

Aquantia KHPMS-BI PRO

Bibloc Wall-Mounted Set

PRODUCT SHEET



Product certified by:



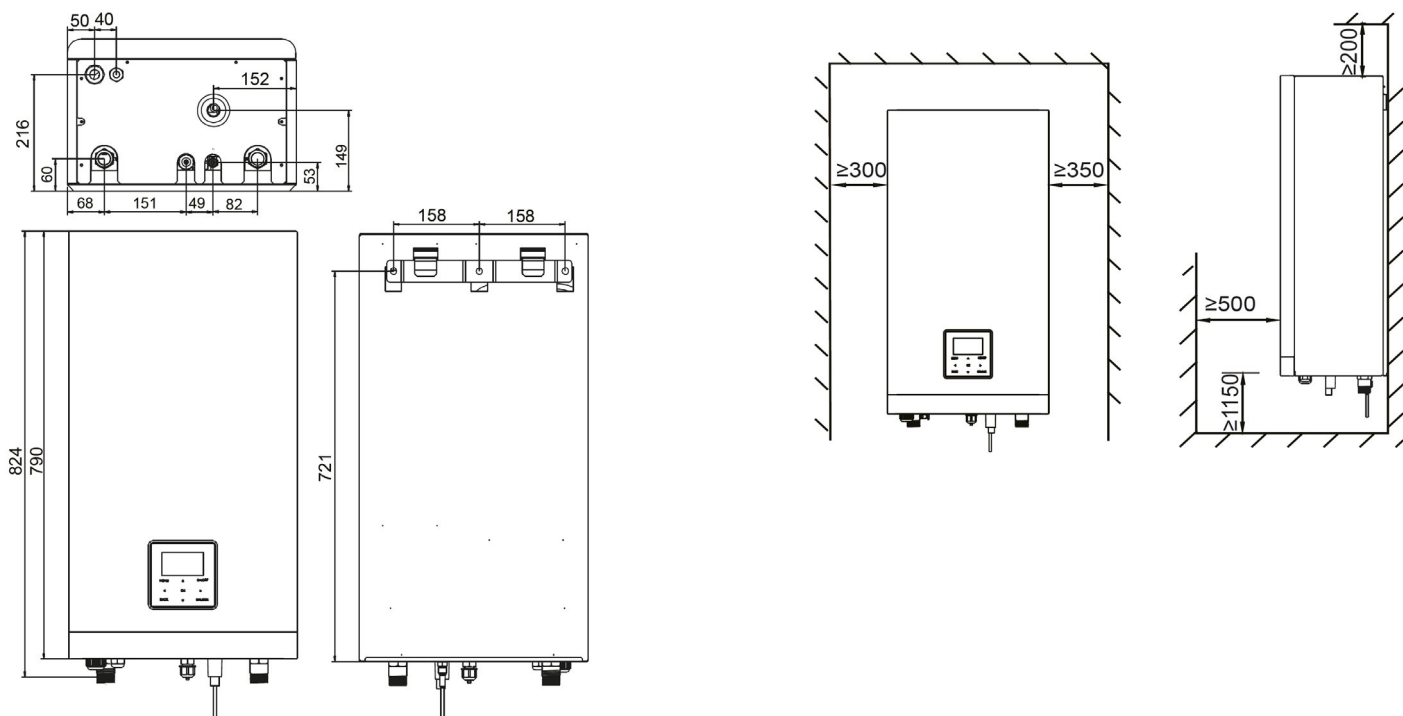
FEATURES

Model	Set		KHPMS-BI 14 DTR PRO
	Indoor unit		KHPM-BI 16 DVR2
	Outdoor unit		KHP-BI 14 DTR2
Outdoor unit	Net / Gross weight		116 kg / 129,5 kg
	Drain connection		DN32 mm
	Sound power		65 dB(A)
	Power supply		380-415 V / 3 / 50 Hz
	Max. intensity		14,0 A
	Recommended fuse		D16 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		BSX270 / BSX2475
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

