

# Aquantia KHPMS-BI PRO

## Bibloc Wall-Mounted Set

## PRODUCT SHEET



Product certified by:



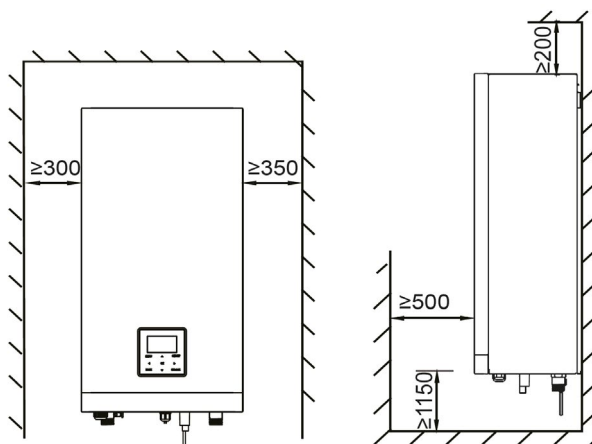
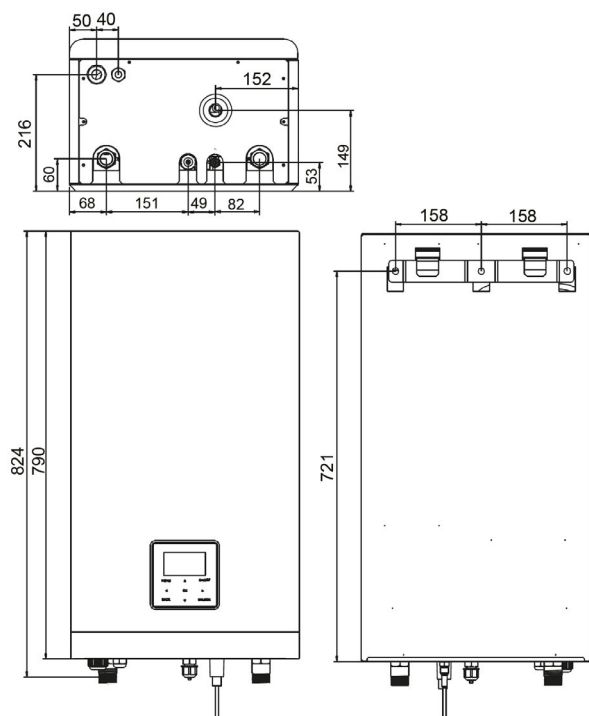
## FEATURES

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 m³/h
	Water flow range		0,4 ~ 1,25 m³/h
DHW tank (not included)	Minimum DHW coil area	Stainless	1,4 m²
		Enamelled steel	2,0 m²
	Recommended tank capacity		100 L ~ 250 L
	Recommended model		<b>BSX270</b>
Water outlet temperature	Max. tank installation distance from the hydrobox		5 m
	Heating & DHW		+25 ~ +65 °C
	Cooling		+5 ~ +25 °C
Operating range	Heating		-25 ~ +35 °C
	DHW		-25 ~ +43 °C
	Cooling		-5 ~ +43 °C

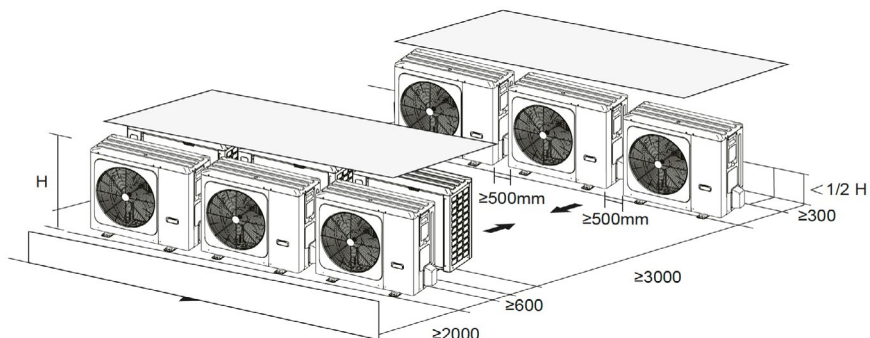
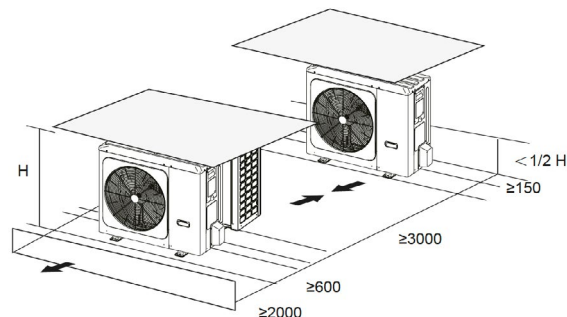
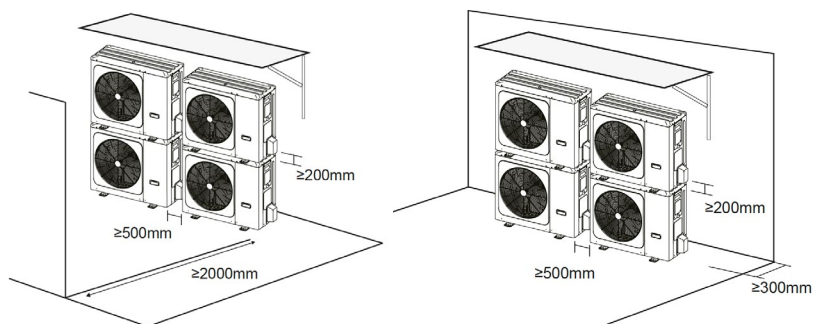
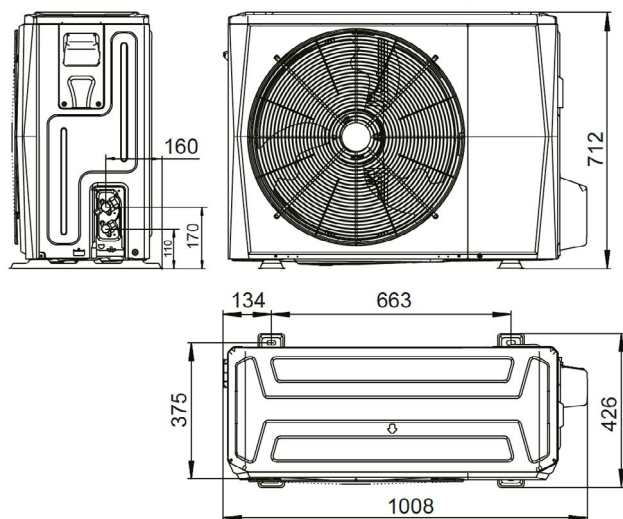
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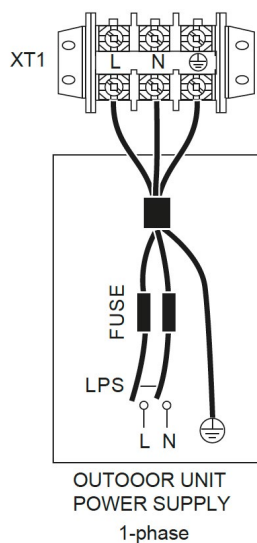
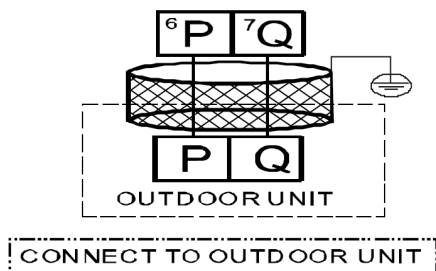
## INDOOR UNIT DIMENSIONS & INSTALLATION DISTANCES



## OUTDOOR UNIT DIMENSIONS & INSTALLATION DISTANCES

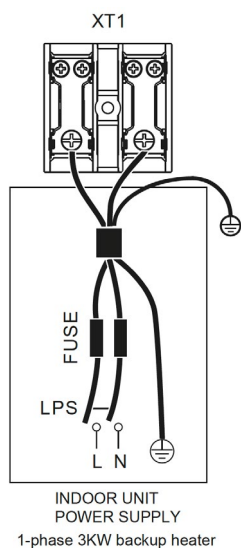
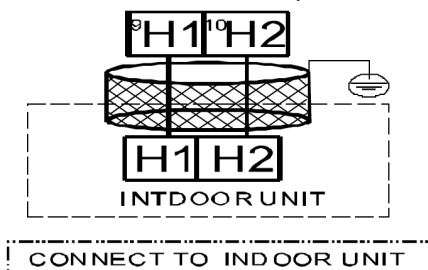


## ELECTRICAL CONNECTION



Unit	4 kW
Max. overcurrent protector (MOP) (A)	18 A
Wiring size (mm <sup>2</sup> )	4,0 mm <sup>2</sup>

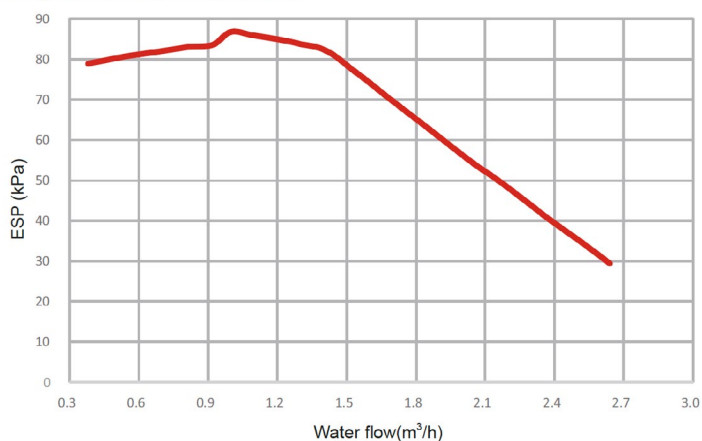
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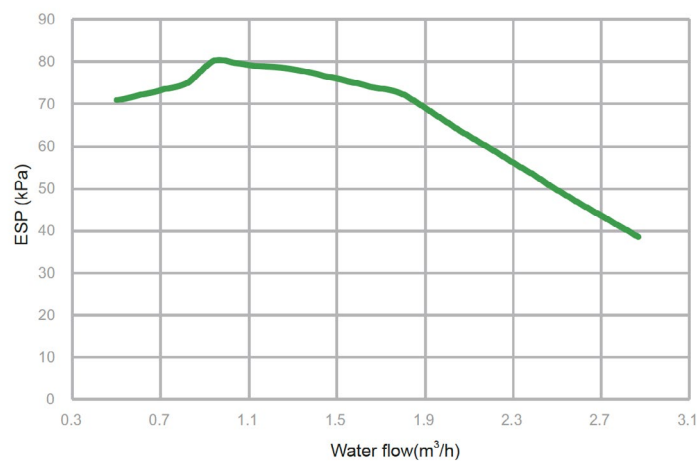
Unit	3 kW - 1 PH
Wiring size	4 mm <sup>2</sup>

