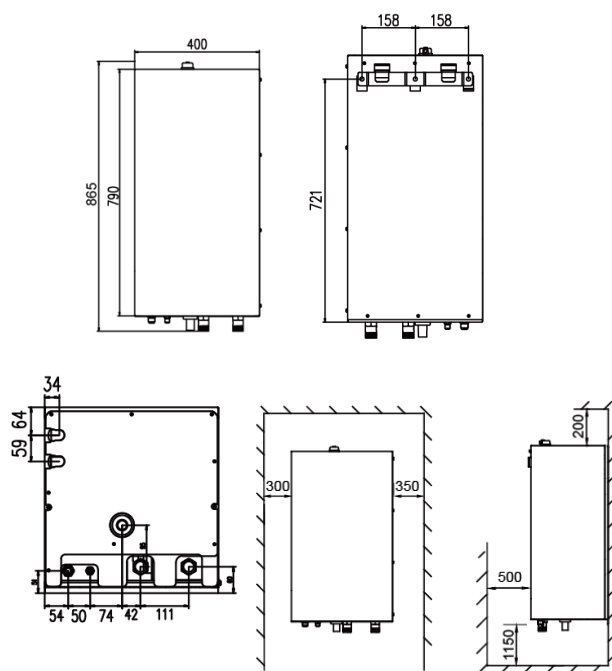
Communication with the user interface

DIMENSIONS OF UNITS AND INSTALLATION AREA

Outdoor Unit



Indoor Unit





PRODUCT SHEET – AQUATIX **OUTDOOR UNIT KHP-BI 6 DVN** **INDOOR UNIT KIT KHP BI 8 VN**

Product certified by:  

SPECIFICATIONS:

Units	KHP-BI 6 DVN, KIT KHP BI 8 VN
Heating Capacity ¹	6,10 kW
Heating Power Input ¹	1,29 kW
Heating Capacity ²	5,96 kW
Heating Power Input ²	1,68 kW
Cooling Capacity ³	6,10 kW
Cooling Power Input ³	1,31 kW
Cooling Capacity ⁴	6,15 kW
Cooling Power Input ⁴	2,08 kW
Backup Electric Heater	3 kW
Sound Pressure	62 dB(A)
Total Volume of Water	4,7 L

1. Outdoor air temperature 7°C and 85% R.H.; Water Inlet/Outlet 30°C/35°C.
2. Outdoor air temperature 7°C and 85% R.H.; Water Inlet/Outlet 40°C/45°C.
3. Outdoor air temperature 35°C and 85% R.H.; Water Inlet/Outlet 23°C/18°C.
4. Outdoor air temperature 35°C and 85% R.H.; Water Inlet/Outlet 12°C/7°C.

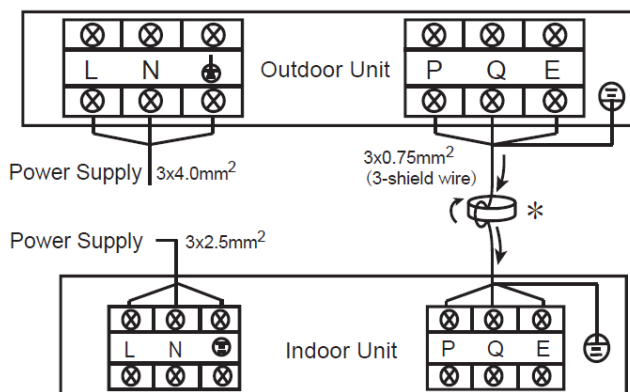
PIPING DIAMETERS:

Unit	KHP-BI 6 DVN
Diameter Liquid P.	ø9,5
Diameter Gas P.	ø15,9

Unit	KIT KHP BI 8 VN
Piping Connections	DN25

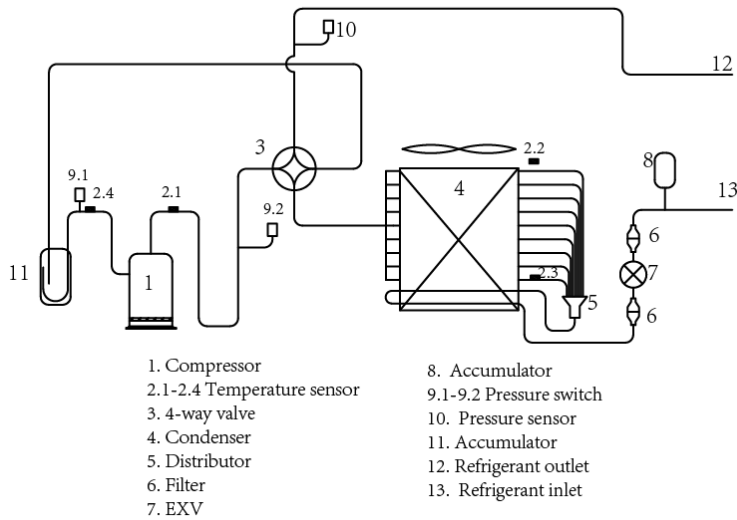
ELECTRICAL CONNECTION:

Unit	KHP-BI 6 DVN
Power supply	220-240 V / 1 phase / 50 Hz
Circuit Breaker	32

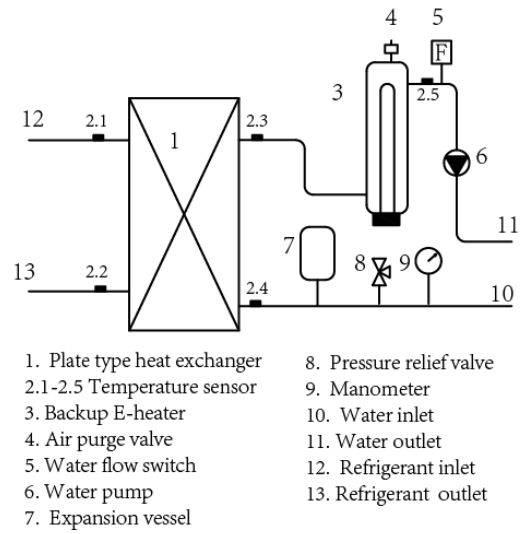


SYSTEM COMPONENTS:

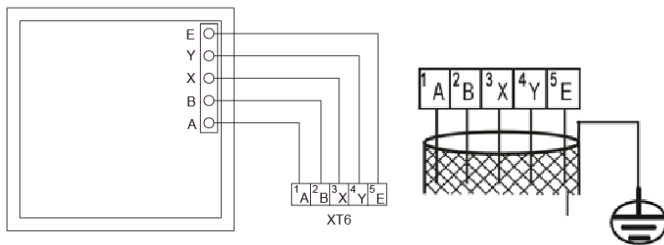
Outdoor unit diagram



Indoor unit diagram



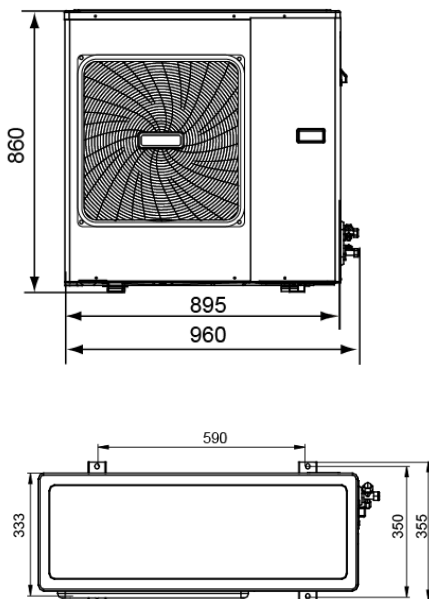
COMMUNICATION



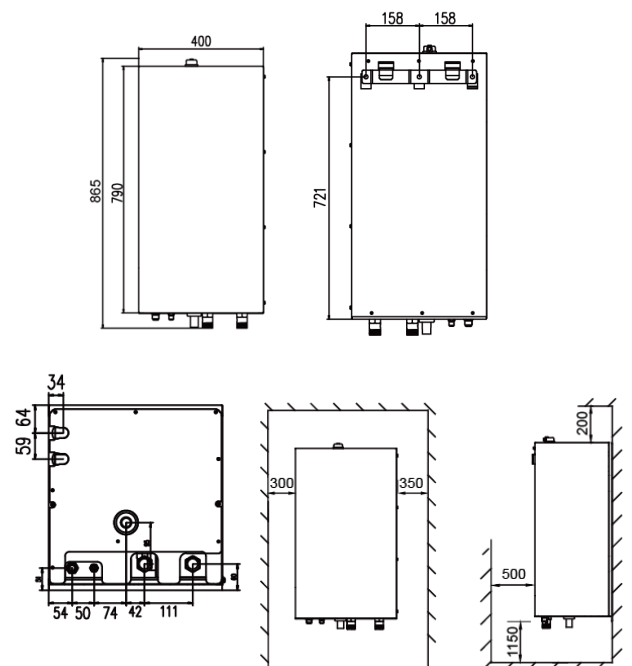
Communication with the user interface

DIMENSIONS OF UNITS AND INSTALLATION AREA

Outdoor Unit



Indoor Unit





PRODUCT SHEET – AQUATIX

OUTDOOR UNIT KHP-BI 8 DVN

INDOOR UNIT KIT KHP BI 8 VN

Product certified by:



SPECIFICATIONS:

Units	KHP-BI 8 DVN, KIT KHP BI 8 VN
Heating Capacity ¹	8,00 kW
Heating Power Input ¹	1,73 kW
Heating Capacity ²	7,34 kW
Heating Power Input ²	2,13 kW
Cooling Capacity ³	8,00 kW
Cooling Power Input ³	1,78 kW
Cooling Capacity ⁴	6,44 kW
Cooling Power Input ⁴	2,24 kW
Backup Electric Heater	3 kW
Sound Pressure	64 dB(A)
Total Volume of Water	4,7 L

1. Outdoor air temperature 7°C and 85% R.H.; Water Inlet/Outlet 30°C/35°C.
2. Outdoor air temperature 7°C and 85% R.H.; Water Inlet/Outlet 40°C/45°C.
3. Outdoor air temperature 35°C and 85% R.H.; Water Inlet/Outlet 23°C/18°C.
4. Outdoor air temperature 35°C and 85% R.H.; Water Inlet/Outlet 12°C/7°C.

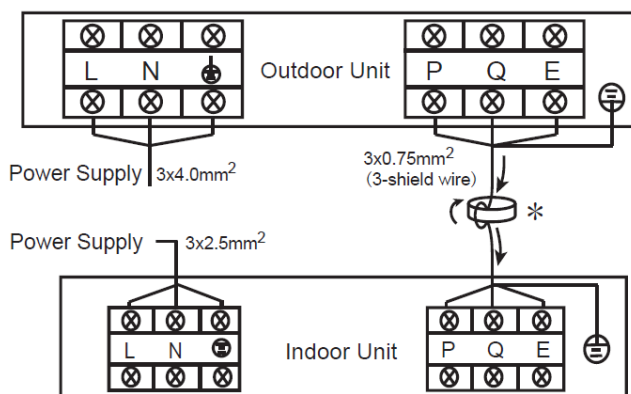
PIPING DIAMETERS:

Unit	KHP-BI 8 DVN
Diameter Liquid P.	ø9,5
Diameter Gas P.	ø15,9

Unit	KIT KHP BI 8 VN
Piping Connections	DN25

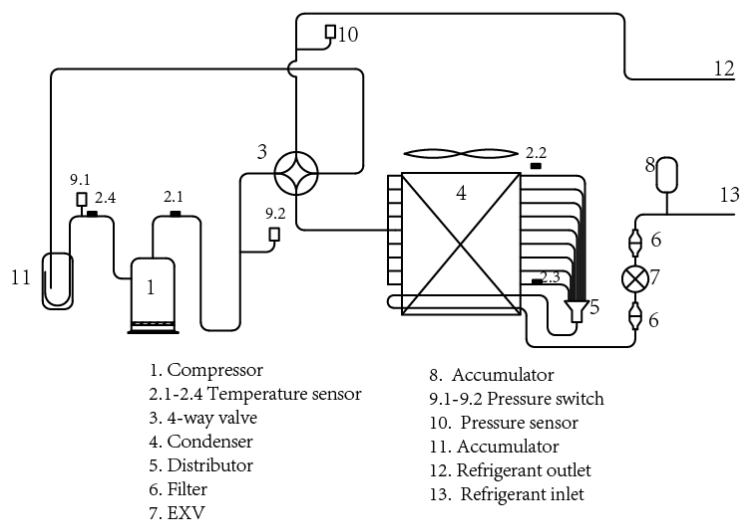
ELECTRICAL CONNECTION:

Unit	KHP-BI 8 DVN
Power supply	220-240 V / 1 phase / 50 Hz
Circuit Breaker	32

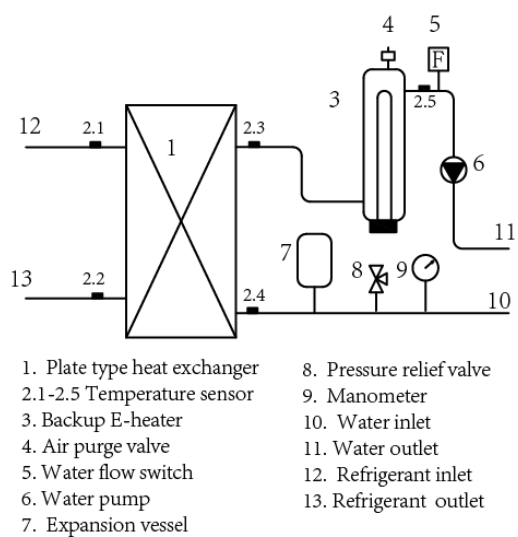


SYSTEM COMPONENTS:

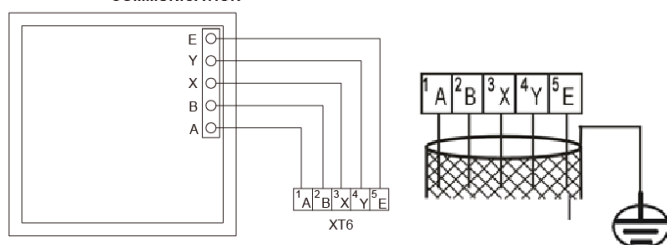
Outdoor unit diagram



Indoor unit diagram



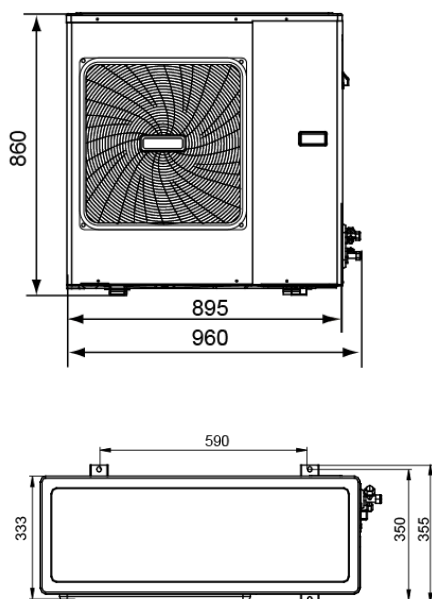
COMMUNICATION



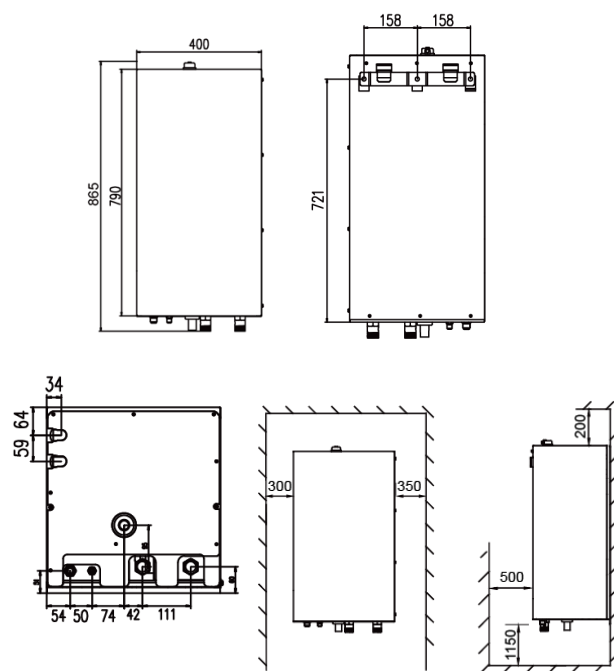
Communication with the user interface

DIMENSIONS OF UNITS AND INSTALLATION AREA

Outdoor Unit



Indoor Unit





ENG

PRODUCT SHEET – AQUATIX

OUTDOOR UNIT KHP-BI 12 DTN

INDOOR UNIT KIT KHP BI 16 TN

Product certified by:



SPECIFICATIONS:

Units	KHP-BI 12 DTN, KIT KHP BI 16 TN
Heating Capacity ¹	12,10 Kw
Heating Power Input ¹	2,68 kW
Heating Capacity ²	11,97 kW
Heating Power Input ²	3,50 kW
Cooling Capacity ³	12,10 kW
Cooling Power Input ³	2,82 kW
Cooling Capacity ⁴	11,70 kW
Cooling Power Input ⁴	4,65 kW
Backup Electric Heater	4,5 kW
Sound Pressure	66 dB(A)
Total Volume of Water	5 L

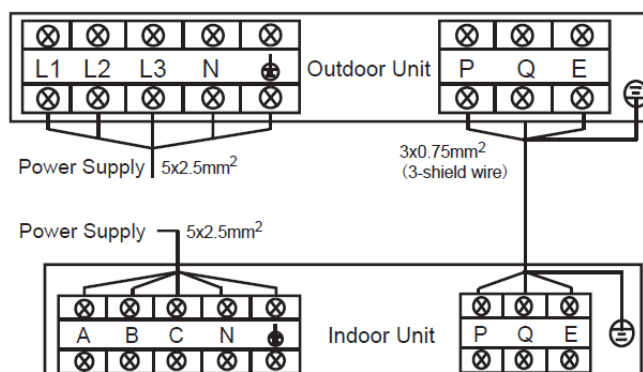
1. Outdoor air temperature 7°C and 85% R.H.; Water Inlet/Outlet 30°C/35°C.
2. Outdoor air temperature 7°C and 85% R.H.; Water Inlet/Outlet 40°C/45°C.
3. Outdoor air temperature 35°C and 85% R.H.; Water Inlet/Outlet 23°C/18°C.
4. Outdoor air temperature 35°C and 85% R.H.; Water Inlet/Outlet 12°C/7°C.

PIPING DIAMETERS:

Unit	KHP-BI 12 DTN	Unit	KIT KHP BI 16 TN
Diameter Liquid P.	ø9,5	Piping Connections	DN25
Diameter Gas P.	ø15,9		

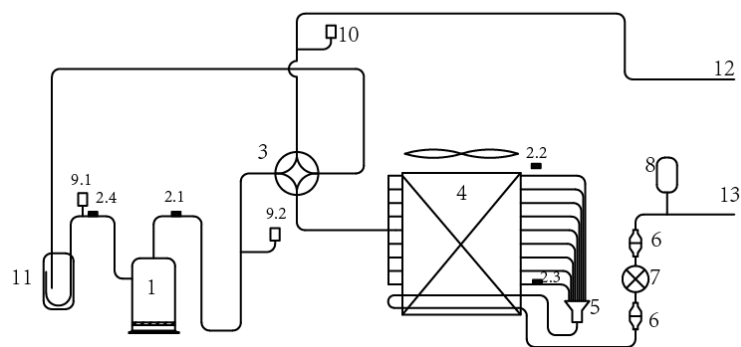
ELECTRICAL CONNECTION:

Unit	KHP-BI 12 DTN
Power supply	380-415 V / 3 phases / 50 Hz
Circuit Breaker	32



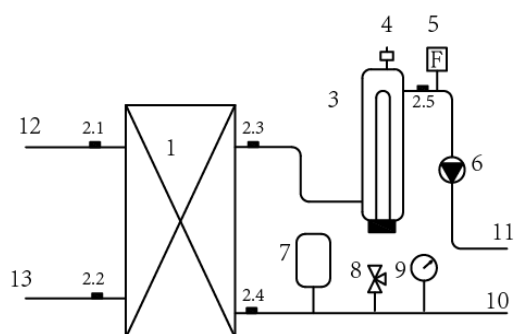
SYSTEM COMPONENTS:

Outdoor unit diagram



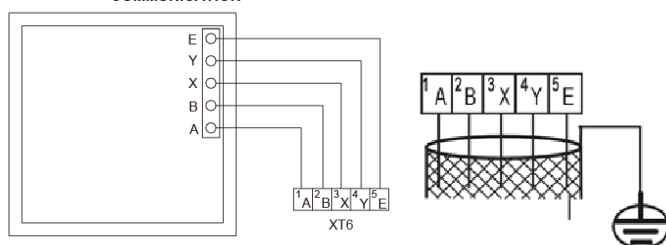
- 1. Compressor
- 2.1-2.4 Temperature sensor
- 3. 4-way valve
- 4. Condenser
- 5. Distributor
- 6. Filter
- 7. EXV
- 8. Accumulator
- 9.1-9.2 Pressure switch
- 10. Pressure sensor
- 11. Accumulator
- 12. Refrigerant outlet
- 13. Refrigerant inlet

Indoor unit diagram



- 1. Plate type heat exchanger
- 2.1-2.5 Temperature sensor
- 3. Backup E-heater
- 4. Air purge valve
- 5. Water flow switch
- 6. Water pump
- 7. Expansion vessel
- 8. Pressure relief valve
- 9. Manometer
- 10. Water inlet
- 11. Water outlet
- 12. Refrigerant inlet
- 13. Refrigerant outlet

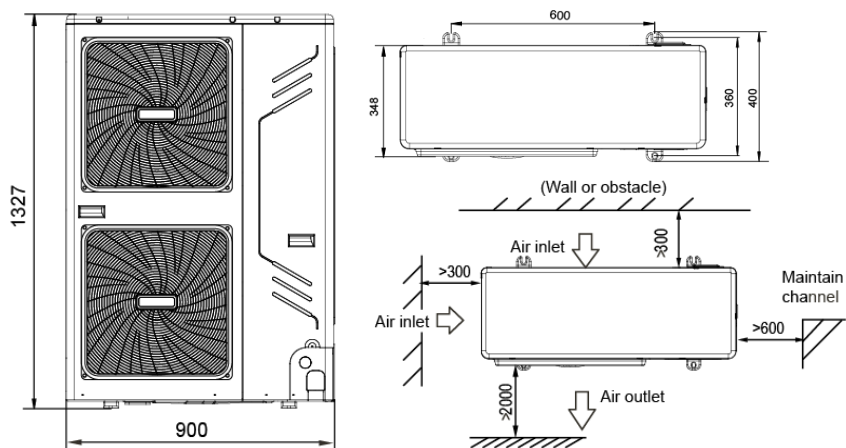
COMMUNICATION



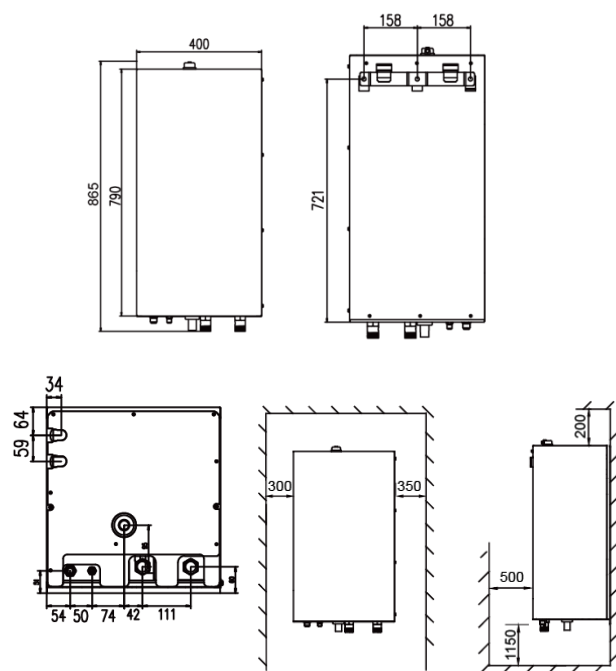
Communication with the user interface

DIMENSIONS OF UNITS AND INSTALLATION AREA

Outdoor Unit



Indoor Unit





PRODUCT SHEET – AQUATIX **OUTDOOR UNIT KHP-BI 12 DVN** **INDOOR UNIT KIT KHP BI 16 VN**

Product certified by:  

