

Aquantia KHPMS-BI PRO

Bibloc Wall-Mounted Set

PRODUCT SHEET



Product certified by:



FEATURES

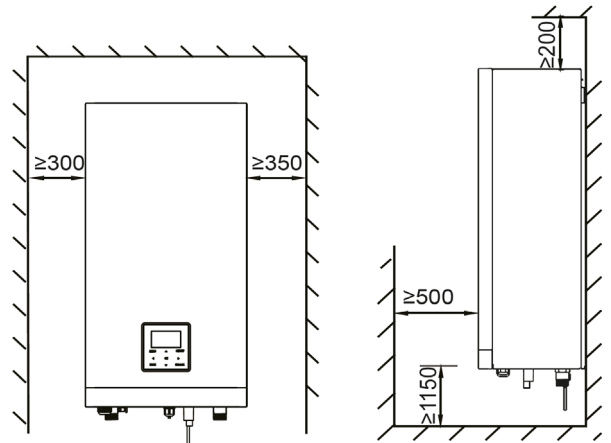
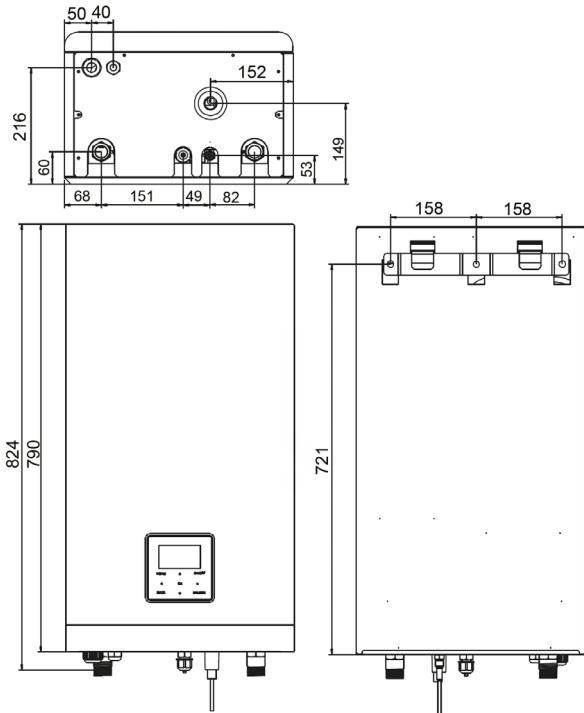
| Model | Set | | KHPMS-BI 4 DVR PRO |
|---|---|-----------------------|------------------------------|
| | Indoor unit | | KHPM-BI 6 DVR2 |
| | Outdoor unit | | KHP-BI 4 DVR2 |
| Outdoor unit | Net / Gross weight | | 60,0 kg / 65,5 kg |
| | Drain connection | | DN32 mm |
| | Sound power | | 56 dB(A) |
| | Power supply | | 220-240 V / 1 / 50 Hz |
| | Max. intensity | | 18,0 A |
| | Recommended fuse | | D20 A |
| | Refrigerant / Refrigerant charge | | R-32 / 1,5 kg |
| | Additional refrigerant charge (from 15 m) | | 20,0 g/m |
| | Liquid / gas pipe diameter (OD) | | Ø6,35 mm / Ø15,9 mm |
| | Max. vertical / total distance | | 20 m / 30 m |
| Indoor unit | Net / Gross curb weight | | 37,0 kg / 43,0 kg |
| | Connections diameter | | R1" |
| | Drain connection | | DN25 mm |
| | Expansion vessel included | | 8,0 L |
| | Max. pump available pressure | | 8,5 m |
| | Sound power | | 38 dB(A) |
| | Power supply | | 220-240 V / 1 / 50 Hz |
| | Max. intensity | | 14,30 A |
| | Recommended fuse | | C16 A |
| | Backup electrical resistance | | 3,0 kW |
| | Rated water flow | | 0,7 m ³ /h |
| | Water flow range | | 0,4 ~ 1,25 m ³ /h |
| | DHW tank (not included) | Minimum DHW coil area | Stainless |
| Enamelled steel | | | 2,0 m ² |
| Recommended tank capacity | | 100 L ~ 250 L | |
| Recommended model | | BSX270 | |
| Max. tank installation distance from the hydrobox | | 5 m | |
| Water outlet temperature | Heating & DHW | | +25 ~ +65 °C |
| | Cooling | | +5 ~ +25 °C |
| Operating range | Heating | | -25 ~ +35 °C |
| | DHW | | -25 ~ +43 °C |
| | Cooling | | -5 ~ +43 °C |

NOTES:

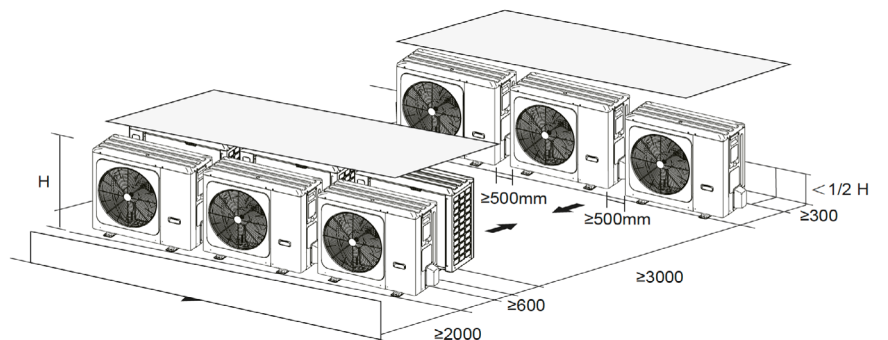
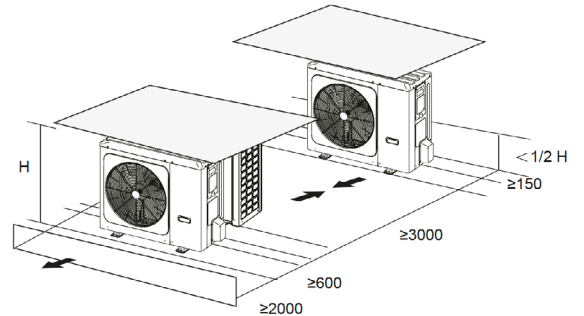
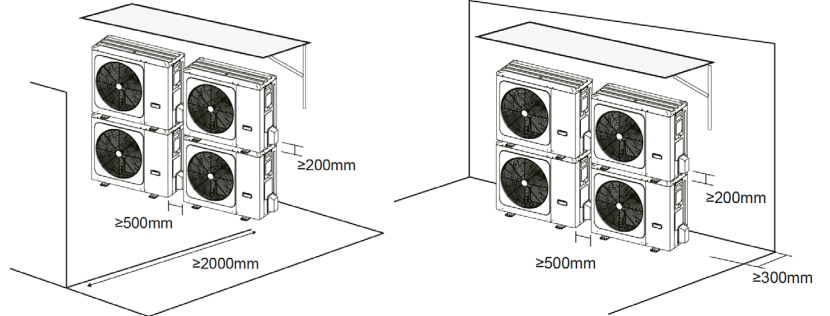
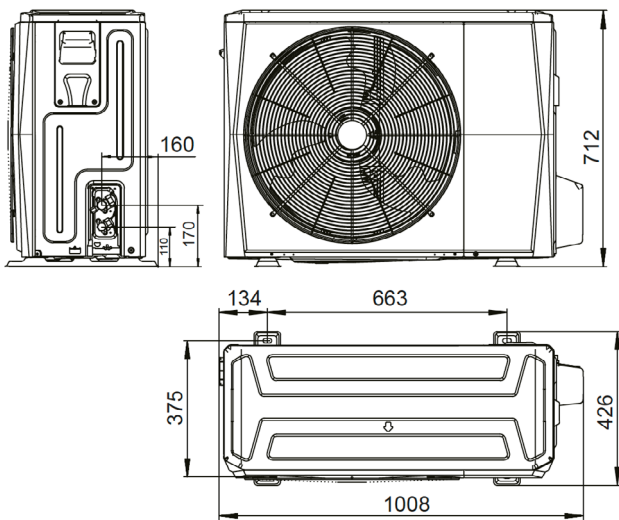
(1) The data and specifications present in this sheet may vary without notice.

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

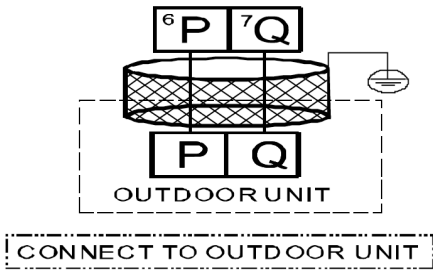
INDOOR UNIT DIMENSIONS & INSTALLATION DISTANCES



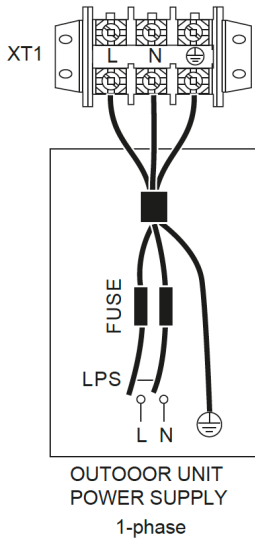
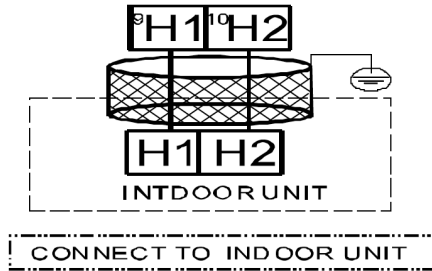
OUTDOOR UNIT DIMENSIONS & INSTALLATION DISTANCES



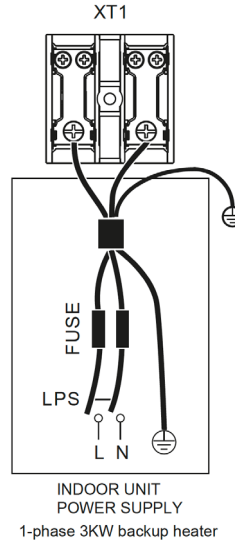
ELECTRICAL CONNECTION



Internal machine parallel



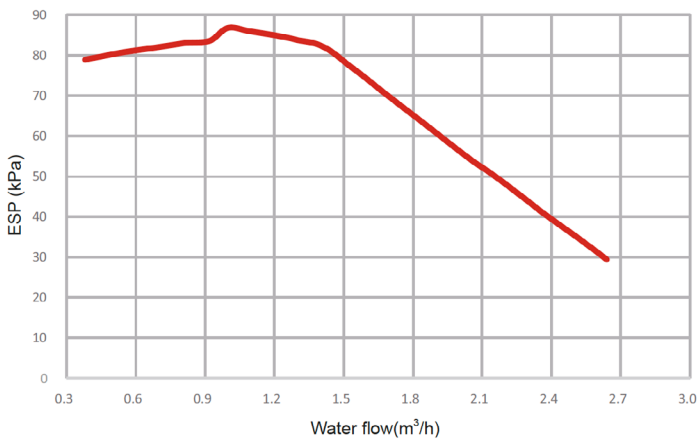
| | |
|--------------------------------------|---------------------|
| Unit | 4 kW |
| Max. overcurrent protector (MOP) (A) | 18 A |
| Wiring size (mm ²) | 4,0 mm ² |



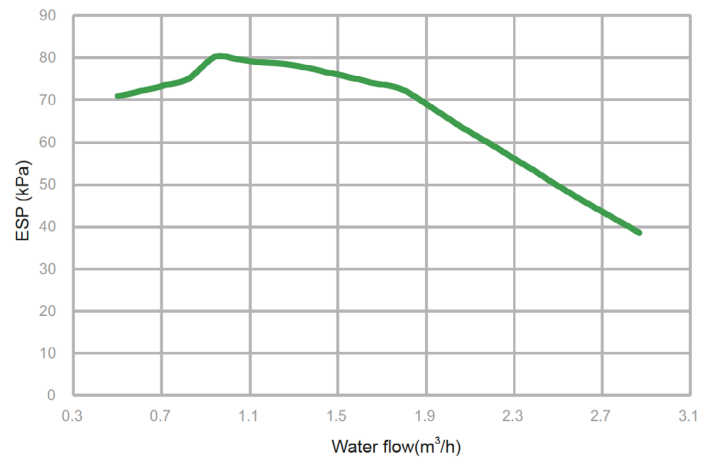
| | |
|-------------|--------------------|
| Unit | 3 kW - 1 PH |
| Wiring size | 4 mm ² |