## PUMP CURVE

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



HB-A160/CGN8-B hydronic performance



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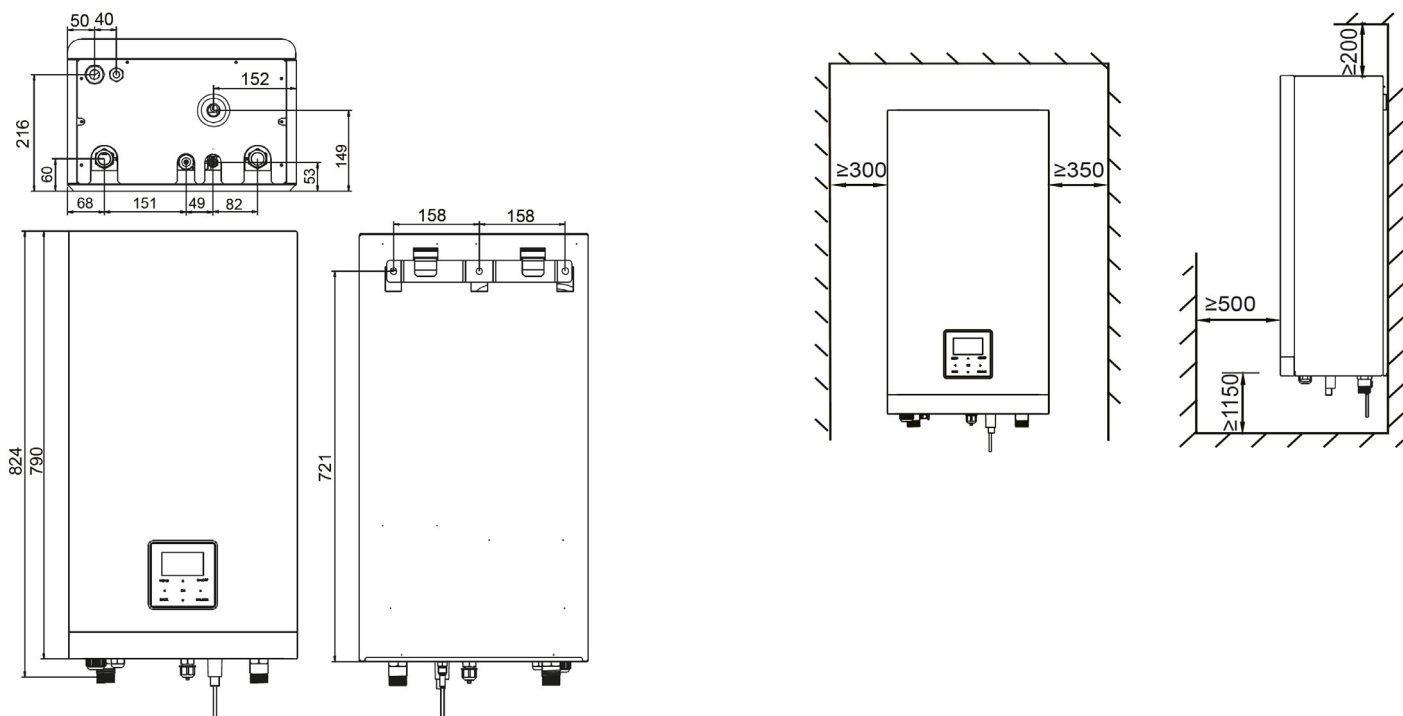
## FEATURES

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
	Rated water flow		1,1 m³/h
	Water flow range		0,4 ~ 1,25 m³/h
DHW tank (not included)	Minimum DHW coil area	Stainless	1,4 m²
		Enamelled steel	2,0 m²
	Recommended tank capacity		100 L ~ 250 L
	Recommended model		<b>BSX270</b>
Water outlet temperature	Max. tank installation distance from the hydrobox		5 m
	Heating & DHW		+25 ~ +65 °C
	Cooling		+5 ~ +25 °C
Operating range	Heating		-25 ~ +35 °C
	DHW		-25 ~ +43 °C
	Cooling		-5 ~ +43 °C

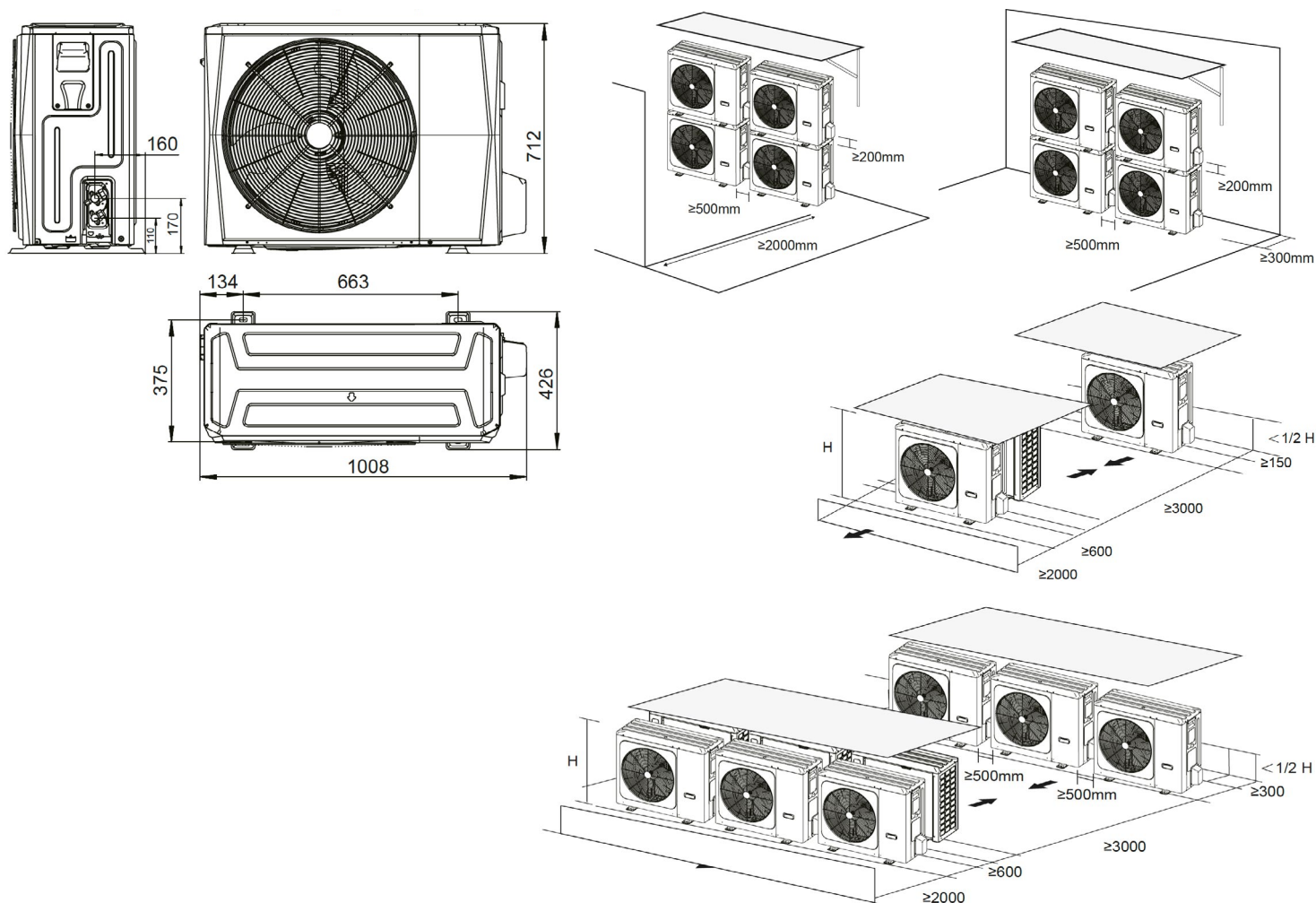
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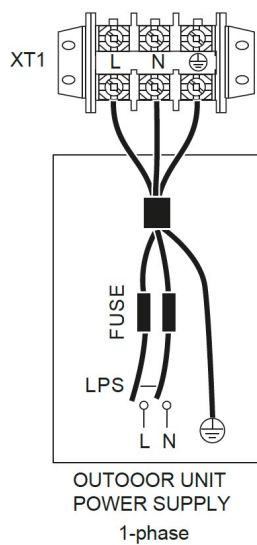
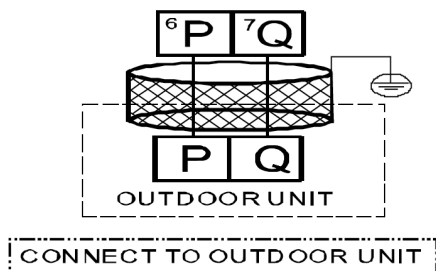
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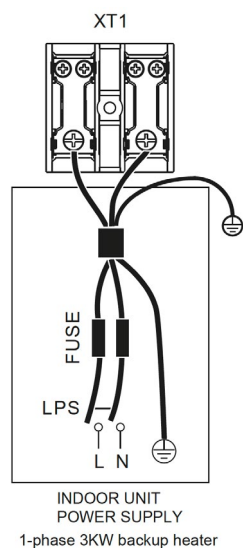
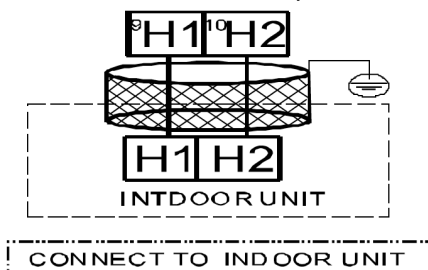