SPECIFICATIONS:

Units	KHP-BI 12 DVN, KIT KHP BI 16 VN
Heating Capacity ¹	12,10 kW
Heating Power Input ¹	2,74 kW
Heating Capacity ²	11,85 kW
Heating Power Input ²	3,48 kW
Cooling Capacity ³	11,80 kW
Cooling Power Input ³	2,65 kW
Cooling Capacity ⁴	11,02 kW
Cooling Power Input ⁴	4,17 kW
Backup Electric Heater	3 kW
Sound Pressure	66 dB(A)
Total Volume of Water	5 L

1. Outdoor air temperature 7°C and 85% R.H.; Water Inlet/Outlet 30°C/35°C.
2. Outdoor air temperature 7°C and 85% R.H.; Water Inlet/Outlet 40°C/45°C.
3. Outdoor air temperature 35°C and 85% R.H.; Water Inlet/Outlet 23°C/18°C.
4. Outdoor air temperature 35°C and 85% R.H.; Water Inlet/Outlet 12°C/7°C.

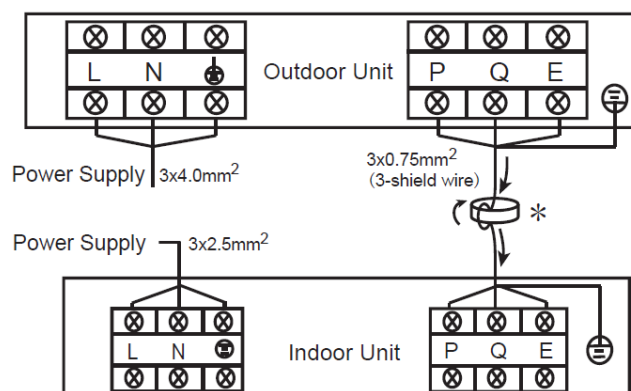
PIPING DIAMETERS:

Unit	KHP-BI 12 DVN
Diameter Liquid P.	ø9,5
Diameter Gas P.	ø15,9

Unit	KIT KHP BI 16 VN
Piping Connections	DN25

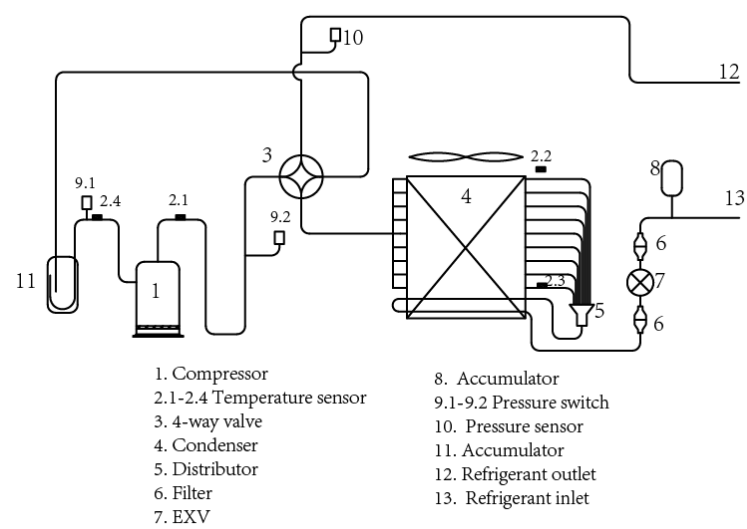
ELECTRICAL CONNECTION:

Unit	KHP-BI 12 DVN
Power supply	220-240 V / 1 phase / 50 Hz
Circuit Breaker	32

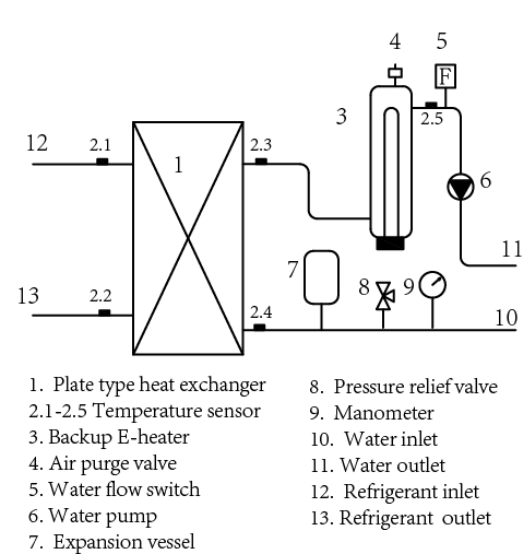


SYSTEM COMPONENTS:

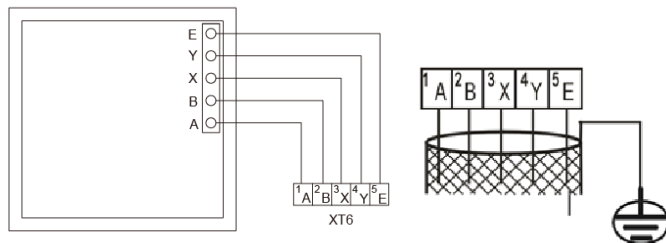
Outdoor unit diagram



Indoor unit diagram



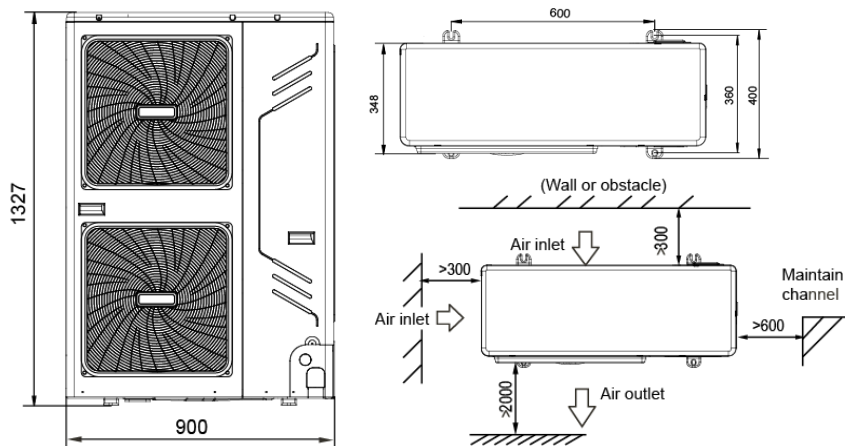
COMMUNICATION



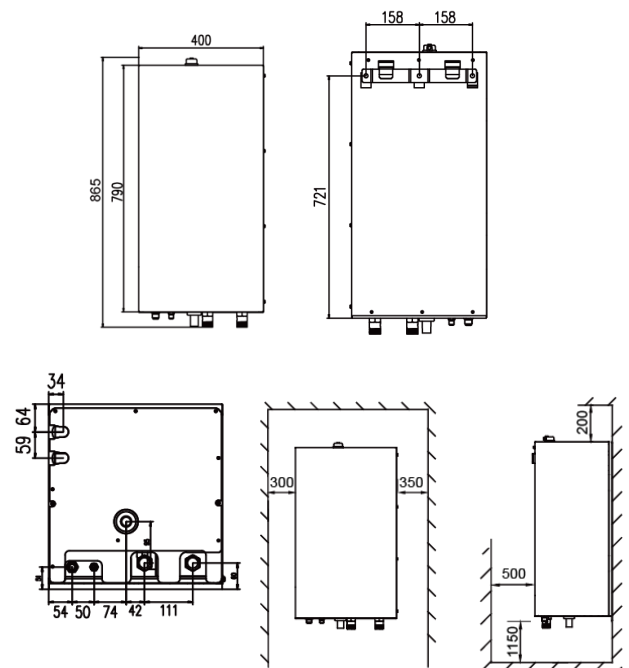
Communication with the user interface

DIMENSIONS OF UNITS AND INSTALLATION AREA

Outdoor Unit



Indoor Unit





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PRODUCT SHEET – AQUATIX

OUTDOOR UNIT KHP-BI 14 DTN

INDOOR UNIT KIT KHP BI 16 TN

Product certified by:



SPECIFICATIONS:

Units	KHP-BI 14 DTN, KIT KHP BI 16 TN
Heating Capacity ¹	14,00 kW
Heating Power Input ¹	3,26 kW
Heating Capacity ²	13,93 kW
Heating Power Input ²	4,21 kW
Cooling Capacity ³	13,00 kW
Cooling Power Input ³	3,21 kW
Cooling Capacity ⁴	12,53 kW
Cooling Power Input ⁴	5,21 kW
Backup Electric Heater	4,5 kW
Sound Pressure	69 dB(A)
Total Volume of Water	5 L

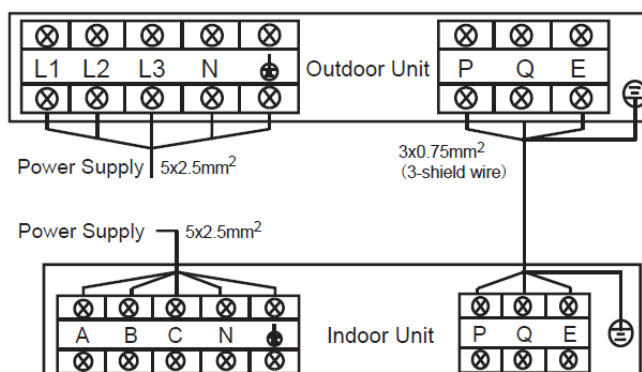
1. Outdoor air temperature 7°C and 85% R.H.; Water Inlet/Outlet 30°C/35°C.
2. Outdoor air temperature 7°C and 85% R.H.; Water Inlet/Outlet 40°C/45°C.
3. Outdoor air temperature 35°C and 85% R.H.; Water Inlet/Outlet 23°C/18°C.
4. Outdoor air temperature 35°C and 85% R.H.; Water Inlet/Outlet 12°C/7°C.

PIPING DIAMETERS:

Unit	KHP-BI 14DTN	Unit	KIT KHP BI 16 TN
Diameter Liquid P.	ø9,5	Piping Connections	DN25
Diameter Gas P.	ø15,9		

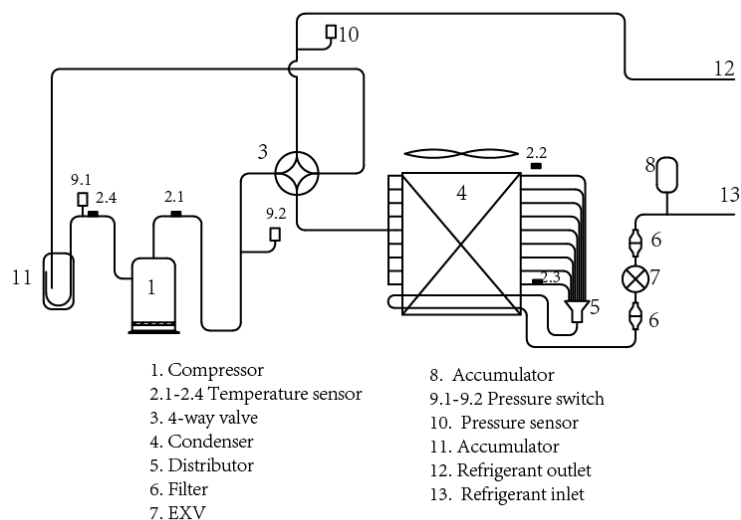
ELECTRICAL CONNECTION:

Unit	KHP-BI 14 DTN
Power supply	380-415 V / 3 phases / 50 Hz
Circuit Breaker	32

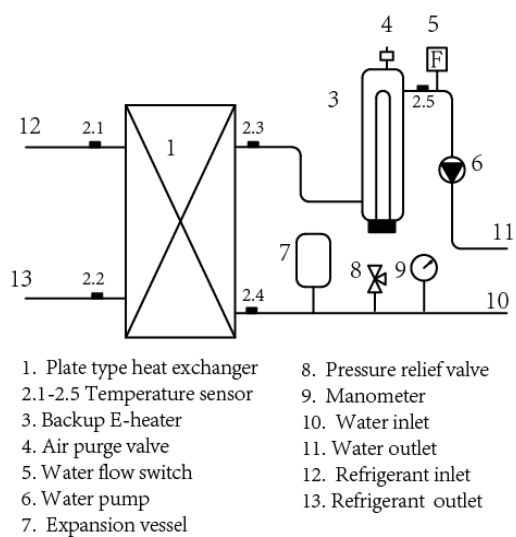


SYSTEM COMPONENTS:

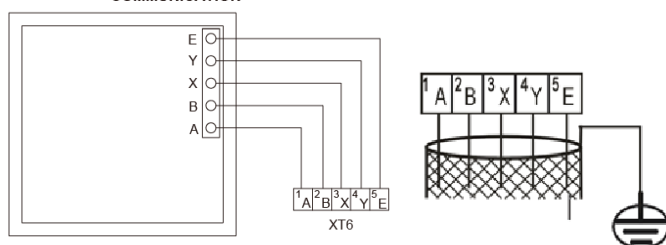
Outdoor unit diagram



Indoor unit diagram



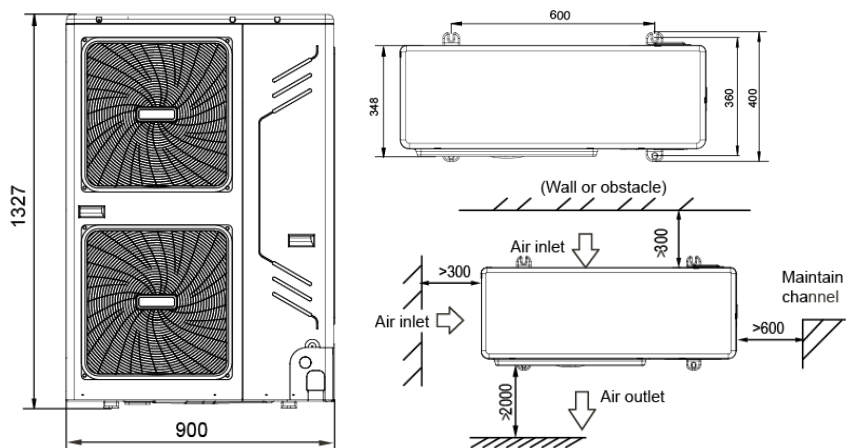
COMMUNICATION



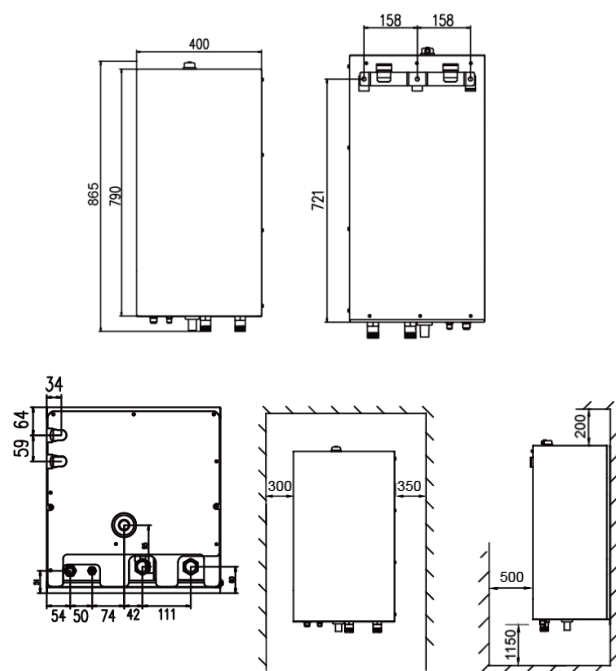
Communication with the user interface

DIMENSIONS OF UNITS AND INSTALLATION AREA

Outdoor Unit



Indoor Unit





ENG

PRODUCT SHEET – AQUATIX

OUTDOOR UNIT KHP-BI 14 DVN

INDOOR UNIT KIT KHP BI 16 VN

Product certified by:



SPECIFICATIONS:

Units	KHP-BI 14 DVN, KIT KHP BI 16 VN
Heating Capacity ¹	14,00 kW
Heating Power Input ¹	3,39 kW
Heating Capacity ²	14,05 kW
Heating Power Input ²	4,41 kW
Cooling Capacity ³	13,00 kW
Cooling Power Input ³	2,65 kW
Cooling Capacity ⁴	12,49 kW
Cooling Power Input ⁴	5,07 kW
Backup Electric Heater	3 kW
Sound Pressure	69 dB(A)
Total Volume of Water	5 L

1. Outdoor air temperature 7°C and 85% R.H.; Water Inlet/Outlet 30°C/35°C.
2. Outdoor air temperature 7°C and 85% R.H.; Water Inlet/Outlet 40°C/45°C.
3. Outdoor air temperature 35°C and 85% R.H.; Water Inlet/Outlet 23°C/18°C.
4. Outdoor air temperature 35°C and 85% R.H.; Water Inlet/Outlet 12°C/7°C.

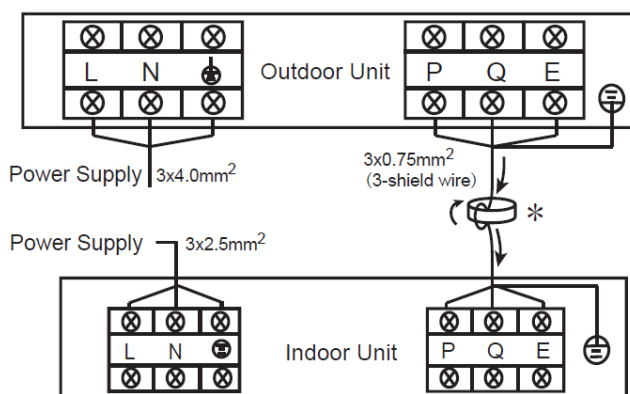
PIPING DIAMETERS:

Unit	KHP-BI 14 DVN
Diameter Liquid P.	ø9,5
Diameter Gas P.	ø15,9

Unit	KIT KHP BI 16 VN
Piping Connections	DN25

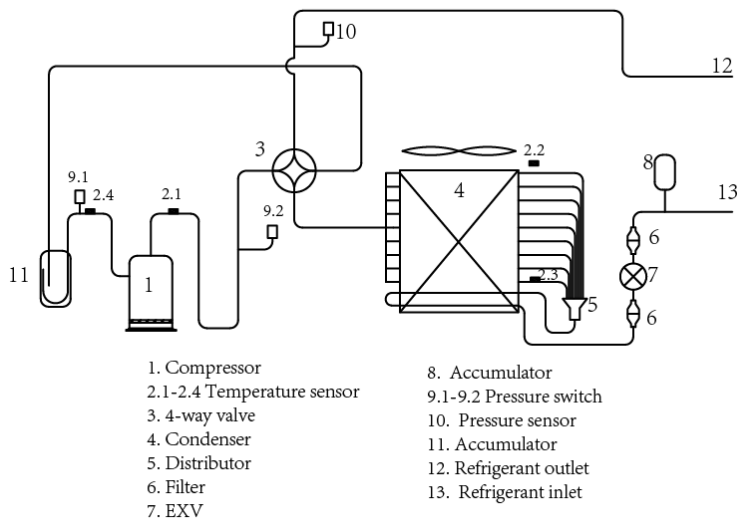
ELECTRICAL CONNECTION:

Unit	KHP-BI 14 DVN
Power supply	220-240 V / 1 phase / 50 Hz
Circuit Breaker	32

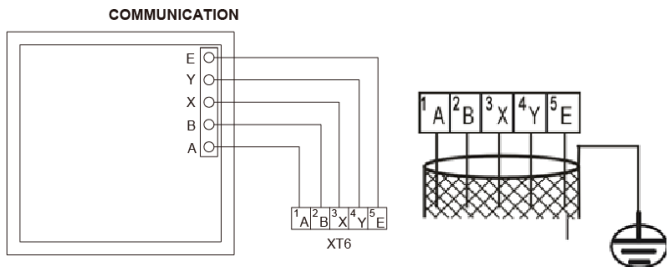
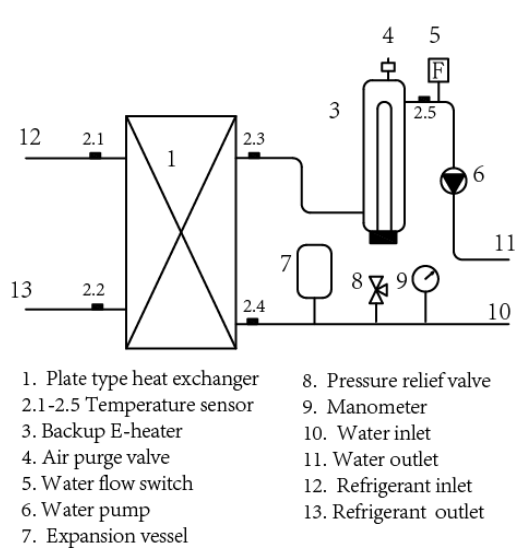


SYSTEM COMPONENTS:

Outdoor unit diagram



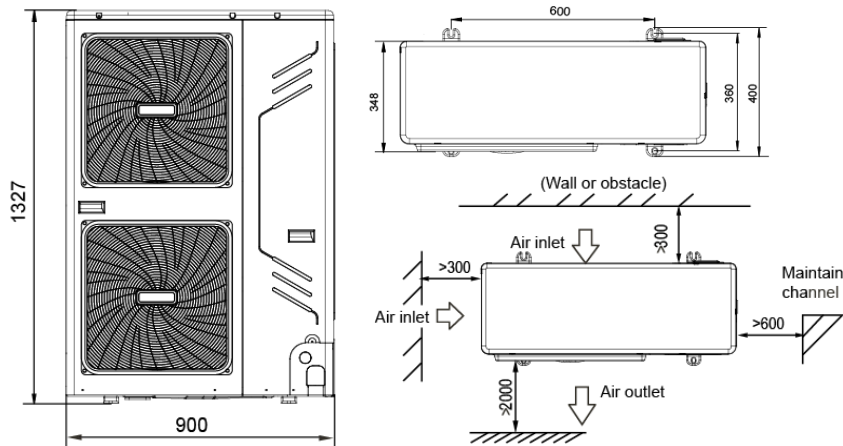
Indoor unit diagram



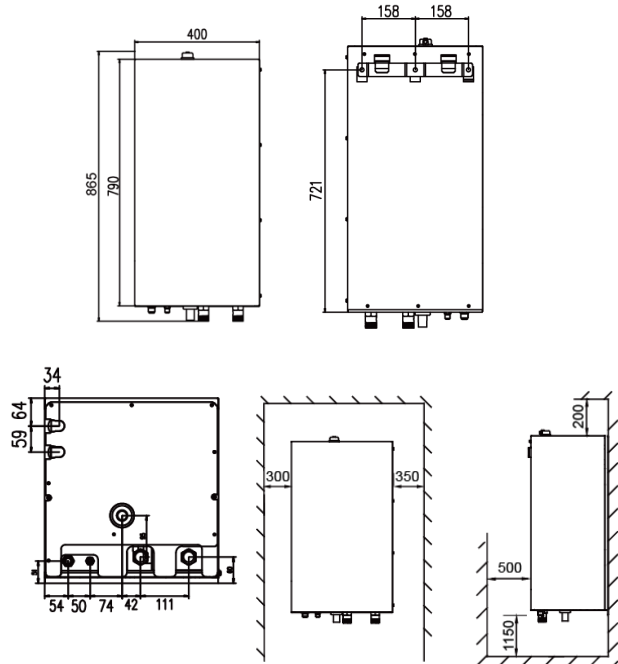
Communication with the user interface

DIMENSIONS OF UNITS AND INSTALLATION AREA

Outdoor Unit



Indoor Unit





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PRODUCT SHEET – AQUATIX

OUTDOOR UNIT KHP-BI 16 DTN

INDOOR UNIT KIT KHP BI 16 TN

Product certified by:



SPECIFICATIONS:

Units	KHP-BI 16 DTN, KIT KHP BI 16 TN
Heating Capacity ¹	15,50 kW
Heating Power Input ¹	3,79 kW
Heating Capacity ²	15,48 kW
Heating Power Input ²	4,87 kW
Cooling Capacity ³	14,00 kW
Cooling Power Input ³	3,68 kW
Cooling Capacity ⁴	12,91 kW
Cooling Power Input ⁴	5,52 kW
Backup Electric Heater	4,5 kW
Sound Pressure	69 dB(A)
Total Volume of Water	5 L

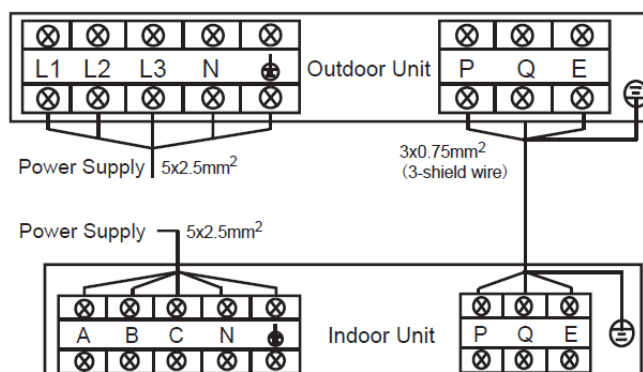
1. Outdoor air temperature 7°C and 85% R.H.; Water Inlet/Outlet 30°C/35°C.
2. Outdoor air temperature 7°C and 85% R.H.; Water Inlet/Outlet 40°C/45°C.
3. Outdoor air temperature 35°C and 85% R.H.; Water Inlet/Outlet 23°C/18°C.
4. Outdoor air temperature 35°C and 85% R.H.; Water Inlet/Outlet 12°C/7°C.

PIPING DIAMETERS:

Unit	KHP-BI 16 DTN	Unit	KIT KHP BI 16 TN
Diameter Liquid P.	ø9,5	Piping Connections	DN25
Diameter Gas P.	ø15,9		

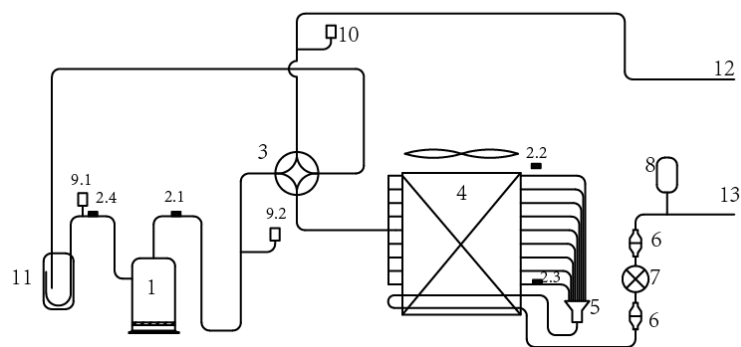
ELECTRICAL CONNECTION:

Unit	KHP-BI 16 DTN
Power supply	380-415 V / 3 phases / 50 Hz
Circuit Breaker	32



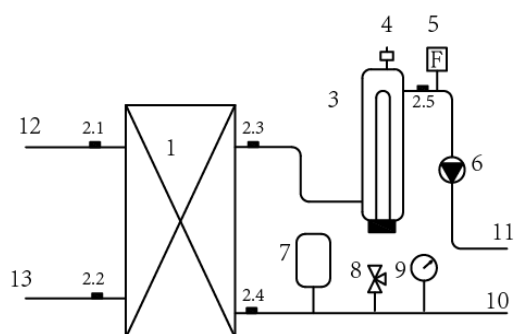
SYSTEM COMPONENTS:

Outdoor unit diagram



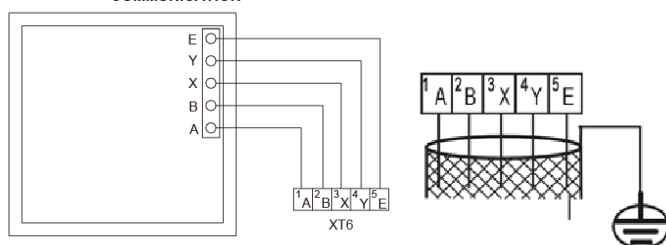
- 1. Compressor
- 2.1-2.4 Temperature sensor
- 3. 4-way valve
- 4. Condenser
- 5. Distributor
- 6. Filter
- 7. EXV
- 8. Accumulator
- 9.1-9.2 Pressure switch
- 10. Pressure sensor
- 11. Accumulator
- 12. Refrigerant outlet
- 13. Refrigerant inlet

Indoor unit diagram



- 1. Plate type heat exchanger
- 2.1-2.5 Temperature sensor
- 3. Backup E-heater
- 4. Air purge valve
- 5. Water flow switch
- 6. Water pump
- 7. Expansion vessel
- 8. Pressure relief valve
- 9. Manometer
- 10. Water inlet
- 11. Water outlet
- 12. Refrigerant inlet
- 13. Refrigerant outlet