PUMP CURVE

HB-A60(100)/CGN8-B hydronic performance



HB-A160/CGN8-B hydronic performance



PERFORMANCES

| | Heating | | | | Cooling | |
|---------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|--------------------------------|
| | A+7°C Capacity kW / W+35°C COP | A+7°C Capacity kW / W+55°C COP | A-7°C Capacity kW / W+35°C COP | A-7°C Capacity kW / W+55°C COP | A+35°C Capacity kW / W+18°C EER | A+35°C Capacity kW / W+7°C EER |
| KHPMS-BI 4 DVR PRO | 4,25 / 5,20 | 4,40 / 2,95 | 4,70 / 3,10 | 4,00 / 1,95 | 4,50 / 5,55 | 4,70 / 3,45 |

SOUND PRESSURE

| | Sound pressure Outdoor unit dB(A) | Sound pressure Indoor unit dB(A) |
|---------------------------|--------------------------------------|-------------------------------------|
| KHPMS-BI 4 DVR PRO | 44 | 28 |

Aquantia KHPMS-BI PRO

Bibloc Wall-Mounted Set

PRODUCT SHEET



Product certified by:



FEATURES

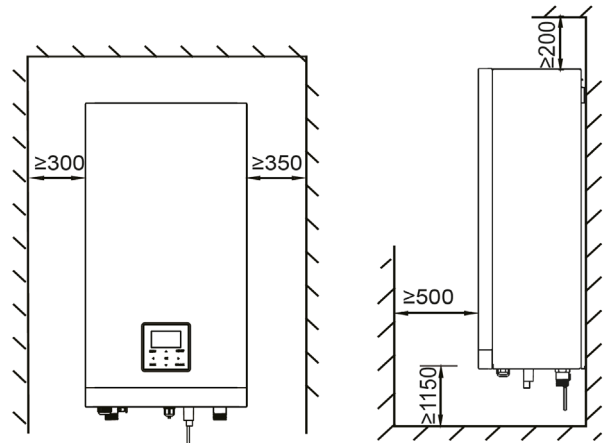
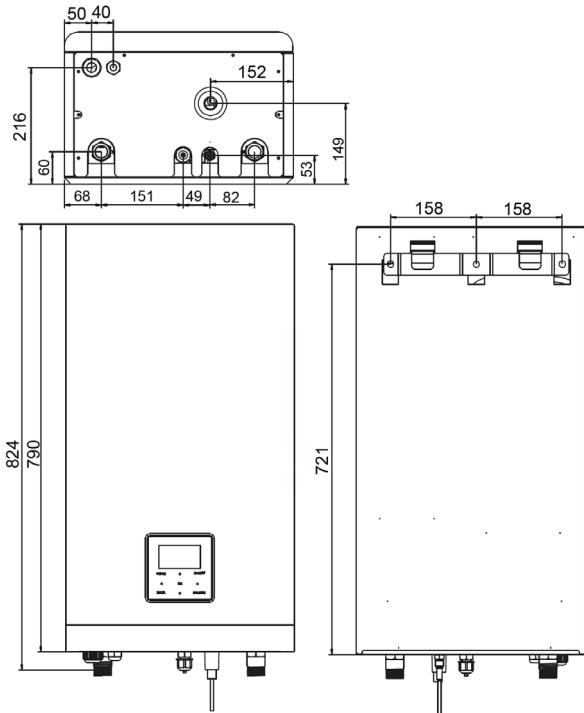
| Model | Set | | KHPMS-BI 6 DVR PRO |
|---|---|-----------------|-----------------------|
| | Indoor unit | | KHPM-BI 6 DVR2 |
| | Outdoor unit | | KHP-BI 6 DVR2 |
| Outdoor unit | Net / Gross weight | | 60,0 kg / 65,5 kg |
| | Drain connection | | DN32 mm |
| | Sound power | | 58 dB(A) |
| | Power supply | | 220-240 V / 1 / 50 Hz |
| | Max. intensity | | 18,0 A |
| | Recommended fuse | | D20 A |
| | Refrigerant / Refrigerant charge | | R-32 / 1,5 kg |
| | Additional refrigerant charge (from 15 m) | | 20,0 g/m |
| | Liquid / gas pipe diameter (OD) | | Ø6,35 mm / Ø15,9 mm |
| | Max. vertical / total distance | | 20 m / 30 m |
| Indoor unit | Net / Gross curb weight | | 37,0 kg / 43,0 kg |
| | Connections diameter | | R1" |
| | Drain connection | | DN25 mm |
| | Expansion vessel included | | 8,0 L |
| | Max. pump available pressure | | 8,5 m |
| | Sound power | | 38 dB(A) |
| | Power supply | | 220-240 V / 1 / 50 Hz |
| | Max. intensity | | 14,30 A |
| | Recommended fuse | | C16 A |
| | Backup electrical resistance | | 3,0 kW |
| DHW tank (not included) | Minimum DHW coil area | Stainless | 1,4 m ² |
| | | Enamelled steel | 2,0 m ² |
| | Recommended tank capacity | | 100 L ~ 250 L |
| | Recommended model | | BSX270 |
| Max. tank installation distance from the hydrobox | | 5 m | |
| Water outlet temperature | Heating & DHW | | +25 ~ +65 °C |
| | Cooling | | +5 ~ +25 °C |
| Operating range | Heating | | -25 ~ +35 °C |
| | DHW | | -25 ~ +43 °C |
| | Cooling | | -5 ~ +43 °C |

NOTES:

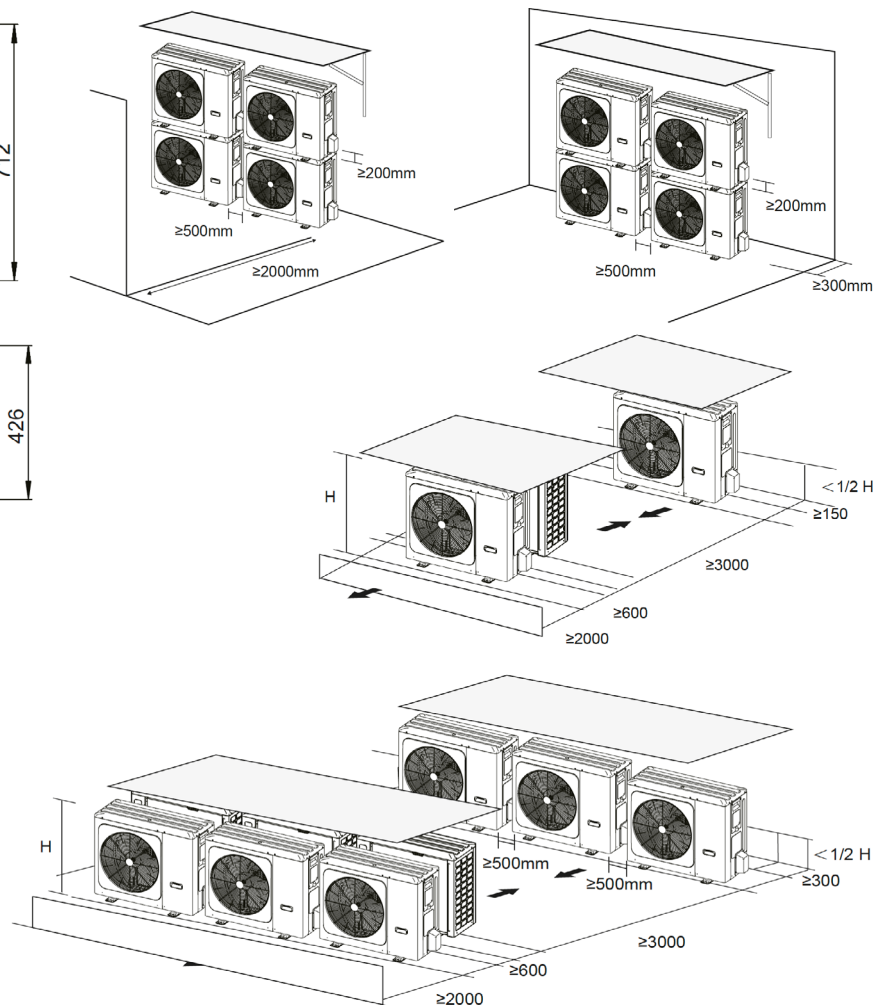
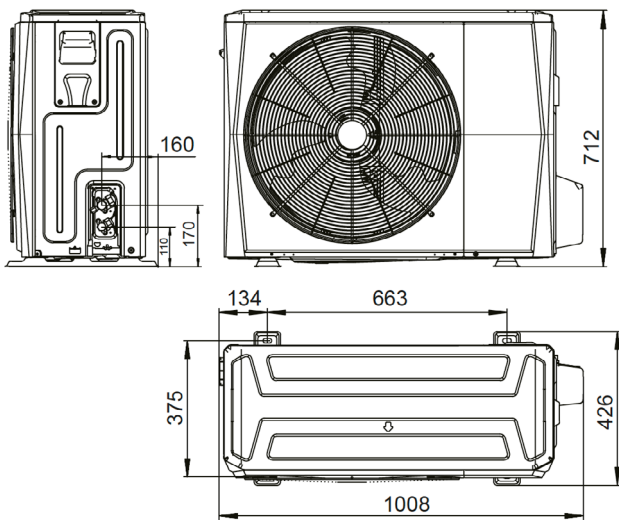
(1) The data and specifications present in this sheet may vary without notice.

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

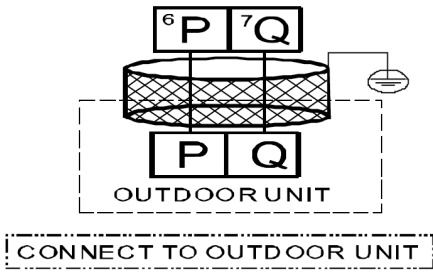
INDOOR UNIT DIMENSIONS & INSTALLATION DISTANCES



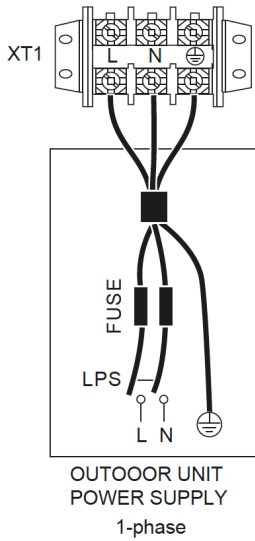
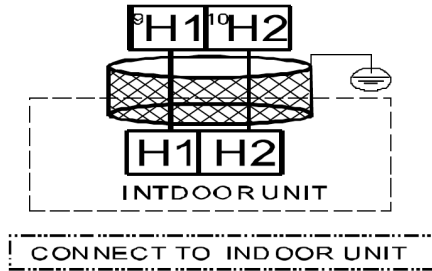
OUTDOOR UNIT DIMENSIONS & INSTALLATION DISTANCES



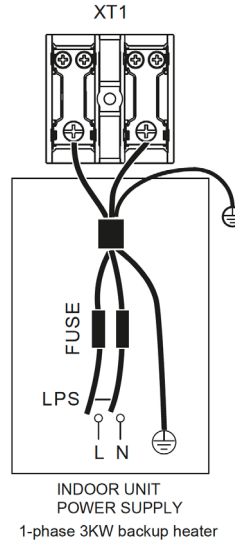
ELECTRICAL CONNECTION



Internal machine parallel



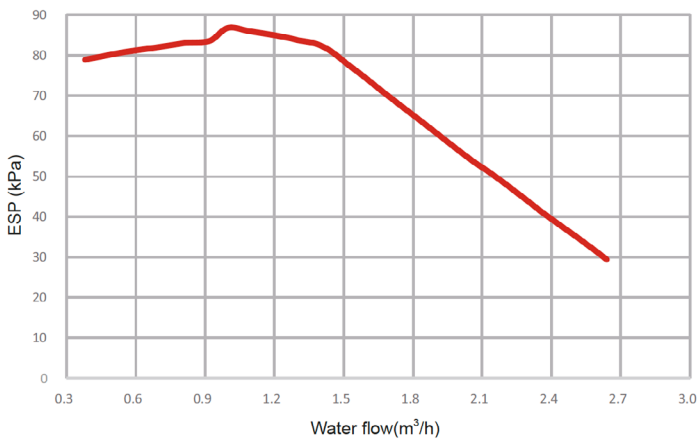
| | |
|--------------------------------------|---------------------|
| Unit | 6 kW |
| Max. overcurrent protector (MOP) (A) | 18 A |
| Wiring size (mm ²) | 4,0 mm ² |