## ELECTRICAL CONNECTION



Unit	6 kW
Max. overcurrent protector (MOP) (A)	18 A
Wiring size (mm <sup>2</sup> )	4,0 mm <sup>2</sup>

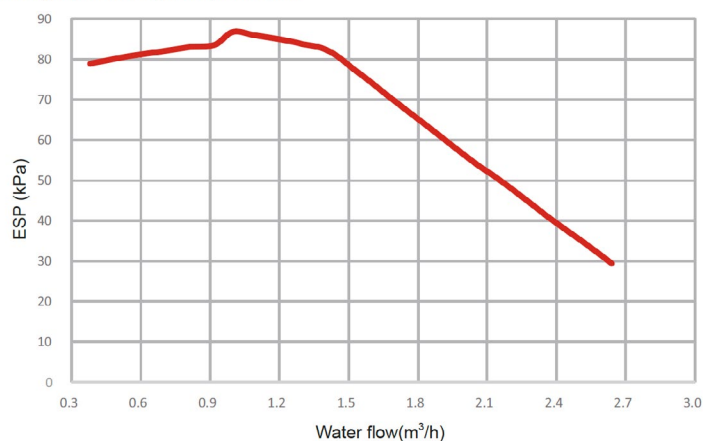
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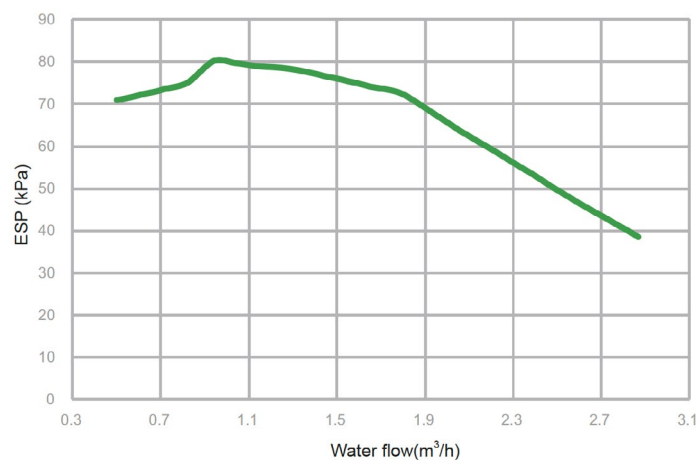
Unit	3 kW - 1 PH
Wiring size	4 mm <sup>2</sup>

## PUMP CURVE

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



HB-A160/CGN8-B hydronic performance





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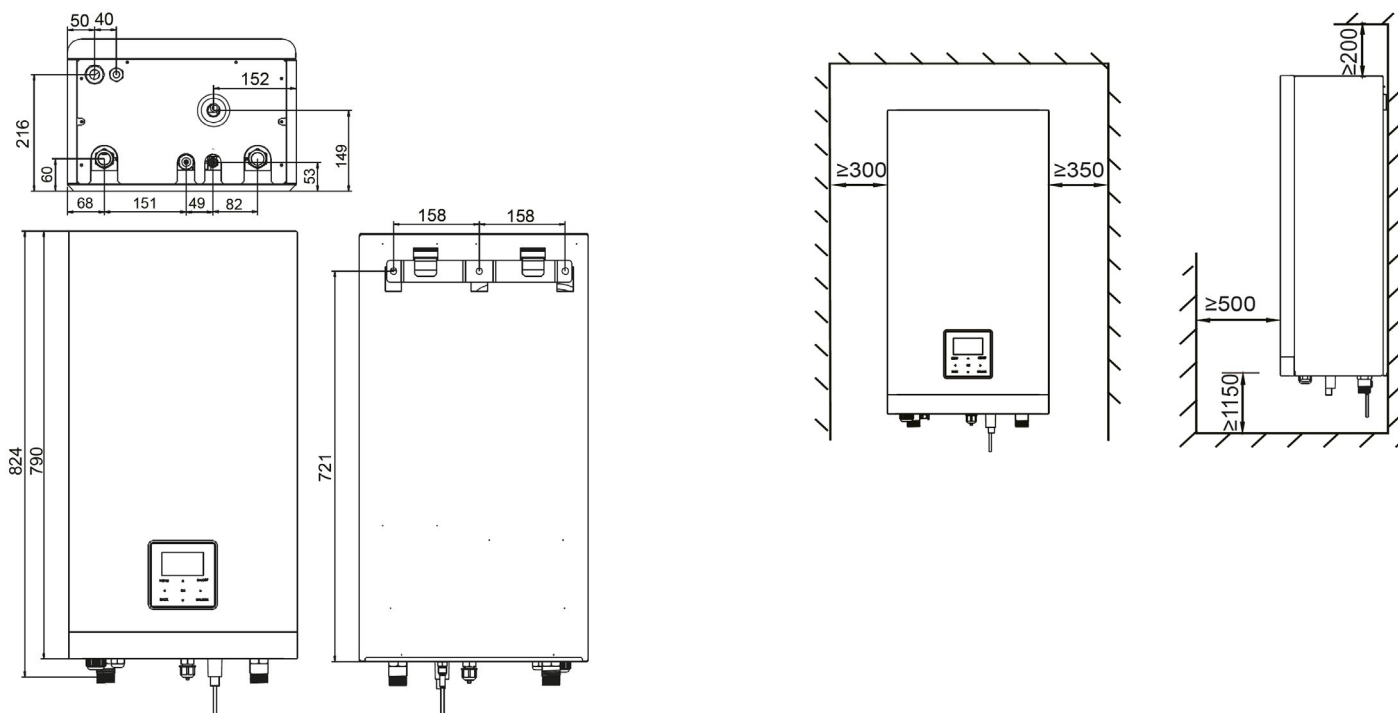
## FEATURES

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	1,4 m²
		Enamelled steel	2,0 m²
	Recommended tank capacity		150 L ~ 300 L
	Recommended model		<b>BSX270</b>
Water outlet temperature	Max. tank installation distance from the hydrobox		5 m
	Heating & DHW		+25 ~ +65 °C
	Cooling		+5 ~ +25 °C
Operating range	Heating		-25 ~ +35 °C
	DHW		-25 ~ +43 °C
	Cooling		-5 ~ +43 °C

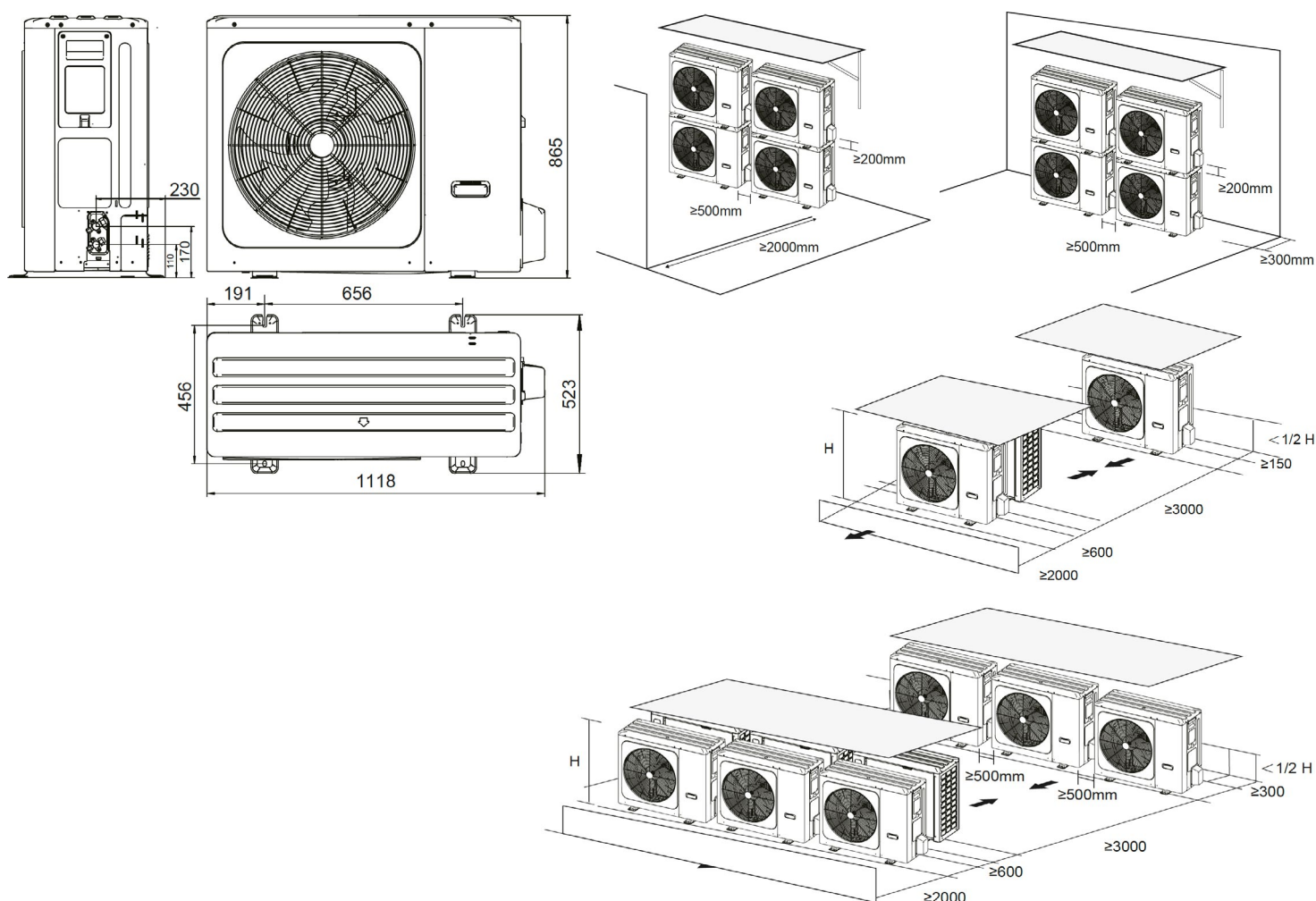
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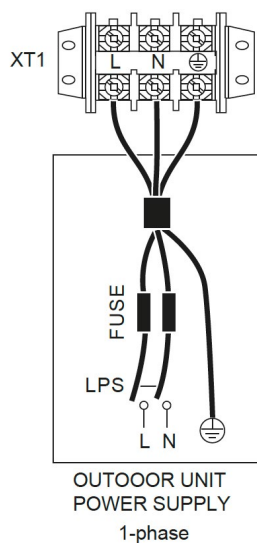
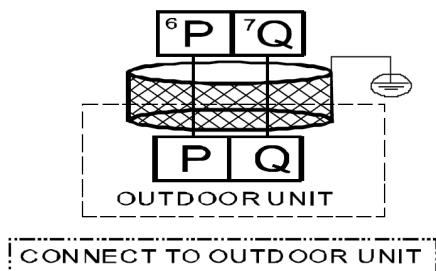