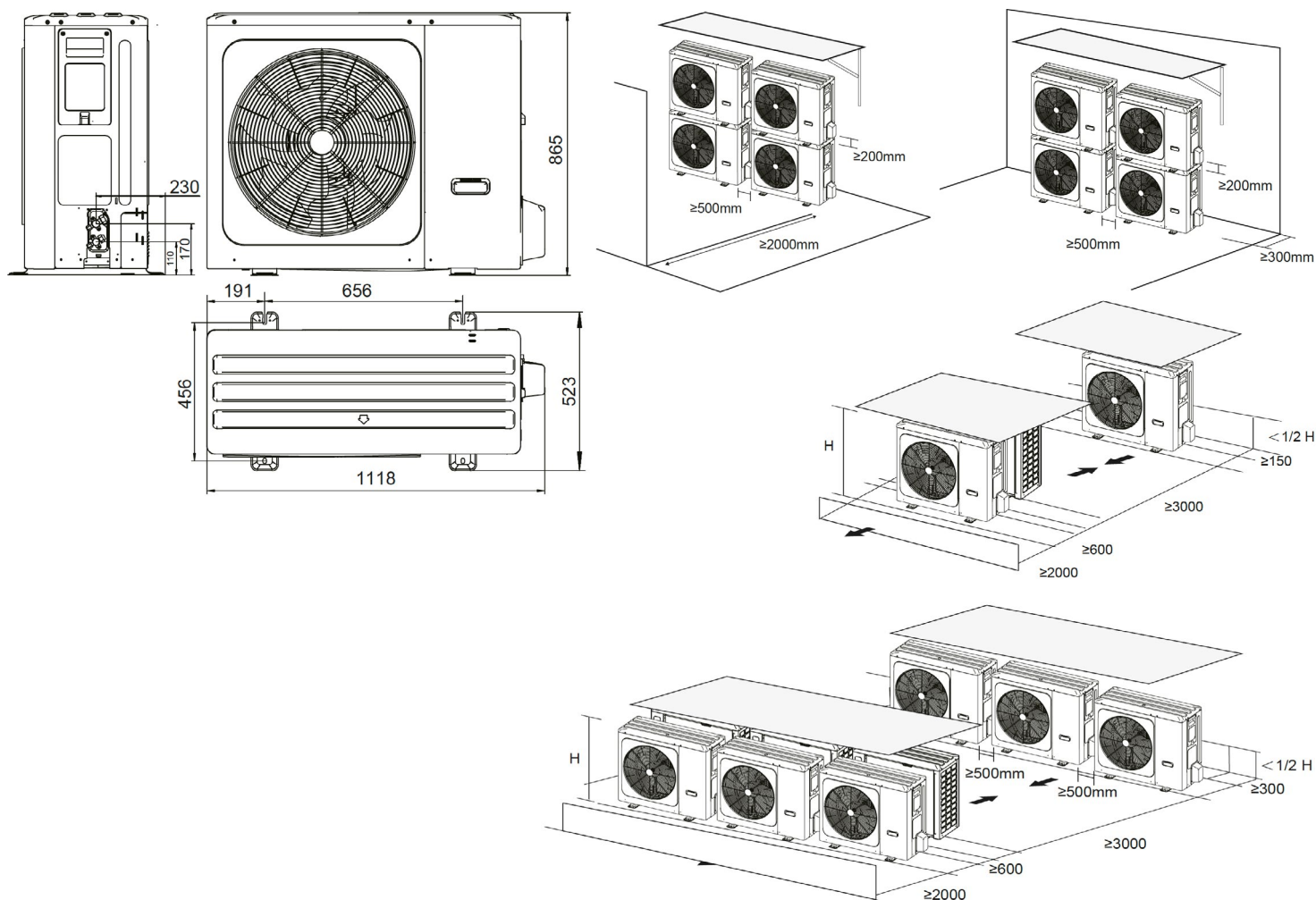
NOTES:

(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.