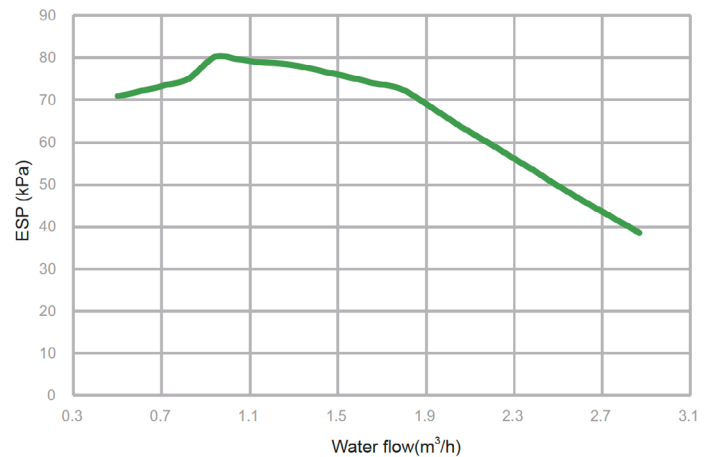
| | |
|-------------|--------------------|
| Unit | 3 kW - 1 PH |
| Wiring size | 4 mm ² |

PUMP CURVE

HB-A60(100)/CGN8-B hydronic performance



HB-A160/CGN8-B hydronic performance



PERFORMANCES

| | Heating | | | | Cooling | |
|---------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|--------------------------------|
| | A+7°C Capacity kW / W+35°C COP | A+7°C Capacity kW / W+55°C COP | A-7°C Capacity kW / W+35°C COP | A-7°C Capacity kW / W+55°C COP | A+35°C Capacity kW / W+18°C EER | A+35°C Capacity kW / W+7°C EER |
| KHPMS-BI 6 DVR PRO | 6,20 / 5,00 | 6,00 / 3,00 | 6,00 / 3,00 | 5,15 / 2,00 | 6,55 / 4,90 | 7,00 / 3,00 |

SOUND PRESSURE



| | Sound pressure Outdoor unit dB(A) | Sound pressure Indoor unit dB(A) |
|---------------------------|--------------------------------------|-------------------------------------|
| KHPMS-BI 6 DVR PRO | 45 | 28 |

Aquantia KHPMS-BI PRO

Bibloc Wall-Mounted Set

PRODUCT SHEET



Product certified by:  



FEATURES

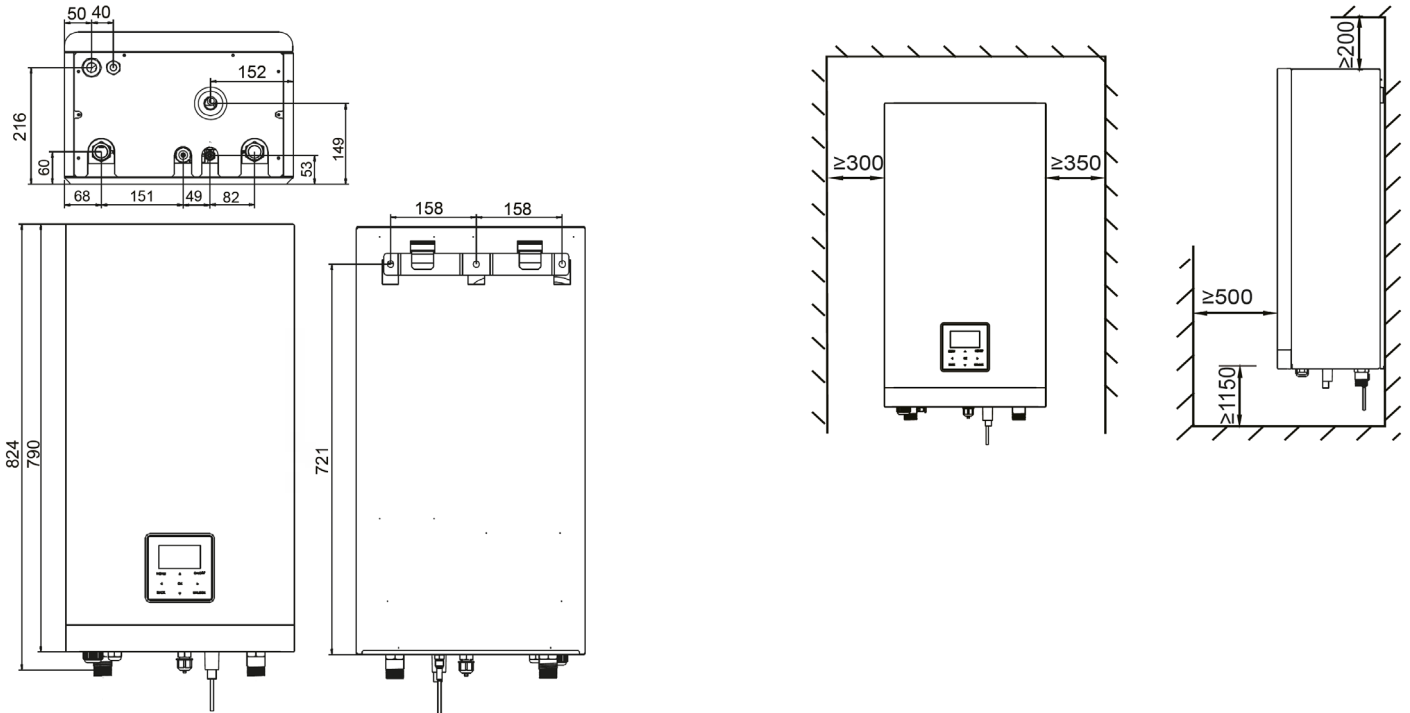
| Model | Set | | KHPMS-BI 8 DVR PRO |
|---|---|-----------------------|-----------------------|
| | Indoor unit | | KHPM-BI 10 DVR2 |
| | Outdoor unit | | KHP-BI 8 DVR2 |
| Outdoor unit | Net / Gross weight | | 78,5 kg / 92,0 kg |
| | Drain connection | | DN32 mm |
| | Sound power | | 59 dB(A) |
| | Power supply | | 220-240 V / 1 / 50 Hz |
| | Max. intensity | | 19,0 A |
| | Recommended fuse | | D20 A |
| | Refrigerant / Refrigerant charge | | R-32 / 1,65 kg |
| | Additional refrigerant charge (from 15 m) | | 38,0 g/m |
| | Liquid / gas pipe diameter (OD) | | Ø9,52 mm / Ø15,9 mm |
| | Max. vertical / total distance | | 20 m / 30 m |
| Indoor unit | Net / Gross curb weight | | 37,0 kg / 43,0 kg |
| | Connections diameter | | R1" |
| | Drain connection | | DN25 mm |
| | Expansion vessel included | | 8,0 L |
| | Max. pump available pressure | | 8,5 m |
| | Sound power | | 42 dB(A) |
| | Power supply | | 220-240 V / 1 / 50 Hz |
| | Max. intensity | | 14,30 A |
| | Recommended fuse | | C16 A |
| | Backup electrical resistance | | 3,0 kW |
| | Rated water flow | | 1,4 m³/h |
| | Water flow range | | 0,4 ~ 2,1 m³/h |
| | DHW tank (not included) | Minimum DHW coil area | Stainless |
| Enamelled steel | | | 2,0 m² |
| Recommended tank capacity | | 150 L ~ 300 L | |
| Recommended model | | BSX270 | |
| Max. tank installation distance from the hydrobox | | 5 m | |
| Water outlet temperature | Heating & DHW | | +25 ~ +65 °C |
| | Cooling | | +5 ~ +25 °C |
| Operating range | Heating | | -25 ~ +35 °C |
| | DHW | | -25 ~ +43 °C |
| | Cooling | | -5 ~ +43 °C |

NOTES:

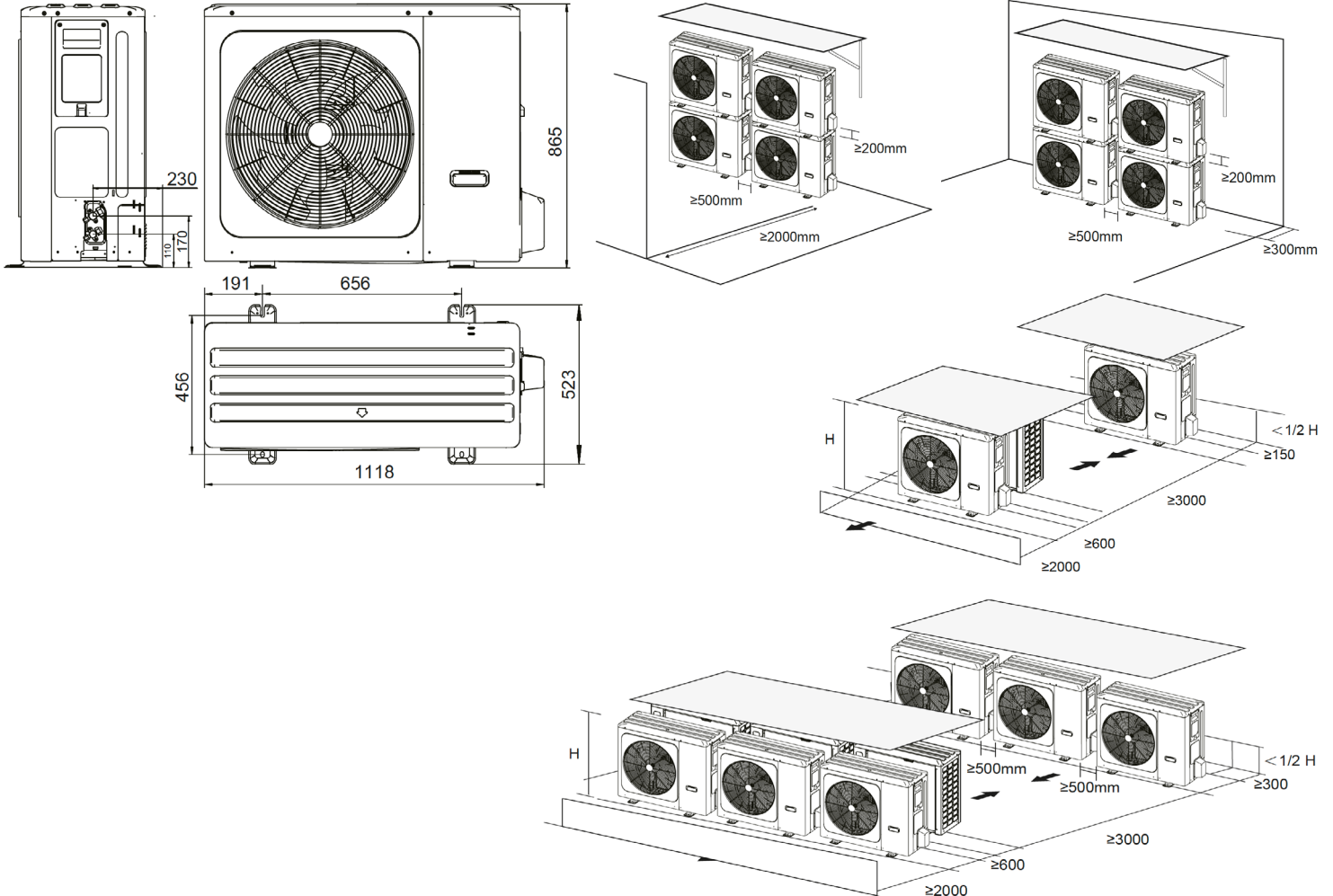
(1) The data and specifications present in this sheet may vary without notice.