## OUTDOOR UNIT DIMENSIONS & INSTALLATION DISTANCES



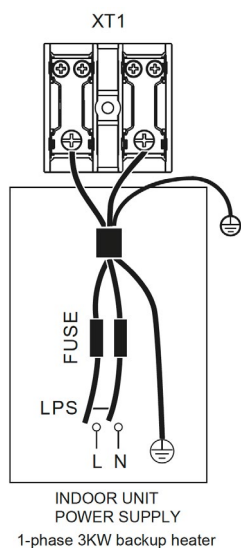
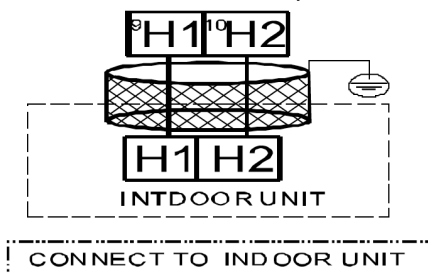


## ELECTRICAL CONNECTION



Unit	8 kW
Max. overcurrent protector (MOP) (A)	19 A
Wiring size (mm <sup>2</sup> )	4,0 mm <sup>2</sup>

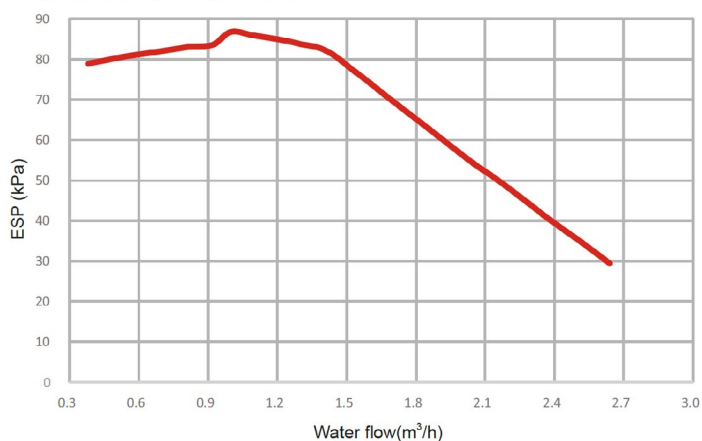
### Internal machine parallel



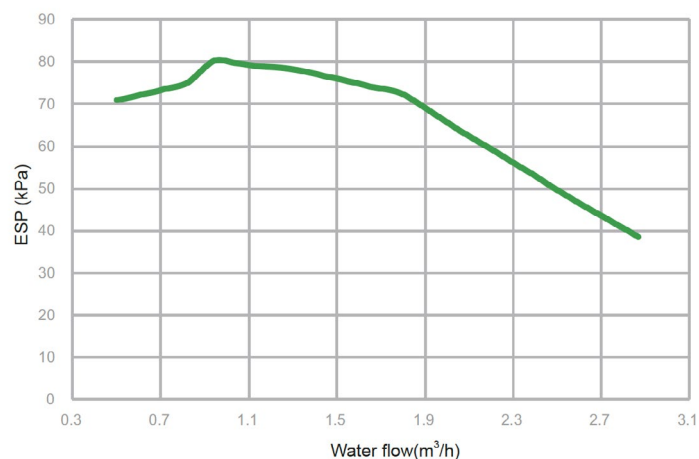
Unit	3 kW - 1 PH
Wiring size	4 mm <sup>2</sup>

## PUMP CURVE

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



HB-A160/CGN8-B hydronic performance



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## FEATURES

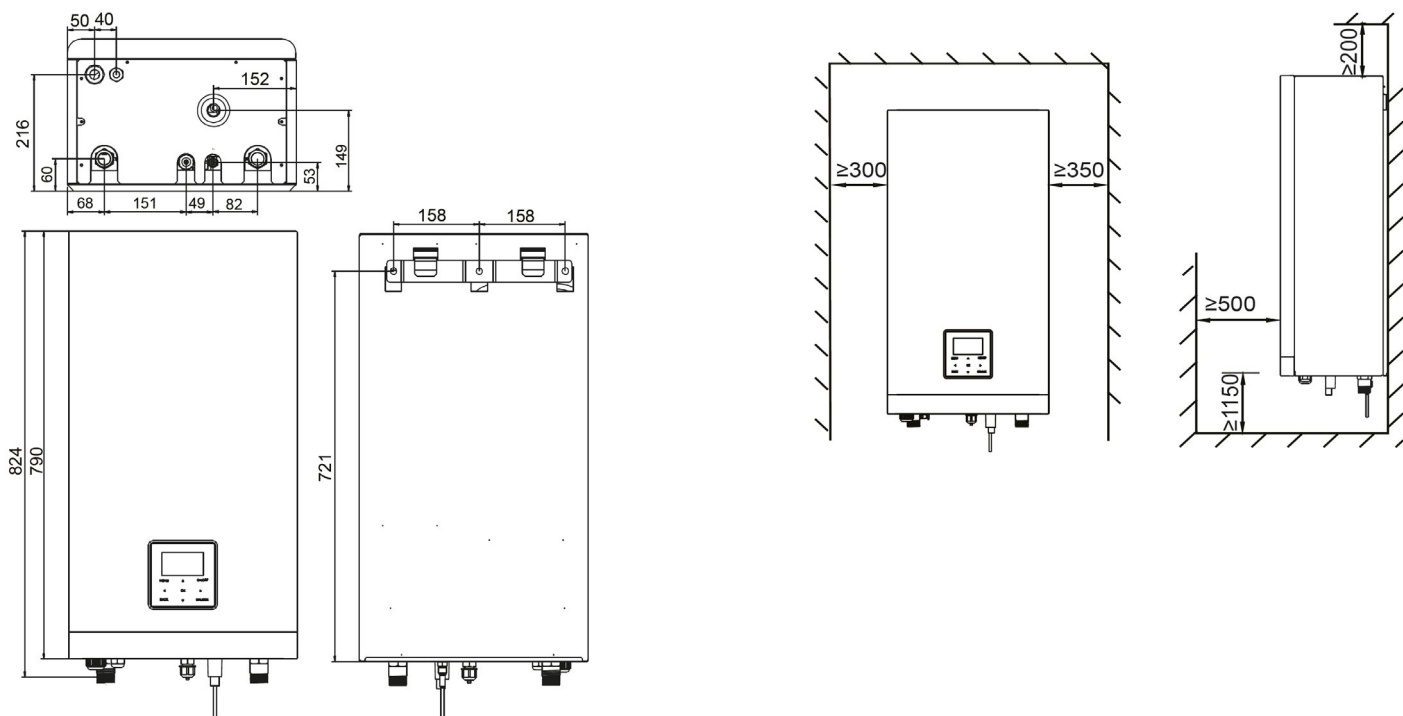
Model	Set		KHPMS-BI 10 DVR PRO
	Indoor unit		KHPM-BI 10 DVR2
	Outdoor unit		KHP-BI 10 DVR2
Outdoor unit	Net / Gross weight		78,5 kg / 92,0 kg
	Drain connection		DN32 mm
	Sound power		60 dB(A)
	Power supply		220-240 V / 1 / 50 Hz
	Max. intensity		19,0 A
	Recommended fuse		D20 A
	Refrigerant / Refrigerant 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	1,4 m²
		Enamelled steel	2,0 m²
	Recommended tank capacity		150 L ~ 300 L
	Recommended model		<b>BSX270 / BSX2475</b>
Water outlet temperature	Max. tank installation distance from the hydrobox		5 m
	Heating & DHW		+25 ~ +65 °C
	Cooling		+5 ~ +25 °C
Operating range	Heating		-25 ~ +35 °C
	DHW		-25 ~ +43 °C
	Cooling		-5 ~ +43 °C