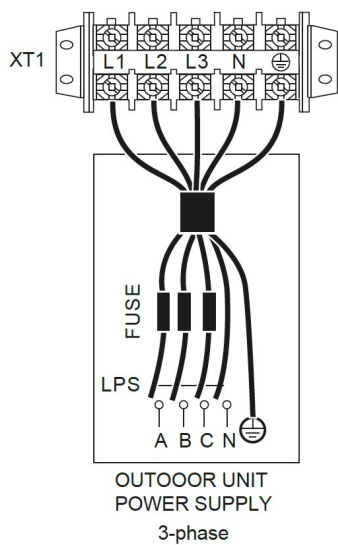
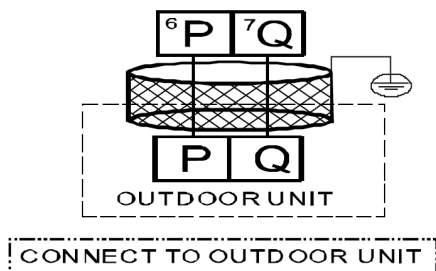
INDOOR UNIT DIMENSIONS & INSTALLATION DISTANCES



OUTDOOR UNIT DIMENSIONS & INSTALLATION DISTANCES

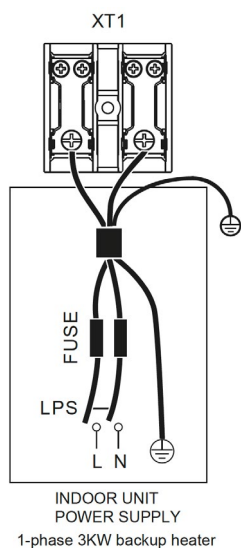


ELECTRICAL CONNECTION



Unit	14 kW 3-PH
Max. overcurrent protector (MOP) (A)	14 A
Wiring size (mm ²)	2,5 mm ²