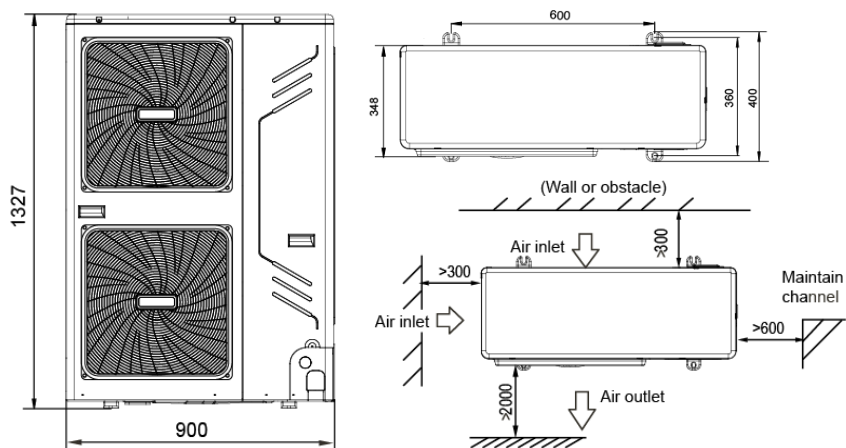
COMMUNICATION



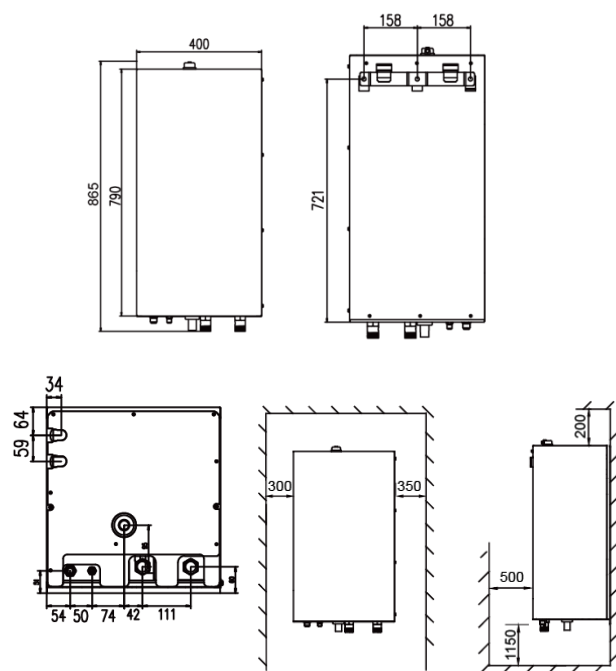
Communication with the user interface

DIMENSIONS OF UNITS AND INSTALLATION AREA

Outdoor Unit



Indoor Unit





ENG

PRODUCT SHEET – AQUATIX

OUTDOOR UNIT KHP-BI 16 DVN

INDOOR UNIT KIT KHP BI 16 VN

Product certified by:  

SPECIFICATIONS:

Units	KHP-BI 16 DVN, KIT KHP BI 16 VN
Heating Capacity ¹	15,50 kW
Heating Power Input ¹	3,82 kW
Heating Capacity ²	16,05 kW
Heating Power Input ²	5,03 kW
Cooling Capacity ³	14,00 kW
Cooling Power Input ³	3,63 kW
Cooling Capacity ⁴	12,85 kW
Cooling Power Input ⁴	5,39 kW
Backup Electric Heater	3 kW
Sound Pressure	71 dB(A)
Total Volume of Water	5 L

1. Outdoor air temperature 7°C and 85% R.H.; Water Inlet/Outlet 30°C/35°C.
2. Outdoor air temperature 7°C and 85% R.H.; Water Inlet/Outlet 40°C/45°C.
3. Outdoor air temperature 35°C and 85% R.H.; Water Inlet/Outlet 23°C/18°C.
4. Outdoor air temperature 35°C and 85% R.H.; Water Inlet/Outlet 12°C/7°C.

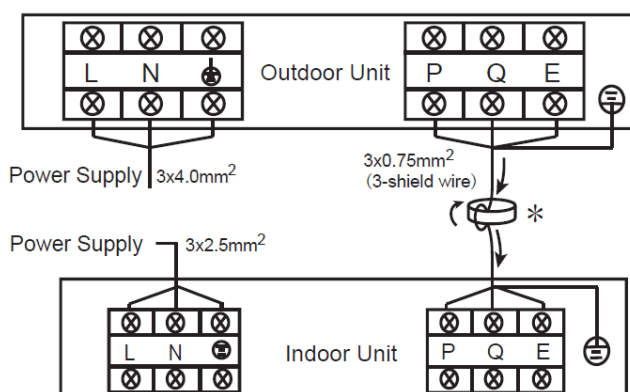
PIPING DIAMETERS:

Unit	KHP-BI 16 DVN
Diameter Liquid P.	ø9,5
Diameter Gas P.	ø15,9

Unit	KIT KHP BI 16 VN
Piping Connections	DN25

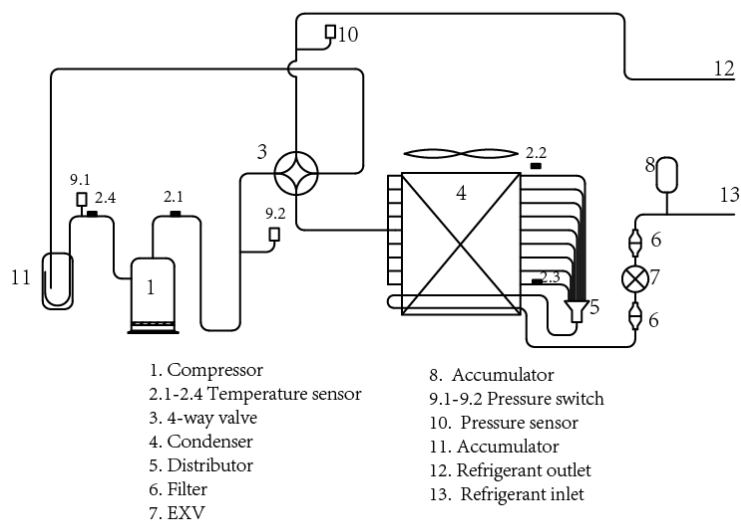
ELECTRICAL CONNECTION:

Unit	KHP-BI 16 DVN
Power supply	220-240 V / 1 phase / 50 Hz
Circuit Breaker	32

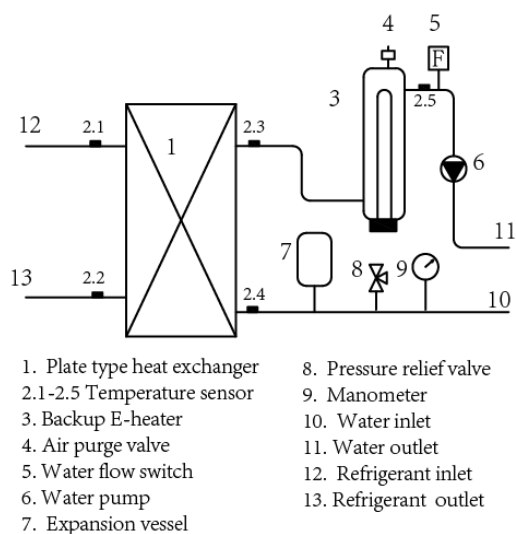


SYSTEM COMPONENTS:

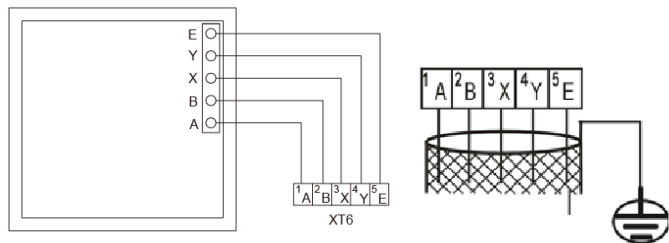
Outdoor unit diagram



Indoor unit diagram



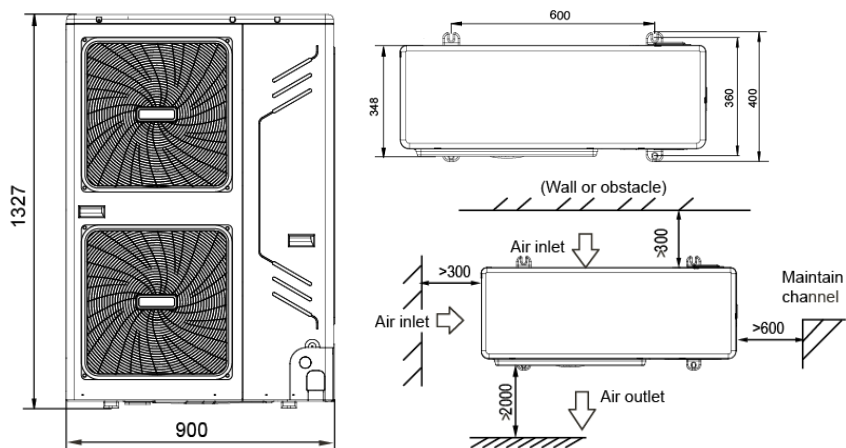
COMMUNICATION



Communication with the user interface

DIMENSIONS OF UNITS AND INSTALLATION AREA

Outdoor Unit



Indoor Unit