### NOTES:

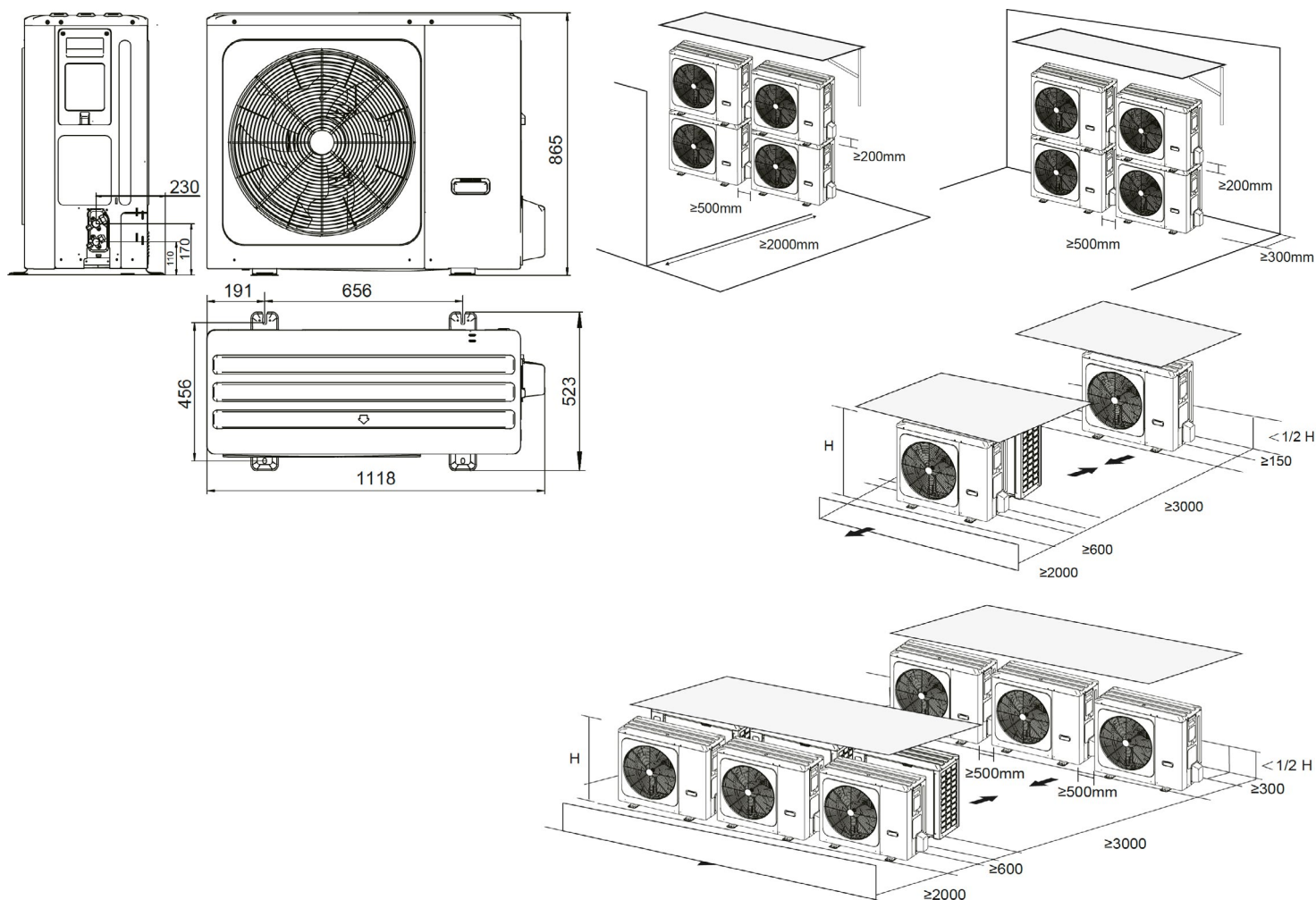
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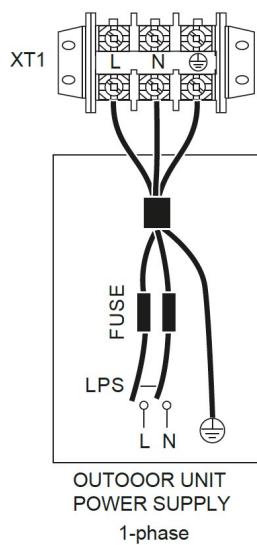
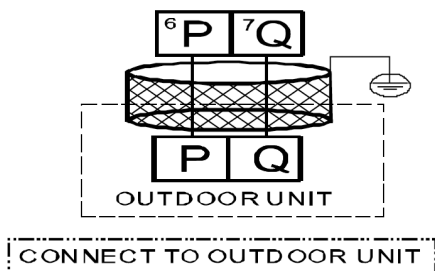
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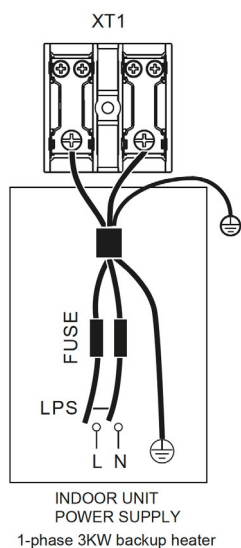
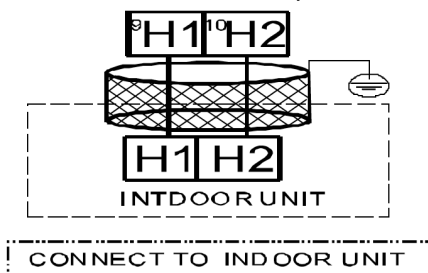


## ELECTRICAL CONNECTION



Unit	10 kW
Max. overcurrent protector (MOP) (A)	19 A
Wiring size (mm <sup>2</sup> )	4,0 mm <sup>2</sup>

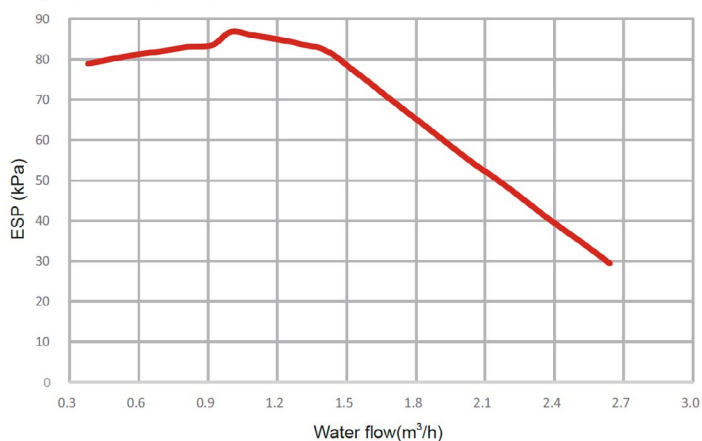
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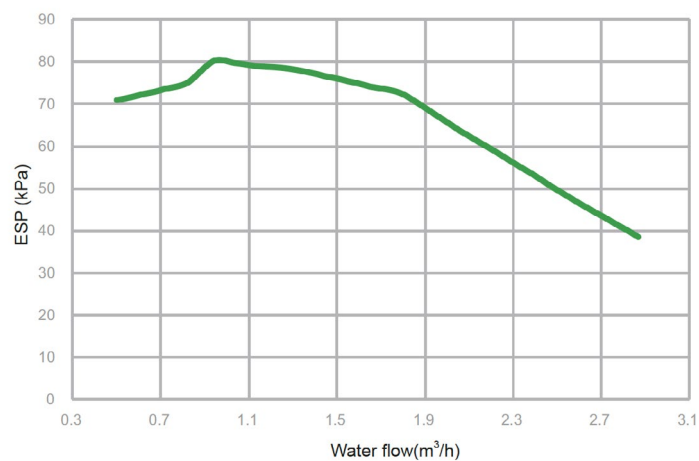
Unit	3 kW - 1 PH
Wiring size	4 mm <sup>2</sup>

## PUMP CURVE

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



HB-A160/CGN8-B hydronic performance



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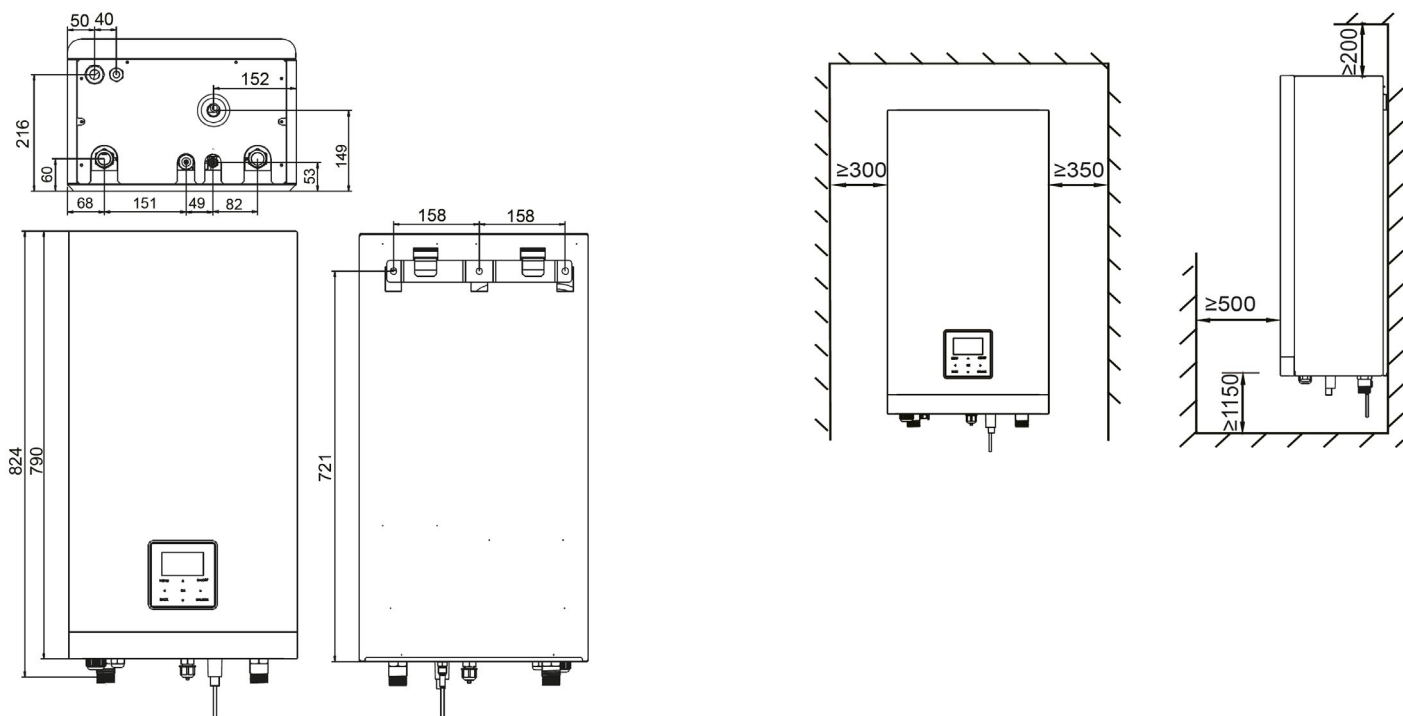
## FEATURES

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	1,6 m²
		Enamelled steel	2,0 m²
	Recommended tank capacity		200 L ~ 500 L
	Recommended model		<b>BSX270 / BSX2475</b>
Water outlet temperature	Max. tank installation distance from the hydrobox		5 m
	Heating & DHW		+25 ~ +65 °C
	Cooling		+5 ~ +25 °C
Operating range	Heating		-25 ~ +35 °C
	DHW		-25 ~ +43 °C
	Cooling		-5 ~ +43 °C