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

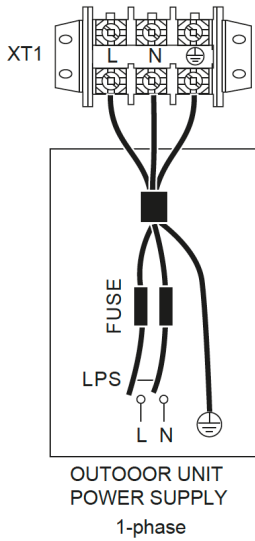
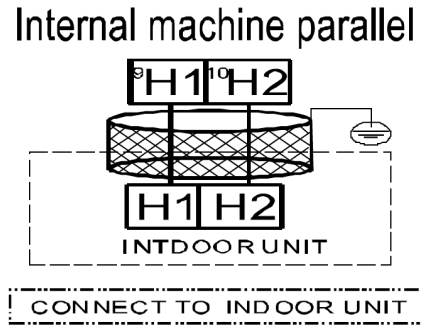
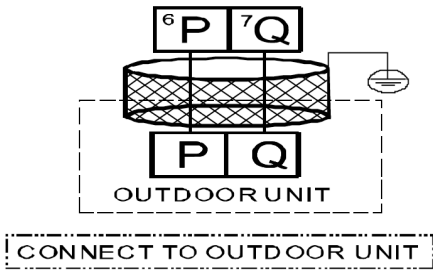
INDOOR UNIT DIMENSIONS & INSTALLATION DISTANCES



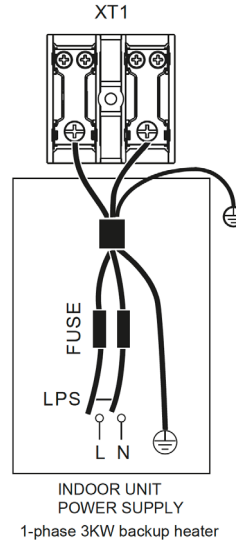
OUTDOOR UNIT DIMENSIONS & INSTALLATION DISTANCES



ELECTRICAL CONNECTION



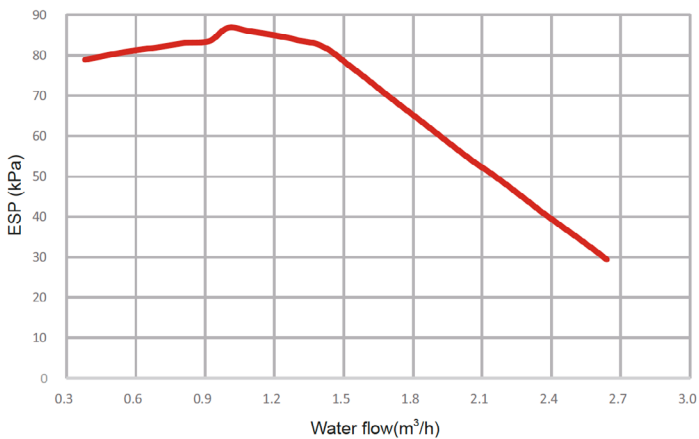
| | |
|--------------------------------------|---------------------|
| Unit | 8 kW |
| Max. overcurrent protector (MOP) (A) | 19 A |
| Wiring size (mm ²) | 4,0 mm ² |



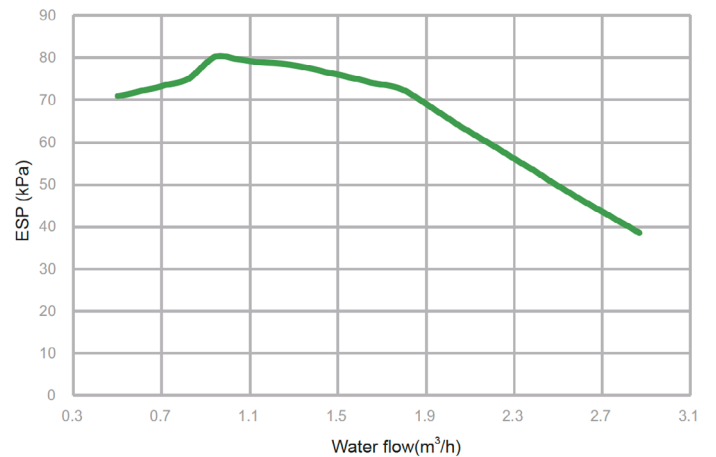
| | |
|-------------|--------------------|
| Unit | 3 kW - 1 PH |
| Wiring size | 4 mm ² |

PUMP CURVE

HB-A60(100)/CGN8-B hydronic performance



HB-A160/CGN8-B hydronic performance



PERFORMANCES

| | Heating | | | | Cooling | |
|---------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|--------------------------------|
| | A+7°C Capacity kW / W+35°C COP | A+7°C Capacity kW / W+55°C COP | A-7°C Capacity kW / W+35°C COP | A-7°C Capacity kW / W+55°C COP | A+35°C Capacity kW / W+18°C EER | A+35°C Capacity kW / W+7°C EER |
| KHPMS-BI 8 DVR PRO | 8,30 / 5,20 | 7,50 / 3,18 | 7,00 / 3,20 | 6,15 / 2,05 | 8,40 / 5,05 | 7,40 / 3,38 |

SOUND PRESSURE



| | Sound pressure Outdoor unit dB(A) | Sound pressure Indoor unit dB(A) |
|---------------------------|--------------------------------------|-------------------------------------|
| KHPMS-BI 8 DVR PRO | 46 | 30 |

Aquantia KHPMS-BI PRO

Bibloc Wall-Mounted Set

PRODUCT SHEET



Product certified by:  



FEATURES

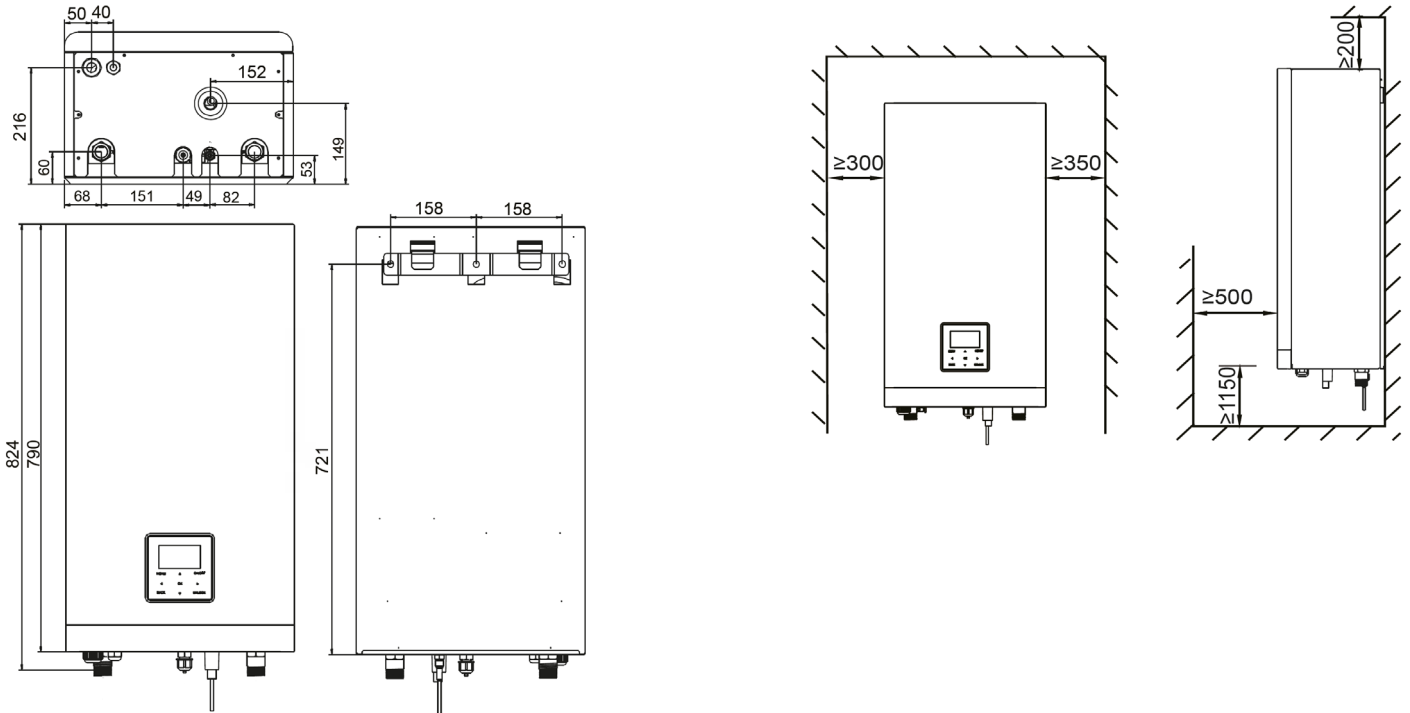
| Model | Set | | KHPMS-BI 10 DVR PRO |
|---|---|-------------------------|-----------------------|
| | Indoor unit | | KHPM-BI 10 DVR2 |
| | Outdoor unit | | KHP-BI 10 DVR2 |
| Outdoor unit | Net / Gross weight | | 78,5 kg / 92,0 kg |
| | Drain connection | | DN32 mm |
| | Sound power | | 60 dB(A) |
| | Power supply | | 220-240 V / 1 / 50 Hz |
| | Max. intensity | | 19,0 A |
| | Recommended fuse | | D20 A |
| | Refrigerant / Refrigerant charge | | R-32 / 1,65 kg |
| | Additional refrigerant charge (from 15 m) | | 38,0 g/m |
| | Liquid / gas pipe diameter (OD) | | Ø9,52 mm / Ø15,9 mm |
| | Max. vertical / total distance | | 20 m / 30 m |
| Indoor unit | Net / Gross curb weight | | 37,0 kg / 43,0 kg |
| | Connections diameter | | R1" |
| | Drain connection | | DN25 mm |
| | Expansion vessel included | | 8,0 L |
| | Max. pump available pressure | | 8,5 m |
| | Sound power | | 42 dB(A) |
| | Power supply | | 220-240 V / 1 / 50 Hz |
| | Max. intensity | | 14,30 A |
| | Recommended fuse | | C16 A |
| | Backup electrical resistance | | 3,0 kW |
| | Rated water flow | | 1,7 m³/h |
| | Water flow range | | 0,4 ~ 2,1 m³/h |
| | DHW tank (not included) | Minimum DHW coil area | Stainless |
| Enamelled steel | | | 2,0 m² |
| Recommended tank capacity | | 150 L ~ 300 L | |
| Recommended model | | BSX270 / BSX2475 | |
| Max. tank installation distance from the hydrobox | | 5 m | |
| Water outlet temperature | Heating & DHW | | +25 ~ +65 °C |
| | Cooling | | +5 ~ +25 °C |
| Operating range | Heating | | -25 ~ +35 °C |
| | DHW | | -25 ~ +43 °C |
| | Cooling | | -5 ~ +43 °C |

NOTES:

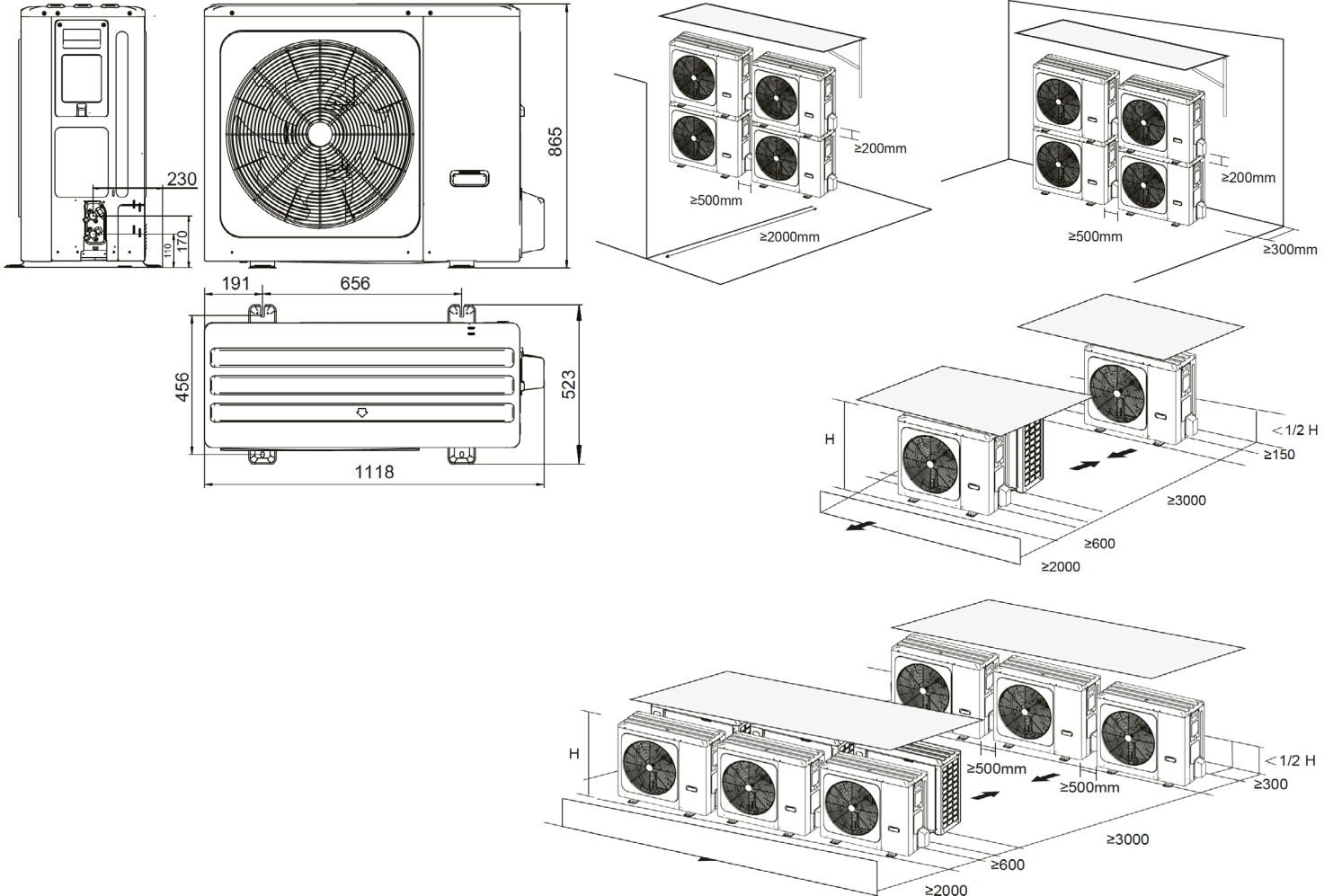
(1) The data and specifications present in this sheet may vary without notice.

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

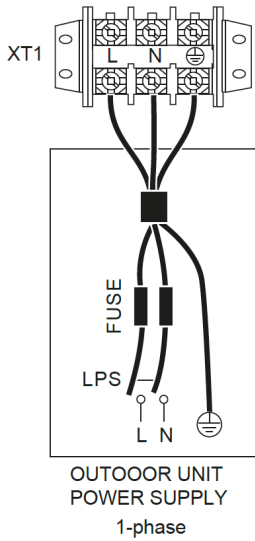
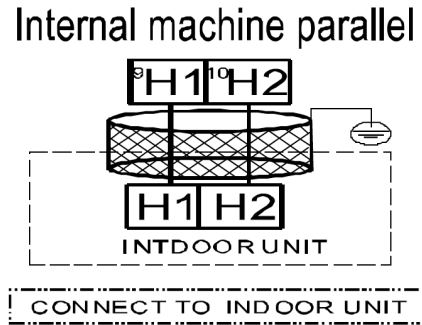
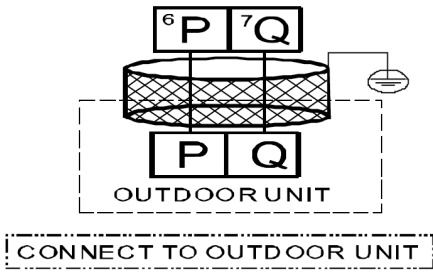
INDOOR UNIT DIMENSIONS & INSTALLATION DISTANCES



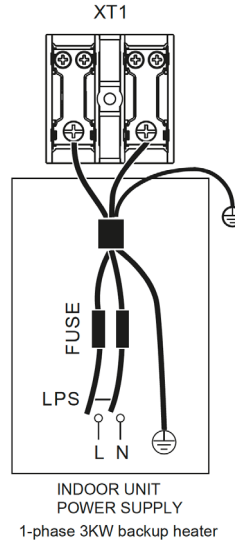
OUTDOOR UNIT DIMENSIONS & INSTALLATION DISTANCES



ELECTRICAL CONNECTION



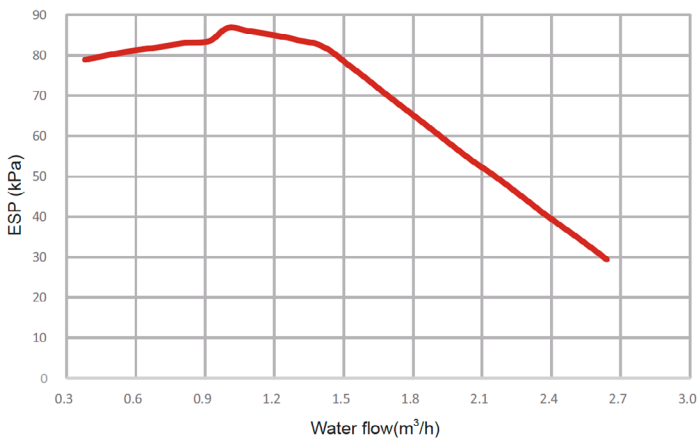
| | |
|--------------------------------------|---------------------|
| Unit | 10 kW |
| Max. overcurrent protector (MOP) (A) | 19 A |
| Wiring size (mm ²) | 4,0 mm ² |



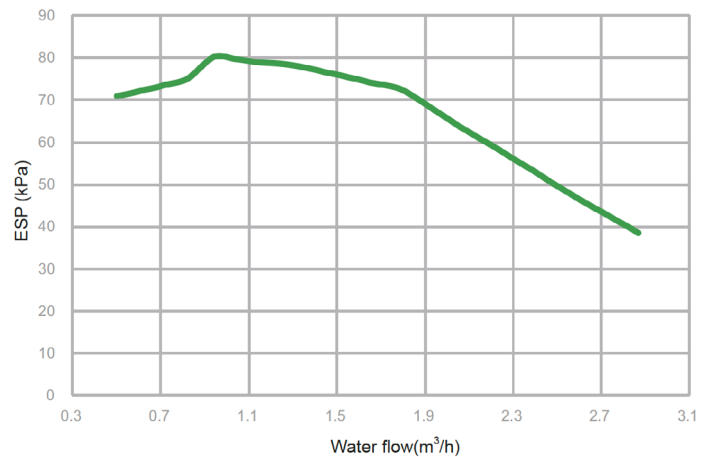
| | |
|-------------|--------------------|
| Unit | 3 kW - 1 PH |
| Wiring size | 4 mm ² |

PUMP CURVE

HB-A60(100)/CGN8-B hydronic performance



HB-A160/CGN8-B hydronic performance



PERFORMANCES

| | Heating | | | | Cooling | |
|----------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|--------------------------------|
| | A+7°C Capacity kW / W+35°C COP | A+7°C Capacity kW / W+55°C COP | A-7°C Capacity kW / W+35°C COP | A-7°C Capacity kW / W+55°C COP | A+35°C Capacity kW / W+18°C EER | A+35°C Capacity kW / W+7°C EER |
| KHPMS-BI 10 DVR PRO | 10,00 / 5,00 | 9,50 / 3,10 | 8,00 / 3,05 | 6,85 / 2,00 | 10,00 / 4,80 | 8,20 / 3,30 |

SOUND PRESSURE



| | Sound pressure Outdoor unit dB(A) | Sound pressure Indoor unit dB(A) |
|----------------------------|--------------------------------------|-------------------------------------|
| KHPMS-BI 10 DVR PRO | 49 | 30 |

Aquantia KHPMS-BI PRO

Bibloc Wall-Mounted Set

PRODUCT SHEET



Product certified by:  



FEATURES

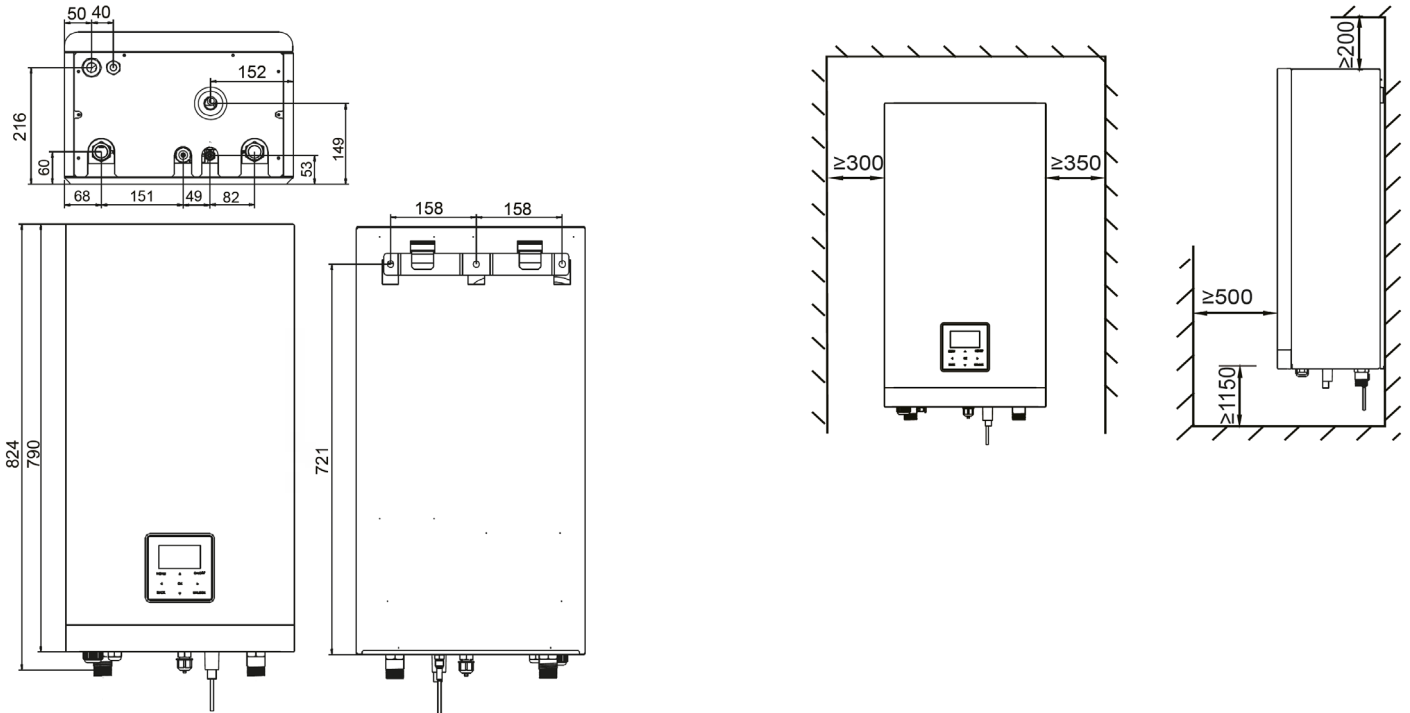
| Model | Set | | KHPMS-BI 12 DVR PRO |
|---|---|-------------------------|-----------------------|
| | Indoor unit | | KHPM-BI 16 DVR2 |
| | Outdoor unit | | KHP-BI 12 DVR2 |
| Outdoor unit | Net / Gross weight | | 100 kg / 113,5 kg |
| | Drain connection | | DN32 mm |
| | Sound power | | 64 dB(A) |
| | Power supply | | 220-240 V / 1 / 50 Hz |
| | Max. intensity | | 30,0 A |
| | Recommended fuse | | D32 A |
| | Refrigerant / Refrigerant charge | | R-32 / 1,84 kg |
| | Additional refrigerant charge (from 15 m) | | 38,0 g/m |
| | Liquid / gas pipe diameter (OD) | | Ø9,52 mm / Ø15,9 mm |
| | Max. vertical / total distance | | 20 m / 30 m |
| Indoor unit | Net / Gross curb weight | | 39,0 kg / 45,0 kg |
| | Connections diameter | | R1" |
| | Drain connection | | DN25 mm |
| | Expansion vessel included | | 8,0 L |
| | Max. pump available pressure | | 8,0 m |
| | Sound power | | 43 dB(A) |
| | Power supply | | 220-240 V / 1 / 50 Hz |
| | Max. intensity | | 14,30 A |
| | Recommended fuse | | C16 A |
| | Backup electrical resistance | | 3,0 kW |
| | Rated water flow | | 2,1 m³/h |
| | Water flow range | | 0,7 ~ 3,0 m³/h |
| | DHW tank (not included) | Minimum DHW coil area | Stainless |
| Enamelled steel | | | 2,0 m² |
| Recommended tank capacity | | 200 L ~ 500 L | |
| Recommended model | | BSX270 / BSX2475 | |
| Max. tank installation distance from the hydrobox | | 5 m | |
| Water outlet temperature | Heating & DHW | | +25 ~ +65 °C |
| | Cooling | | +5 ~ +25 °C |
| Operating range | Heating | | -25 ~ +35 °C |
| | DHW | | -25 ~ +43 °C |
| | Cooling | | -5 ~ +43 °C |

NOTES:

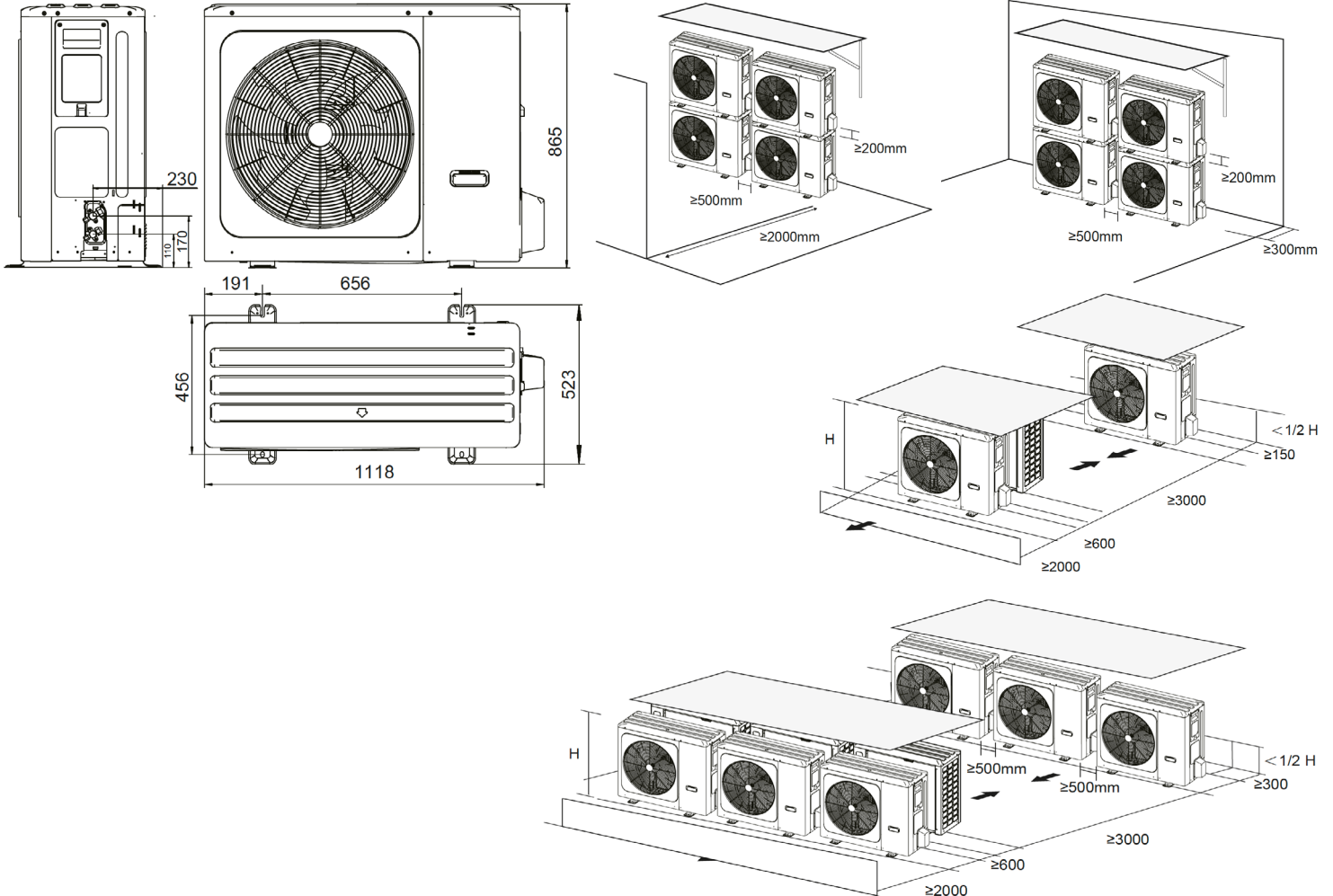
(1) The data and specifications present in this sheet may vary without notice.

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

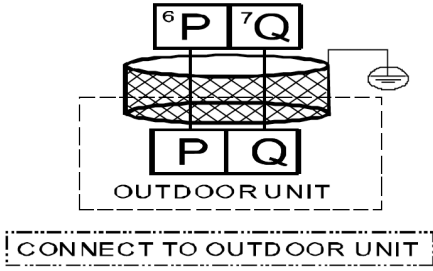
INDOOR UNIT DIMENSIONS & INSTALLATION DISTANCES



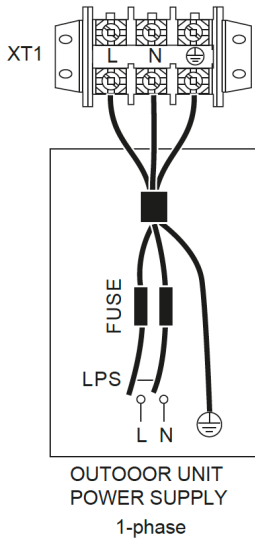
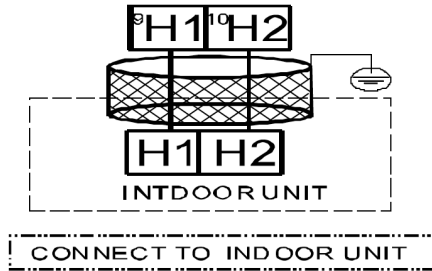
OUTDOOR UNIT DIMENSIONS & INSTALLATION DISTANCES



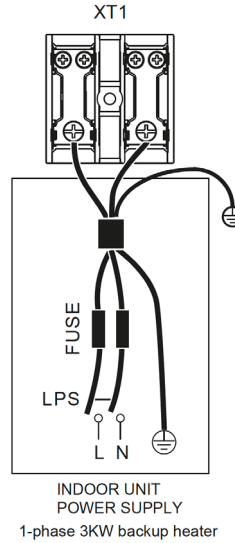
ELECTRICAL CONNECTION



Internal machine parallel



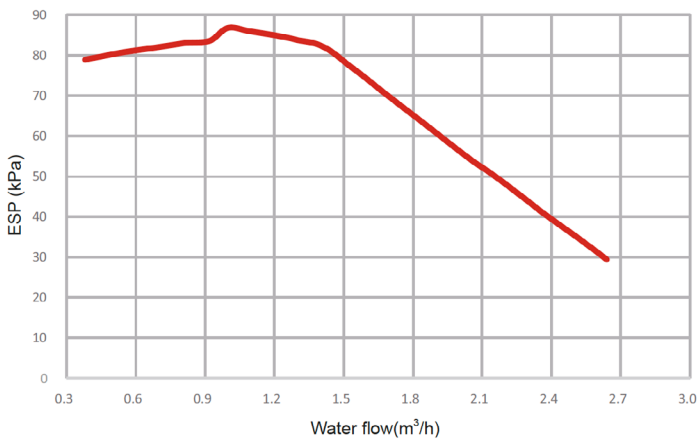
| | |
|--------------------------------------|---------------------|
| Unit | 12 kW |
| Max. overcurrent protector (MOP) (A) | 30 A |
| Wiring size (mm ²) | 6,0 mm ² |



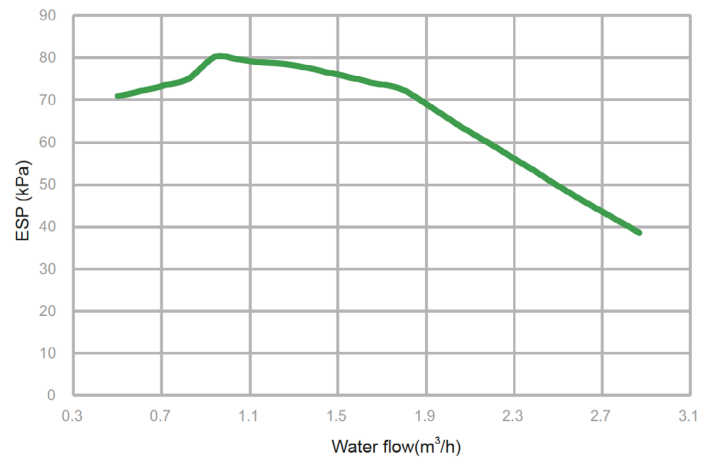
| | |
|-------------|--------------------|
| Unit | 3 kW - 1 PH |
| Wiring size | 4 mm ² |

PUMP CURVE

HB-A60(100)/CGN8-B hydronic performance



HB-A160/CGN8-B hydronic performance



PERFORMANCES

| | Heating | | | | Cooling | |
|----------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|--------------------------------|
| | A+7°C Capacity kW / W+35°C COP | A+7°C Capacity kW / W+55°C COP | A-7°C Capacity kW / W+35°C COP | A-7°C Capacity kW / W+55°C COP | A+35°C Capacity kW / W+18°C EER | A+35°C Capacity kW / W+7°C EER |
| KHPMS-BI 12 DVR PRO | 12,10 / 4,95 | 12,00 / 3,10 | 10,00 / 3,00 | 9,80 / 2,05 | 12,00 / 4,00 | 11,60 / 2,75 |

SOUND PRESSURE



| | Sound pressure Outdoor unit dB(A) | Sound pressure Indoor unit dB(A) |
|----------------------------|--------------------------------------|-------------------------------------|
| KHPMS-BI 12 DVR PRO | 50 | 32 |

Aquantia KHPMS-BI PRO

Bibloc Wall-Mounted Set

PRODUCT SHEET



Product certified by:  



FEATURES

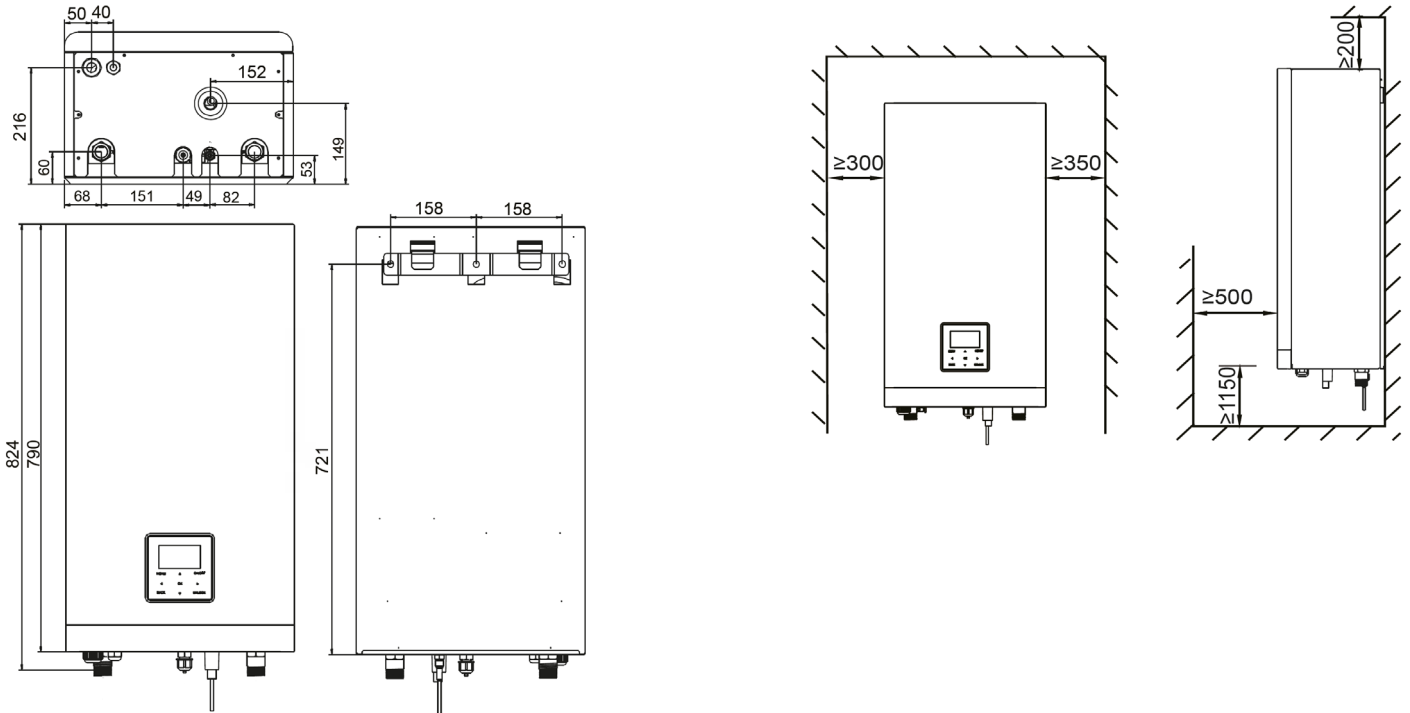
| Model | Set | | KHPMS-BI 14 DVR PRO |
|---|---|-----------------|-------------------------|
| | Indoor unit | | KHPM-BI 16 DVR2 |
| | Outdoor unit | | KHP-BI 14 DVR2 |
| Outdoor unit | Net / Gross weight | | 100 kg / 113,5 kg |
| | Drain connection | | DN32 mm |
| | Sound power | | 65 dB(A) |
| | Power supply | | 220-240 V / 1 / 50 Hz |
| | Max. intensity | | 30,0 A |
| | Recommended fuse | | D32 A |
| | Refrigerant / Refrigerant charge | | R-32 / 1,84 kg |
| | Additional refrigerant charge (from 15 m) | | 38,0 g/m |
| | Liquid / gas pipe diameter (OD) | | Ø9,52 mm / Ø15,9 mm |
| | Max. vertical / total distance | | 20 m / 30 m |
| Indoor unit | Net / Gross curb weight | | 39,0 kg / 45,0 kg |
| | Connections diameter | | R1" |
| | Drain connection | | DN25 mm |
| | Expansion vessel included | | 8,0 L |
| | Max. pump available pressure | | 8,0 m |
| | Sound power | | 43 dB(A) |
| | Power supply | | 220-240 V / 1 / 50 Hz |
| | Max. intensity | | 14,30 A |
| | Recommended fuse | | C16 A |
| | Backup electrical resistance | | 3,0 kW |
| DHW tank (not included) | Minimum DHW coil area | Stainless | 1,6 m ² |
| | | Enamelled steel | 2,5 m ² |
| | Recommended tank capacity | | 200 L ~ 500 L |
| | Recommended model | | BSX270 / BSX2475 |
| Max. tank installation distance from the hydrobox | | 5 m | |
| Water outlet temperature | Heating & DHW | | +25 ~ +65 °C |
| | Cooling | | +5 ~ +25 °C |
| Operating range | Heating | | -25 ~ +35 °C |
| | DHW | | -25 ~ +43 °C |
| | Cooling | | -5 ~ +43 °C |