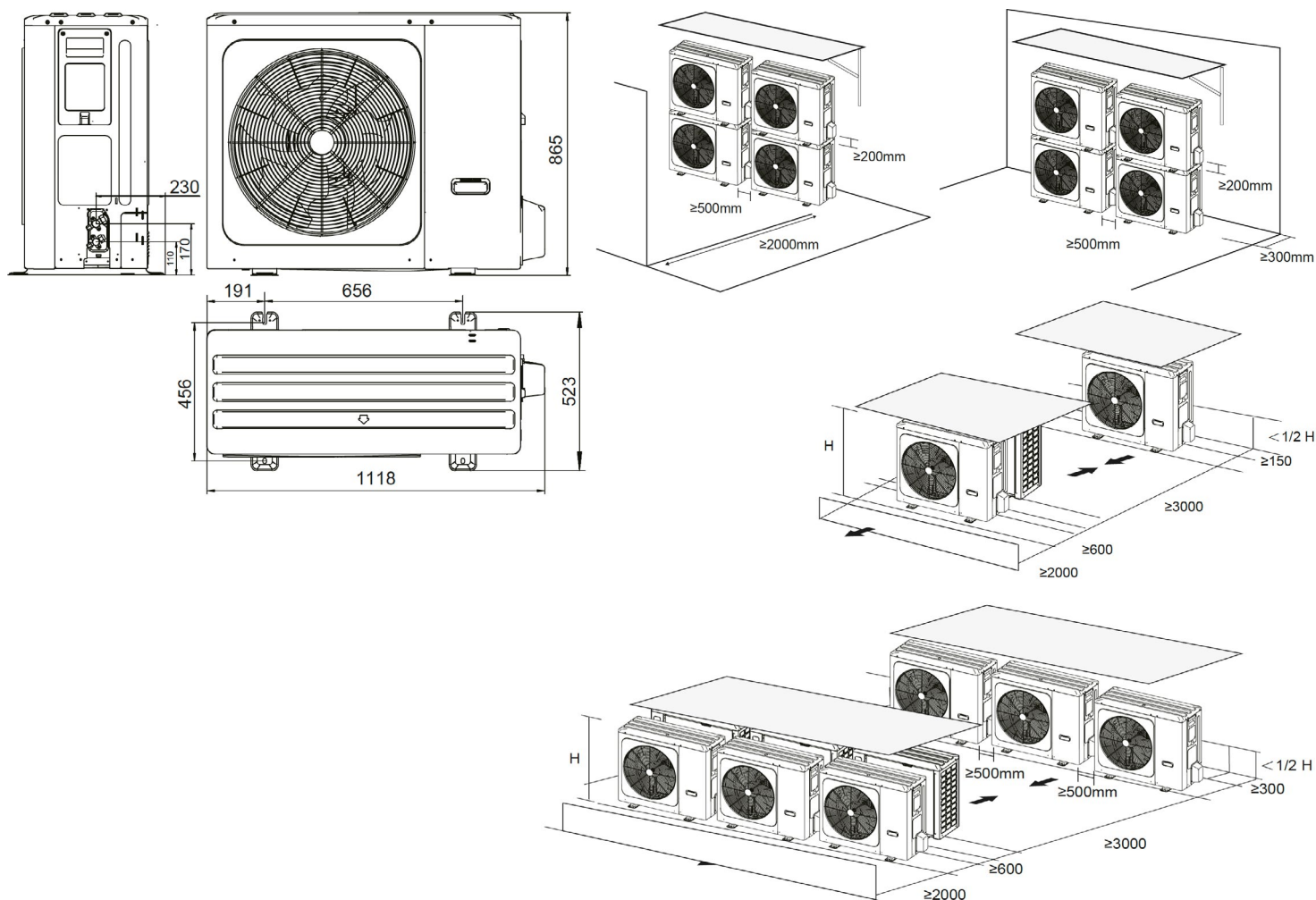
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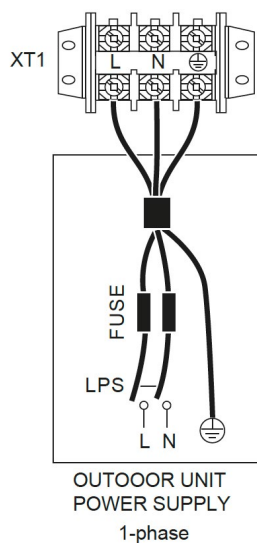
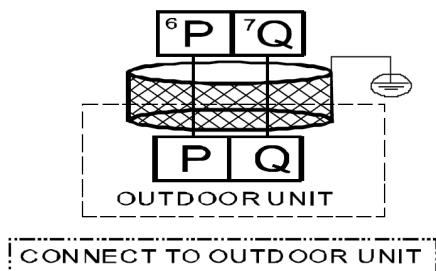


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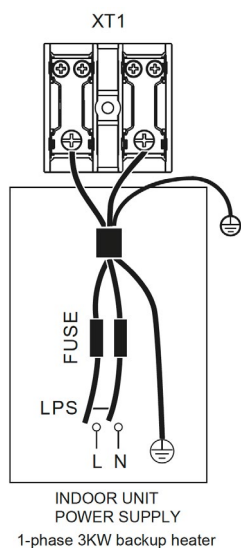
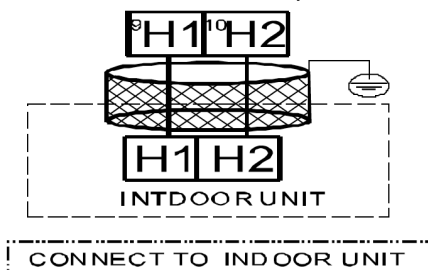


## ELECTRICAL CONNECTION



Unit	12 kW
Max. overcurrent protector (MOP) (A)	30 A
Wiring size (mm <sup>2</sup> )	6,0 mm <sup>2</sup>

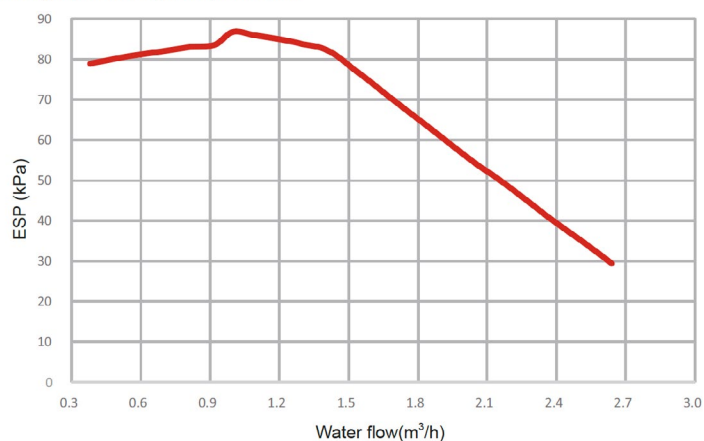
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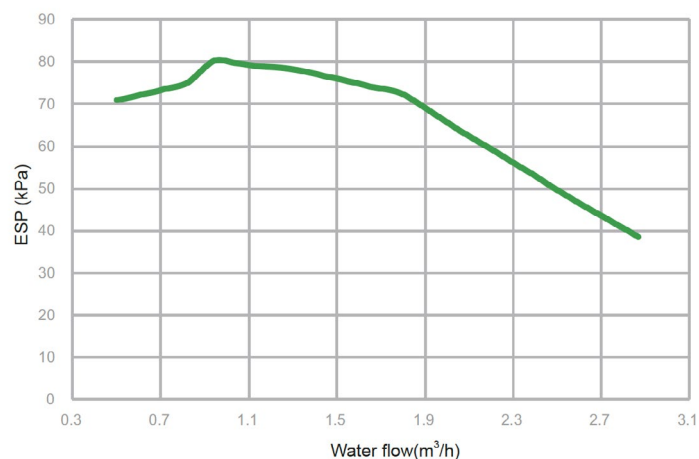
Unit	3 kW - 1 PH
Wiring size	4 mm <sup>2</sup>

## PUMP CURVE

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



HB-A160/CGN8-B hydronic performance



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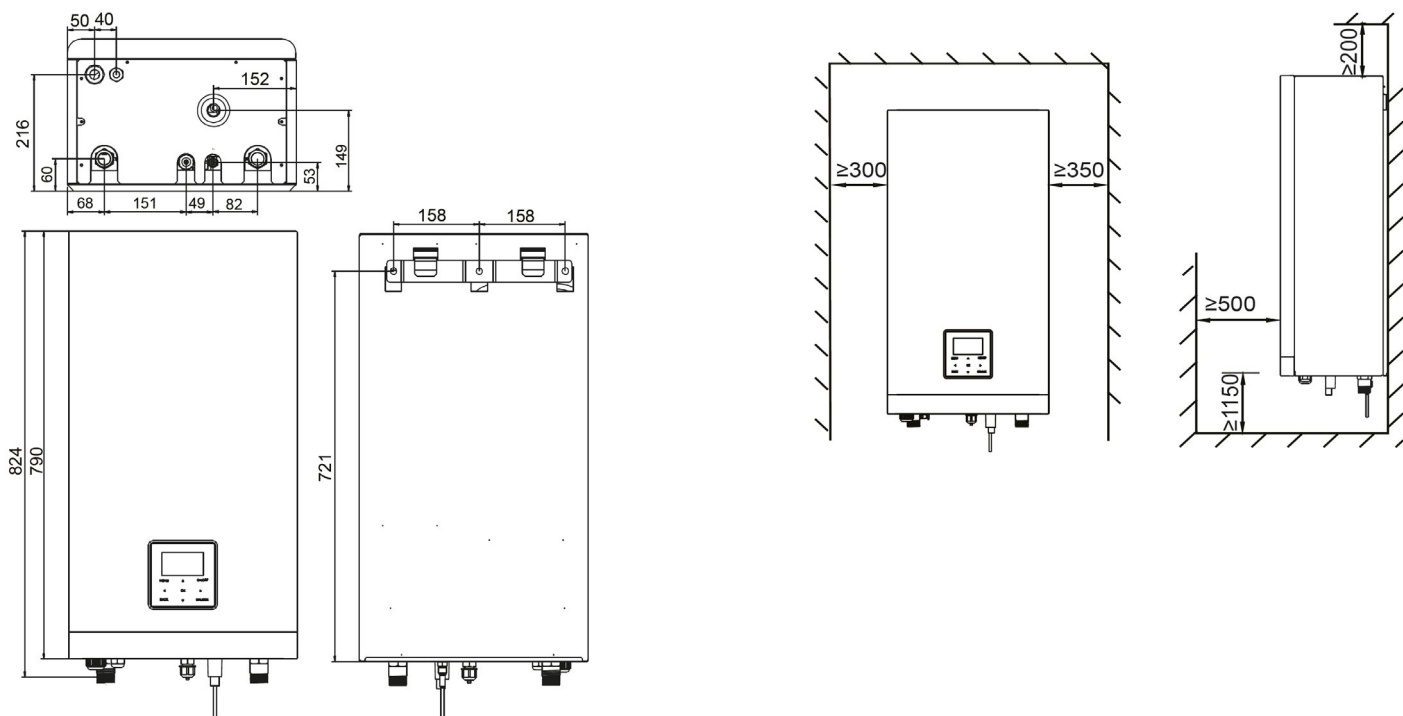
## FEATURES