NOTES:

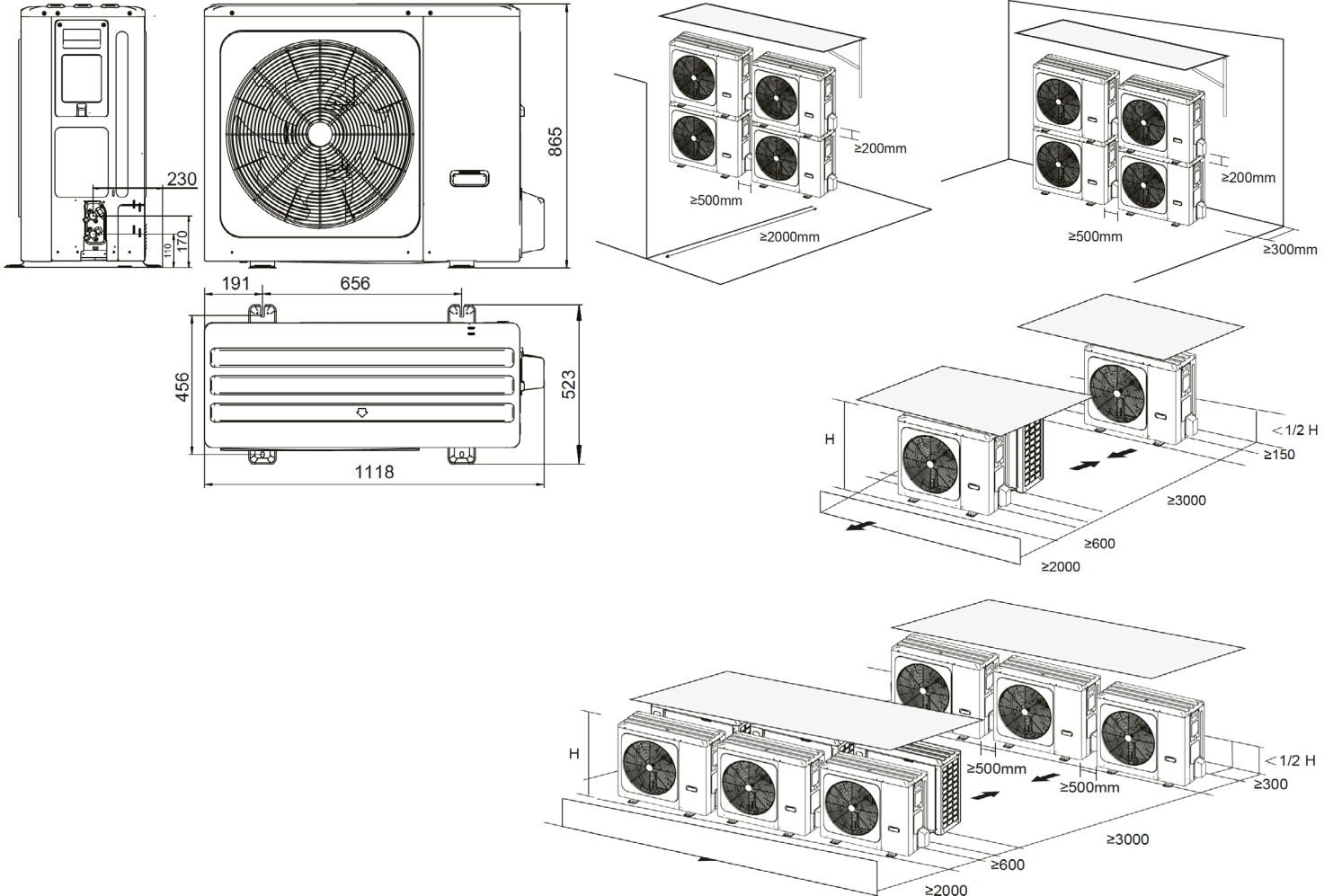
(1) The data and specifications present in this sheet may vary without notice.

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

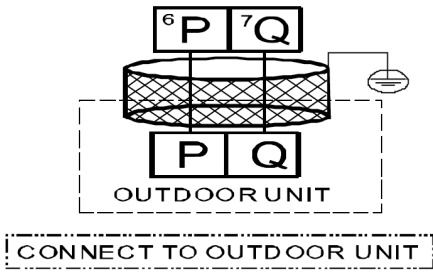
INDOOR UNIT DIMENSIONS & INSTALLATION DISTANCES



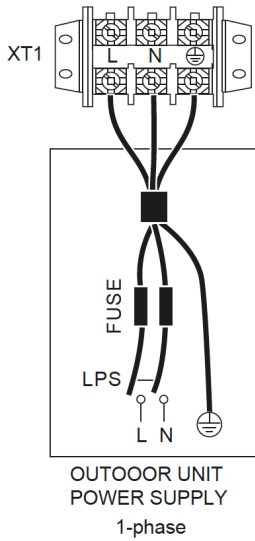
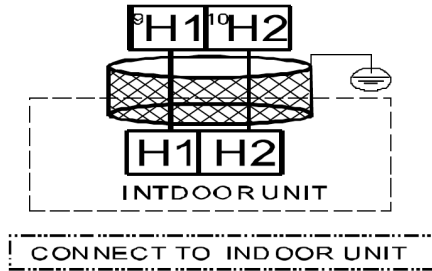
OUTDOOR UNIT DIMENSIONS & INSTALLATION DISTANCES



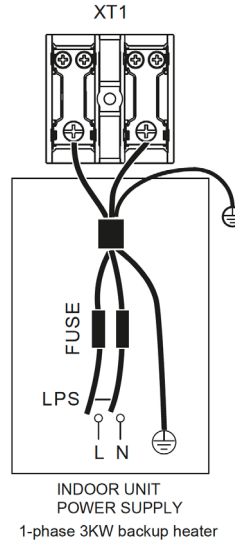
ELECTRICAL CONNECTION



Internal machine parallel



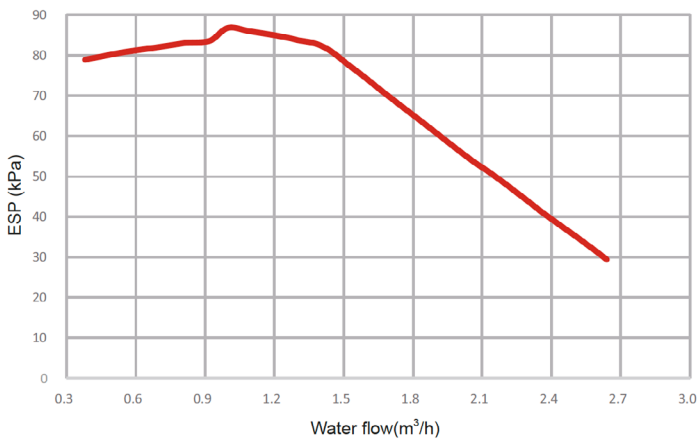
| | |
|--------------------------------------|---------------------|
| Unit | 14 kW |
| Max. overcurrent protector (MOP) (A) | 30 A |
| Wiring size (mm ²) | 6,0 mm ² |



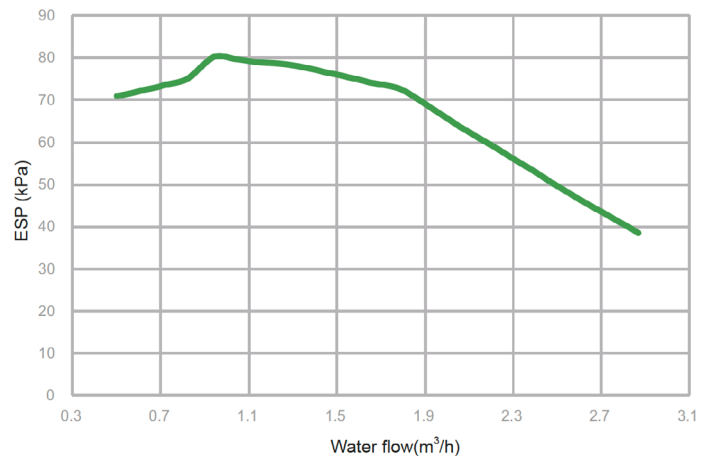
| | |
|-------------|--------------------|
| Unit | 3 kW - 1 PH |
| Wiring size | 4 mm ² |

PUMP CURVE

HB-A60(100)/CGN8-B hydronic performance



HB-A160/CGN8-B hydronic performance



PERFORMANCES

| | Heating | | | | Cooling | |
|----------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|--------------------------------|
| | A+7°C Capacity kW / W+35°C COP | A+7°C Capacity kW / W+55°C COP | A-7°C Capacity kW / W+35°C COP | A-7°C Capacity kW / W+55°C COP | A+35°C Capacity kW / W+18°C EER | A+35°C Capacity kW / W+7°C EER |
| KHPMS-BI 14 DVR PRO | 14,50 / 4,70 | 13,80 / 3,00 | 12,00 / 2,85 | 11,00 / 2,05 | 13,50 / 3,60 | 12,70 / 2,55 |

SOUND PRESSURE

| | Sound pressure Outdoor unit dB(A) | Sound pressure Indoor unit dB(A) |
|----------------------------|--------------------------------------|-------------------------------------|
| KHPMS-BI 14 DVR PRO | 51 (230V) | 32 |

Aquantia KHPMS-BI PRO

Bibloc Wall-Mounted Set

PRODUCT SHEET



Product certified by:



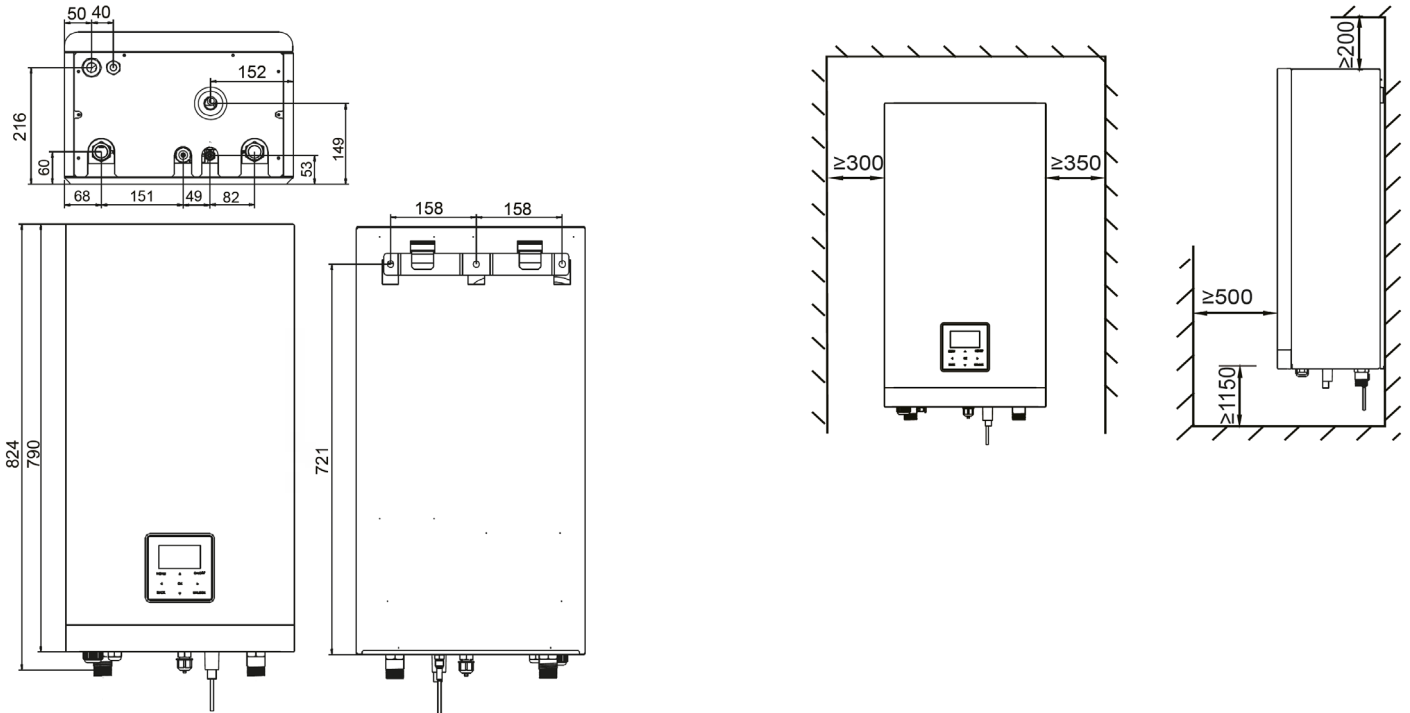
FEATURES

| Model | Set | | KHPMS-BI 16 DVR PRO |
|---|---|-----------------|-----------------------------|
| | Indoor unit | | KHPM-BI 16 DVR2 |
| | Outdoor unit | | KHP-BI 16 DVR2 |
| Outdoor unit | Net / Gross weight | | 100 kg / 113,5 kg |
| | Drain connection | | DN32 mm |
| | Sound power | | 68 dB(A) |
| | Power supply | | 220-240 V / 1 / 50 Hz |
| | Max. intensity | | 30,0 A |
| | Recommended fuse | | D32 A |
| | Refrigerant / Refrigerant charge | | R-32 / 1,84 kg |
| | Additional refrigerant charge (from 15 m) | | 38,0 g/m |
| | Liquid / gas pipe diameter (OD) | | Ø9,52 mm / Ø15,9 mm |
| | Max. vertical / total distance | | 20 m / 30 m |
| Indoor unit | Net / Gross curb weight | | 39,0 kg / 45,0 kg |
| | Connections diameter | | R1" |
| | Drain connection | | DN25 mm |
| | Expansion vessel included | | 8,0 L |
| | Max. pump available pressure | | 8,0 m |
| | Sound power | | 43 dB(A) |
| | Power supply | | 220-240 V / 1 / 50 Hz |
| | Max. intensity | | 14,30 A |
| | Recommended fuse | | C16 A |
| | Backup electrical resistance | | 3,0 kW |
| | Rated water flow | | 2,8 m ³ /h |
| | Water flow range | | 0,7 ~ 3,0 m ³ /h |
| DHW tank (not included) | Minimum DHW coil area | Stainless | 1,6 m ² |
| | | Enamelled steel | 2,5 m ² |
| | Recommended tank capacity | | 200 L ~ 500 L |
| | Recommended model | | BSX270 / BSX2475 |
| Max. tank installation distance from the hydrobox | | 5 m | |
| Water outlet temperature | Heating & DHW | | +25 ~ +65 °C |
| | Cooling | | +5 ~ +25 °C |
| Operating range | Heating | | -25 ~ +35 °C |
| | DHW | | -25 ~ +43 °C |
| | Cooling | | -5 ~ +43 °C |

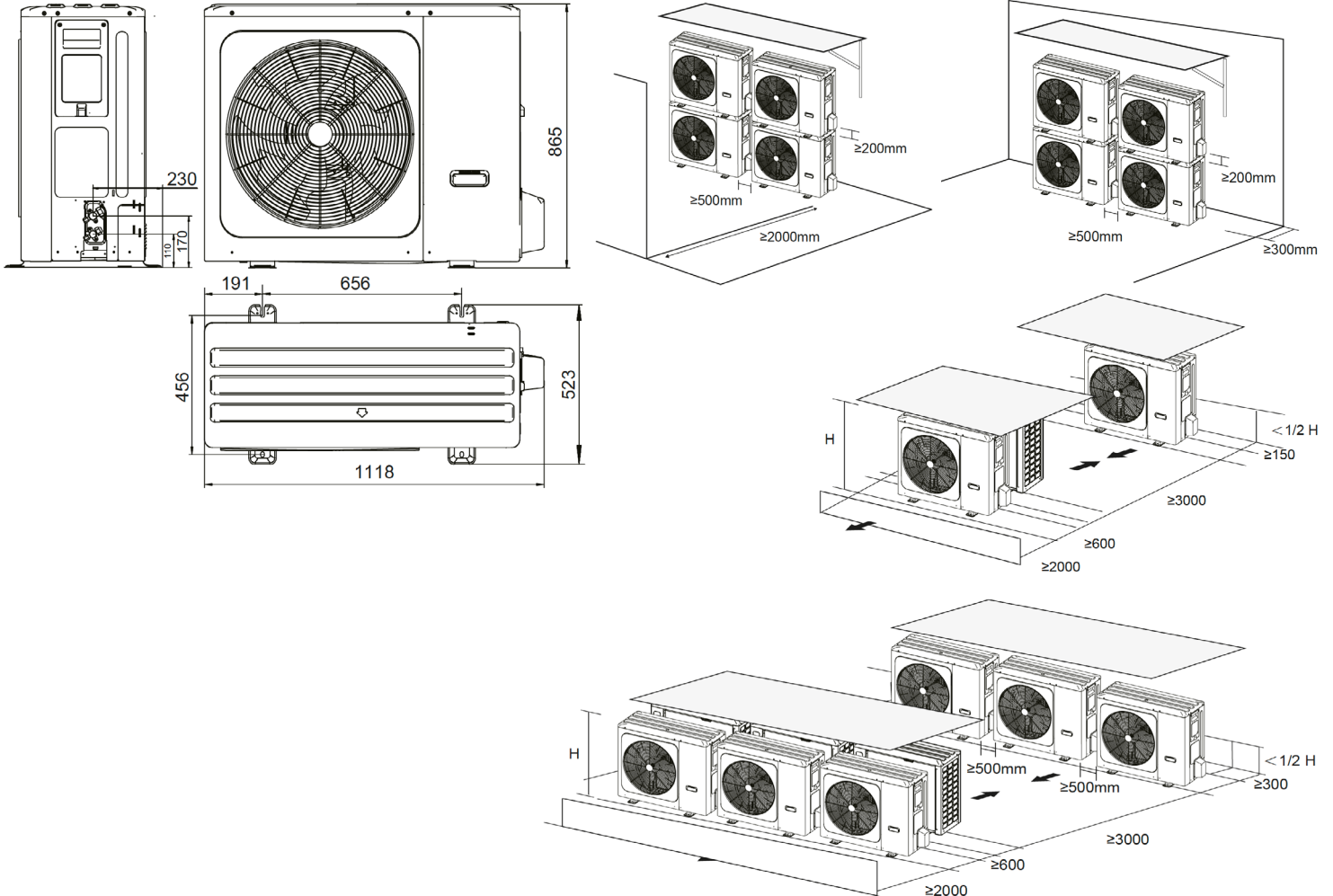
NOTES:

(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.

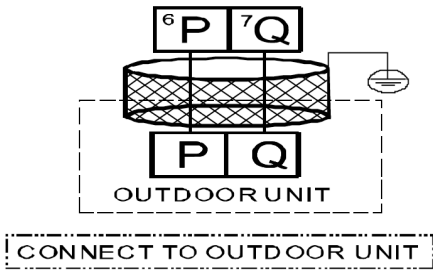
INDOOR UNIT DIMENSIONS & INSTALLATION DISTANCES



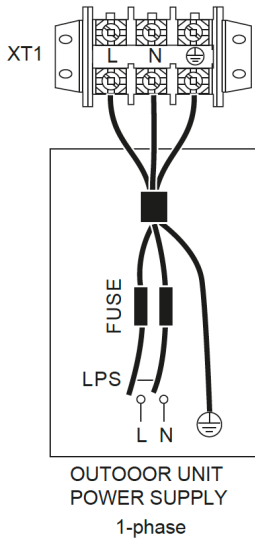
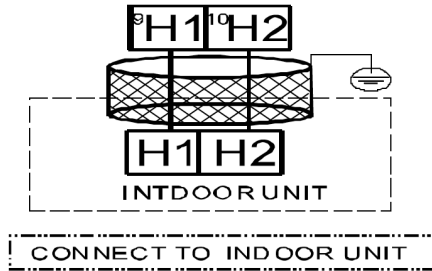
OUTDOOR UNIT DIMENSIONS & INSTALLATION DISTANCES



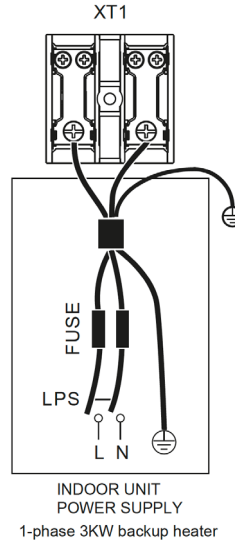
ELECTRICAL CONNECTION



Internal machine parallel



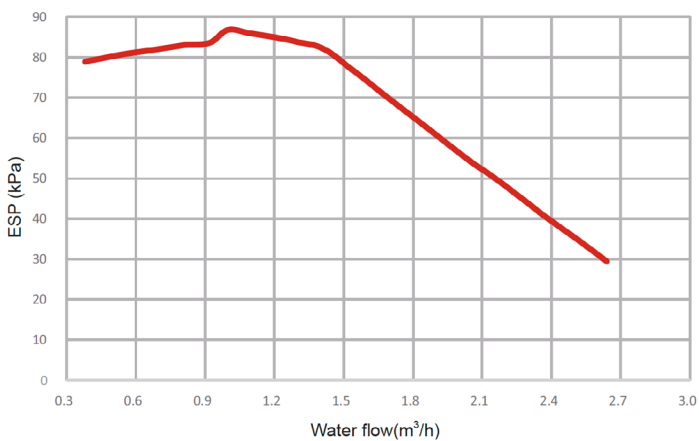
| | |
|--------------------------------------|---------------------|
| Unit | 16 kW |
| Max. overcurrent protector (MOP) (A) | 30 A |
| Wiring size (mm ²) | 6,0 mm ² |



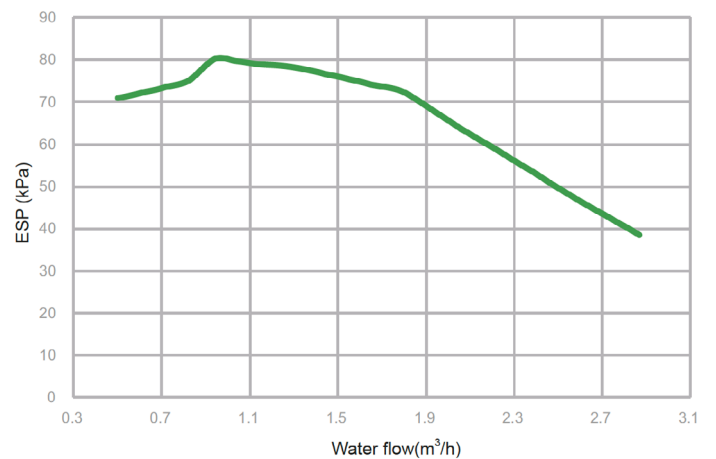
| | |
|-------------|--------------------|
| Unit | 3 kW - 1 PH |
| Wiring size | 4 mm ² |

PUMP CURVE

HB-A60(100)/CGN8-B hydronic performance



HB-A160/CGN8-B hydronic performance



PERFORMANCES

| | Heating | | | | Cooling | |
|----------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|--------------------------------|
| | A+7°C Capacity kW / W+35°C COP | A+7°C Capacity kW / W+55°C COP | A-7°C Capacity kW / W+35°C COP | A-7°C Capacity kW / W+55°C COP | A+35°C Capacity kW / W+18°C EER | A+35°C Capacity kW / W+7°C EER |
| KHPMS-BI 16 DVR PRO | 16,00 / 4,50 | 16,00 / 2,90 | 13,10 / 2,70 | 12,50 / 2,00 | 14,90 / 3,40 | 14,00 / 2,45 |

SOUND PRESSURE

| | Sound pressure Outdoor unit dB(A) | Sound pressure Indoor unit dB(A) |
|----------------------------|--------------------------------------|-------------------------------------|
| KHPMS-BI 16 DVR PRO | 54 (230V) | 32 |