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
	Rated water flow		2,5 m³/h
	Water flow range		0,7 ~ 3,0 m³/h
DHW tank (not included)	Minimum DHW coil area	Stainless	1,6 m²
		Enamelled steel	2,5 m²
	Recommended tank capacity		200 L ~ 500 L
	Recommended model		<b>BSX270 / BSX2475</b>
Water outlet temperature	Max. tank installation distance from the hydrobox		5 m
	Heating & DHW		+25 ~ +65 °C
	Cooling		+5 ~ +25 °C
Operating range	Heating		-25 ~ +35 °C
	DHW		-25 ~ +43 °C
	Cooling		-5 ~ +43 °C

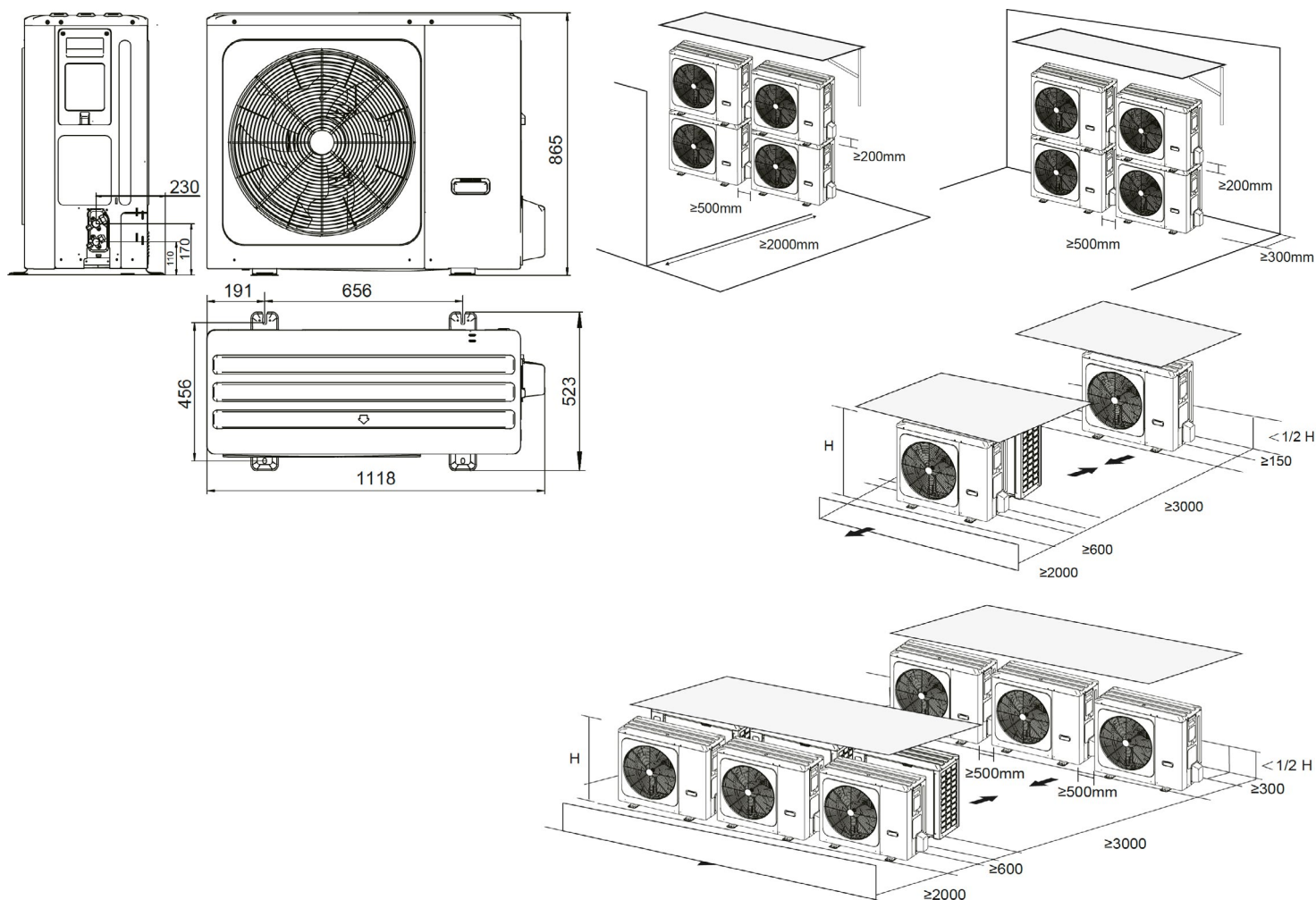
### NOTES:

(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.

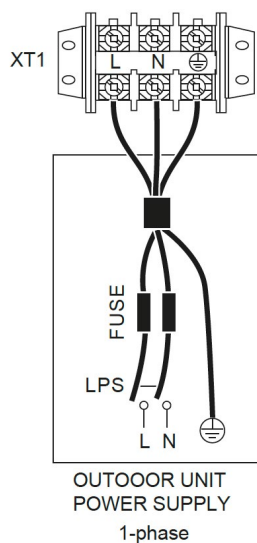
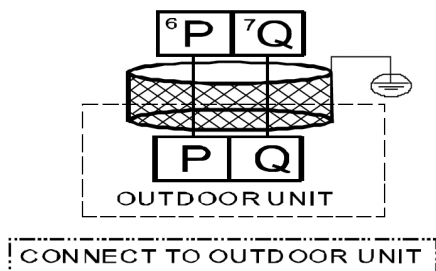
## INDOOR UNIT DIMENSIONS & INSTALLATION DISTANCES



## OUTDOOR UNIT DIMENSIONS & INSTALLATION DISTANCES

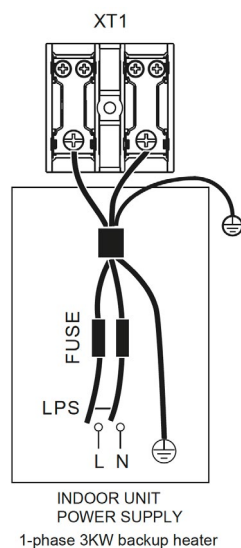
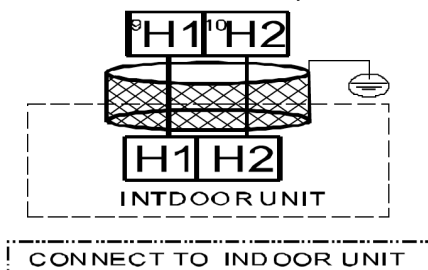


## ELECTRICAL CONNECTION



<b>Unit</b>	<b>14 kW</b>
Max. overcurrent protector (MOP) (A)	30 A
Wiring size (mm <sup>2</sup> )	6,0 mm <sup>2</sup>

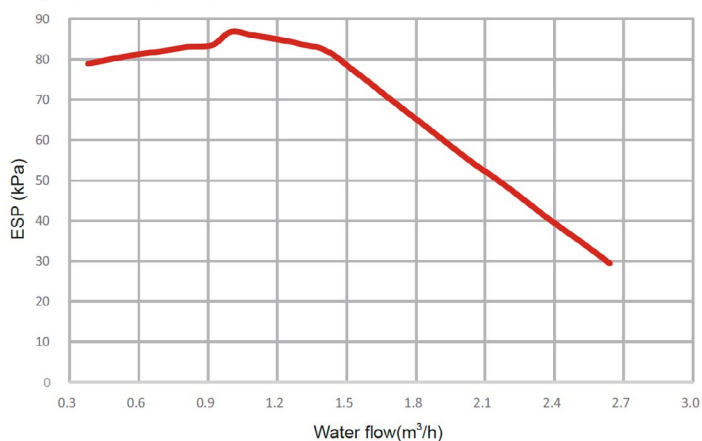
### Internal machine parallel



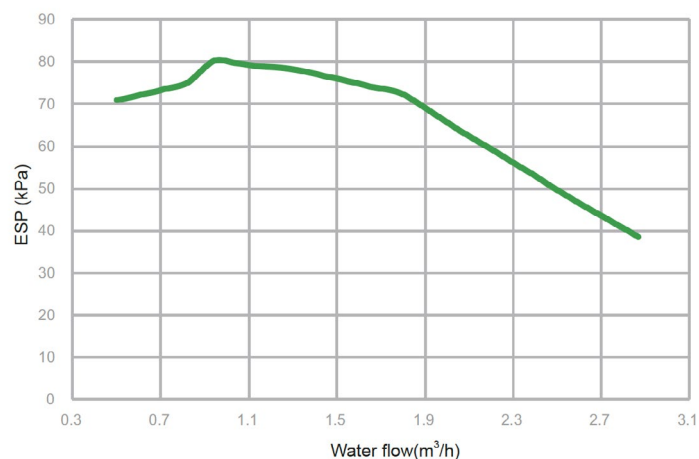
<b>Unit</b>	<b>3 kW - 1 PH</b>
Wiring size	4 mm <sup>2</sup>

## PUMP CURVE

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



HB-A160/CGN8-B hydronic performance



# Aquantia KHPMS-BI PRO

## Bibloc Wall-Mounted Set

## PRODUCT SHEET



Product certified by:



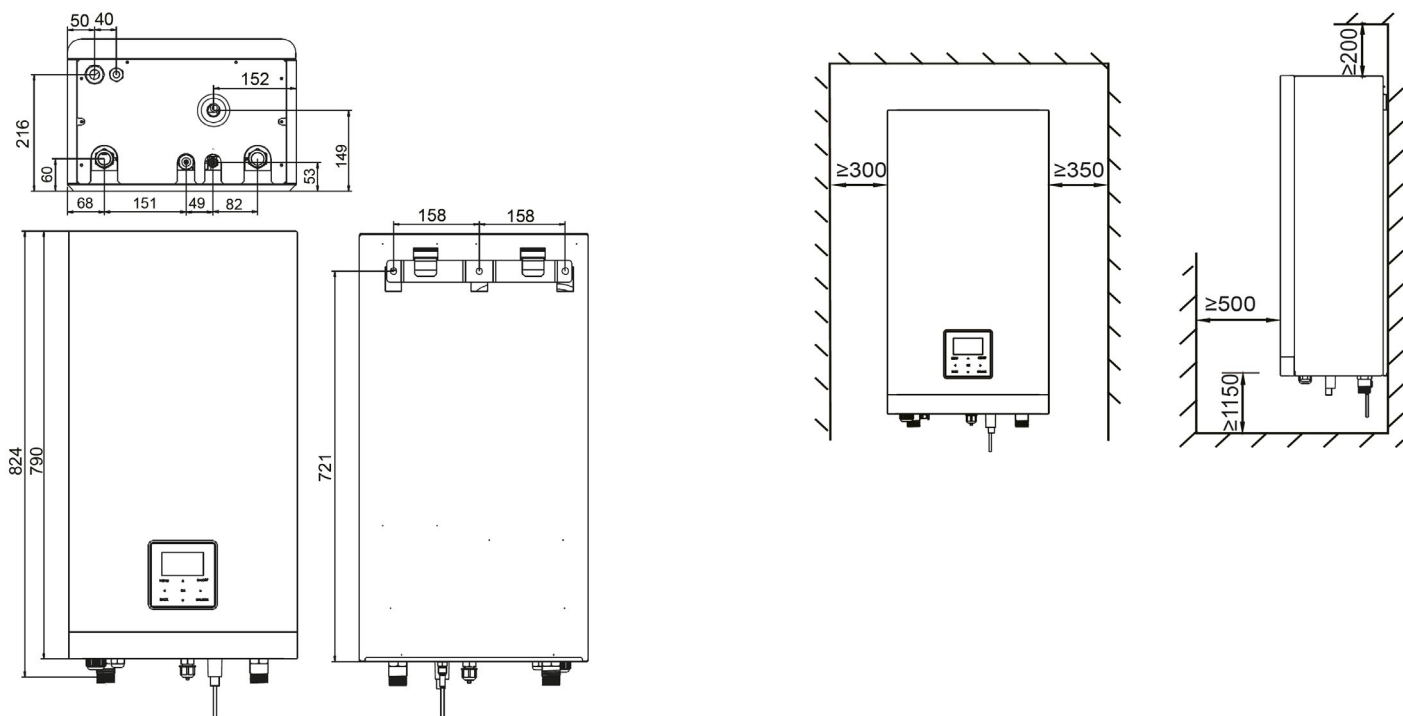
## FEATURES

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 m³/h
	Water flow range		0,7 ~ 3,0 m³/h
DHW tank (not included)	Minimum DHW coil area	Stainless	1,6 m²
		Enamelled steel	2,5 m²
	Recommended tank capacity		200 L ~ 500 L
	Recommended model		<b>BSX270 / BSX2475</b>
Water outlet temperature	Max. tank installation distance from the hydrobox		5 m
	Heating & DHW		+25 ~ +65 °C
	Cooling		+5 ~ +25 °C
Operating range	Heating		-25 ~ +35 °C
	DHW		-25 ~ +43 °C
	Cooling		-5 ~ +43 °C

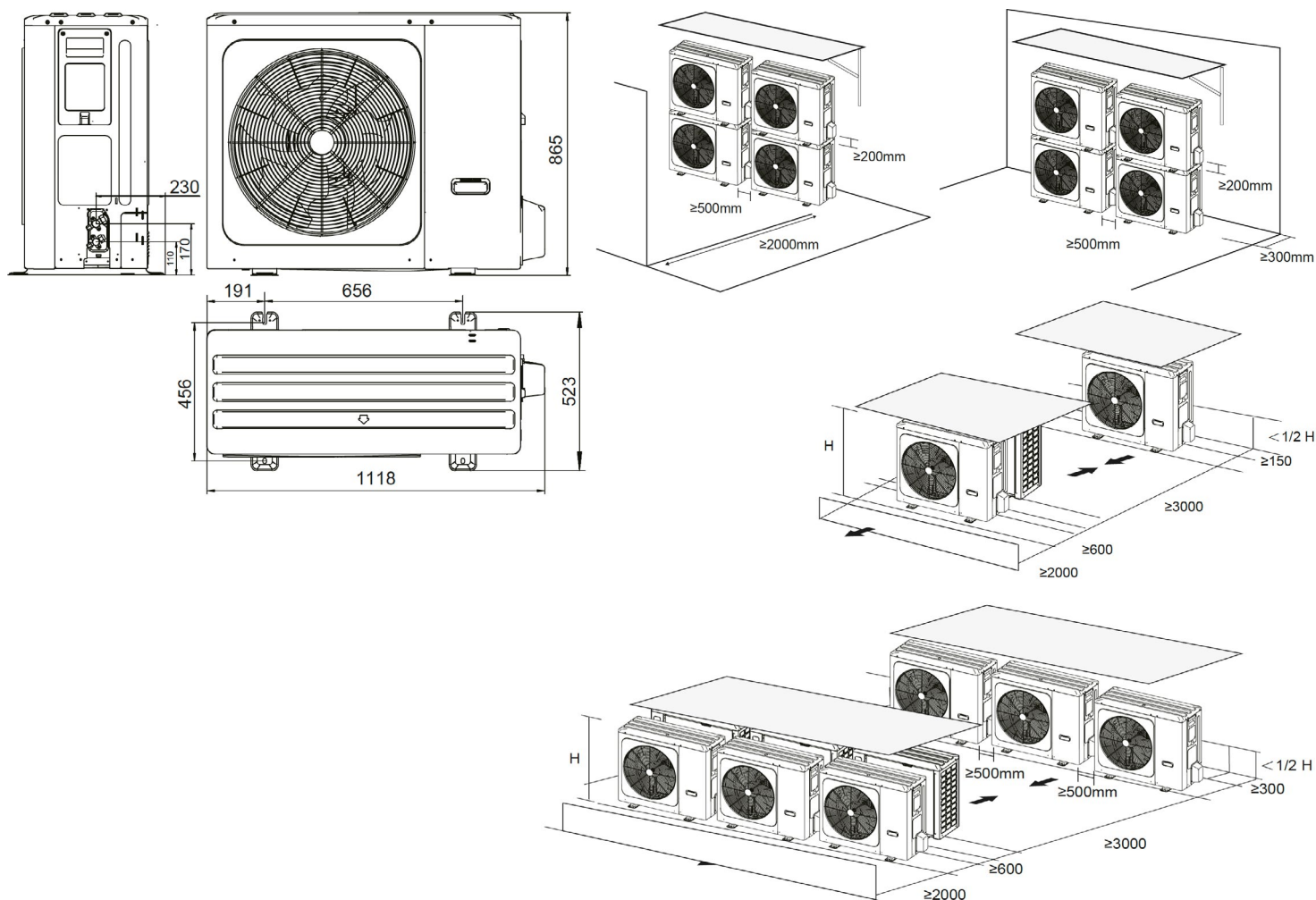
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## INDOOR UNIT DIMENSIONS & INSTALLATION DISTANCES

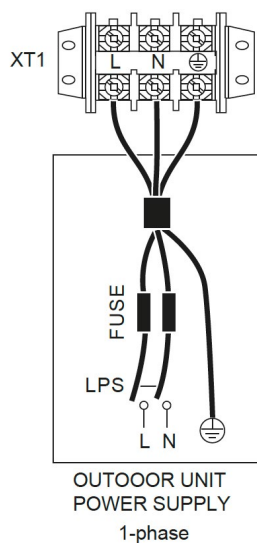
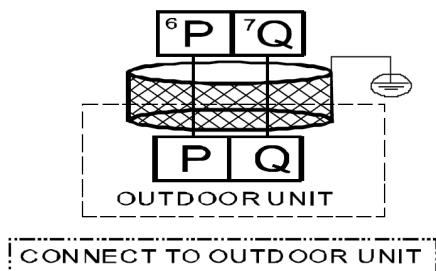


## OUTDOOR UNIT DIMENSIONS & INSTALLATION DISTANCES



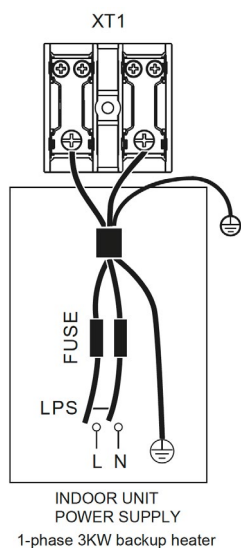
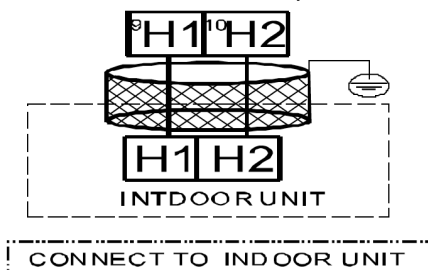


## ELECTRICAL CONNECTION



<b>Unit</b>	<b>16 kW</b>
Max. overcurrent protector (MOP) (A)	30 A
Wiring size (mm <sup>2</sup> )	6,0 mm <sup>2</sup>

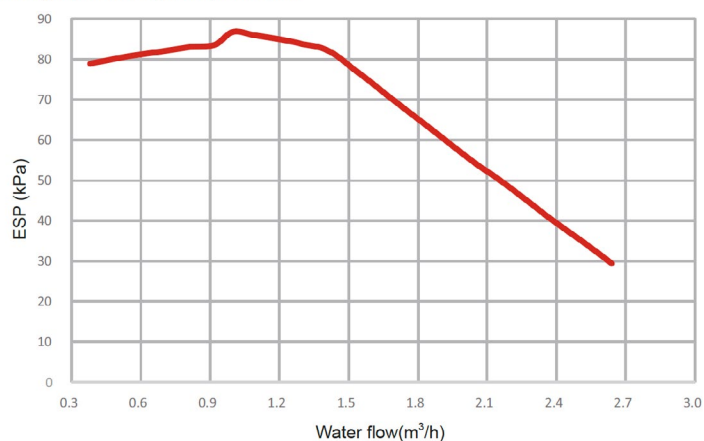
### Internal machine parallel



<b>Unit</b>	<b>3 kW - 1 PH</b>
Wiring size	4 mm <sup>2</sup>

## PUMP CURVE

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



HB-A160/CGN8-B hydronic performance