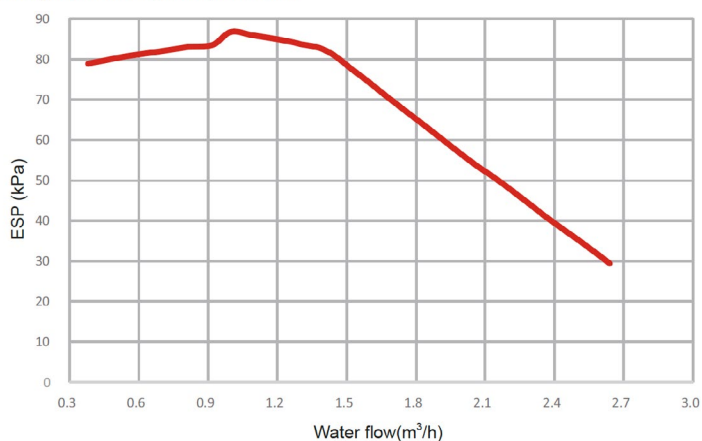
Internal machine parallel



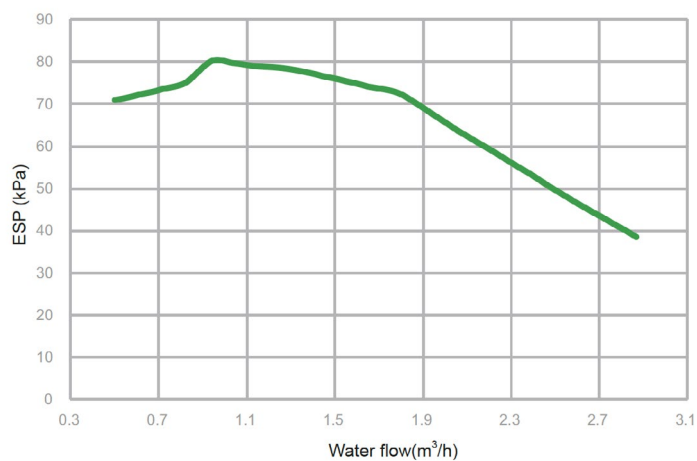
Unit	3 kW - 1 PH
Wiring size	4 mm ²

PUMP CURVE

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



HB-A160/CGN8-B hydronic performance



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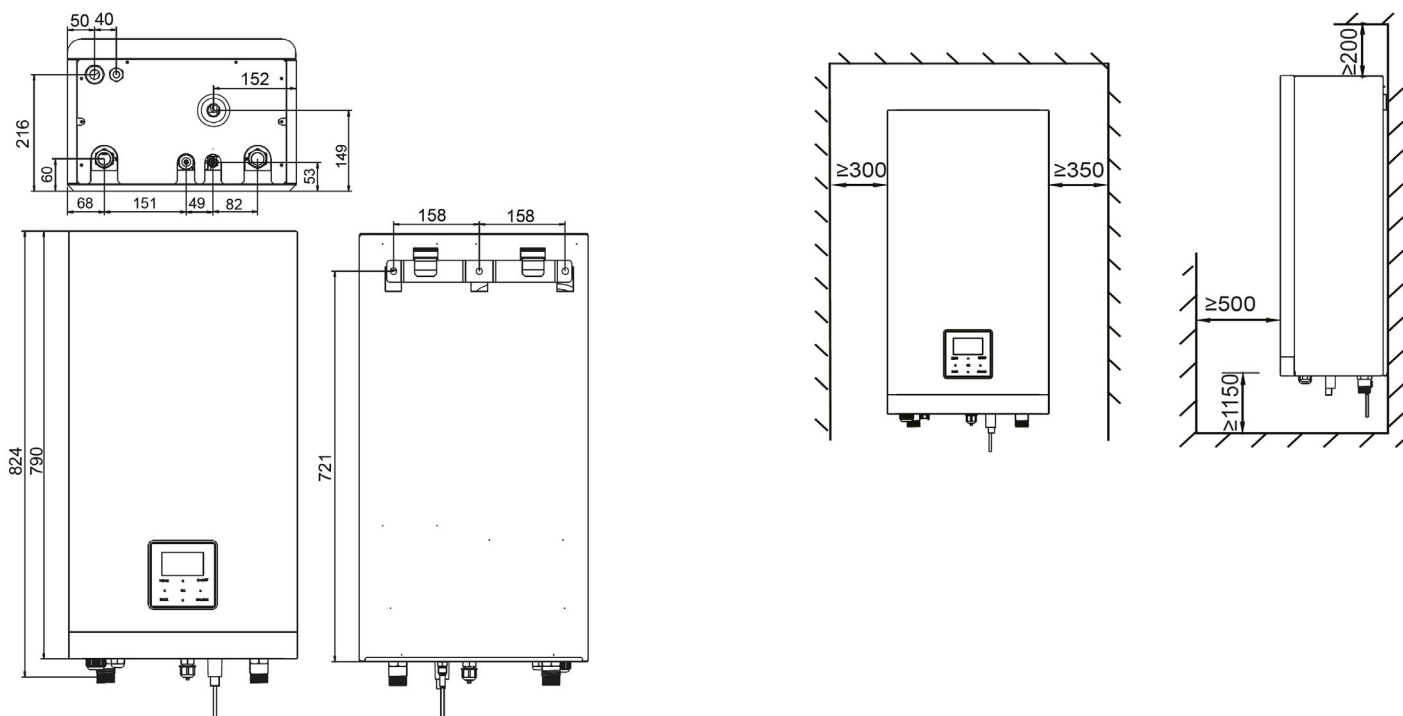
FEATURES

Model	Set		KHPMS-BI 16 DTR PRO
	Indoor unit		KHPM-BI 16 DVR2
	Outdoor unit		KHP-BI 16 DTR2
Outdoor unit	Net / Gross weight		116 kg / 129,5 kg
	Drain connection		DN32 mm
	Sound power		68 dB(A)
	Power supply		380-415 V / 3 / 50 Hz
	Max. intensity		14,0 A
	Recommended fuse		D16 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		BSX270 / BSX2475
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

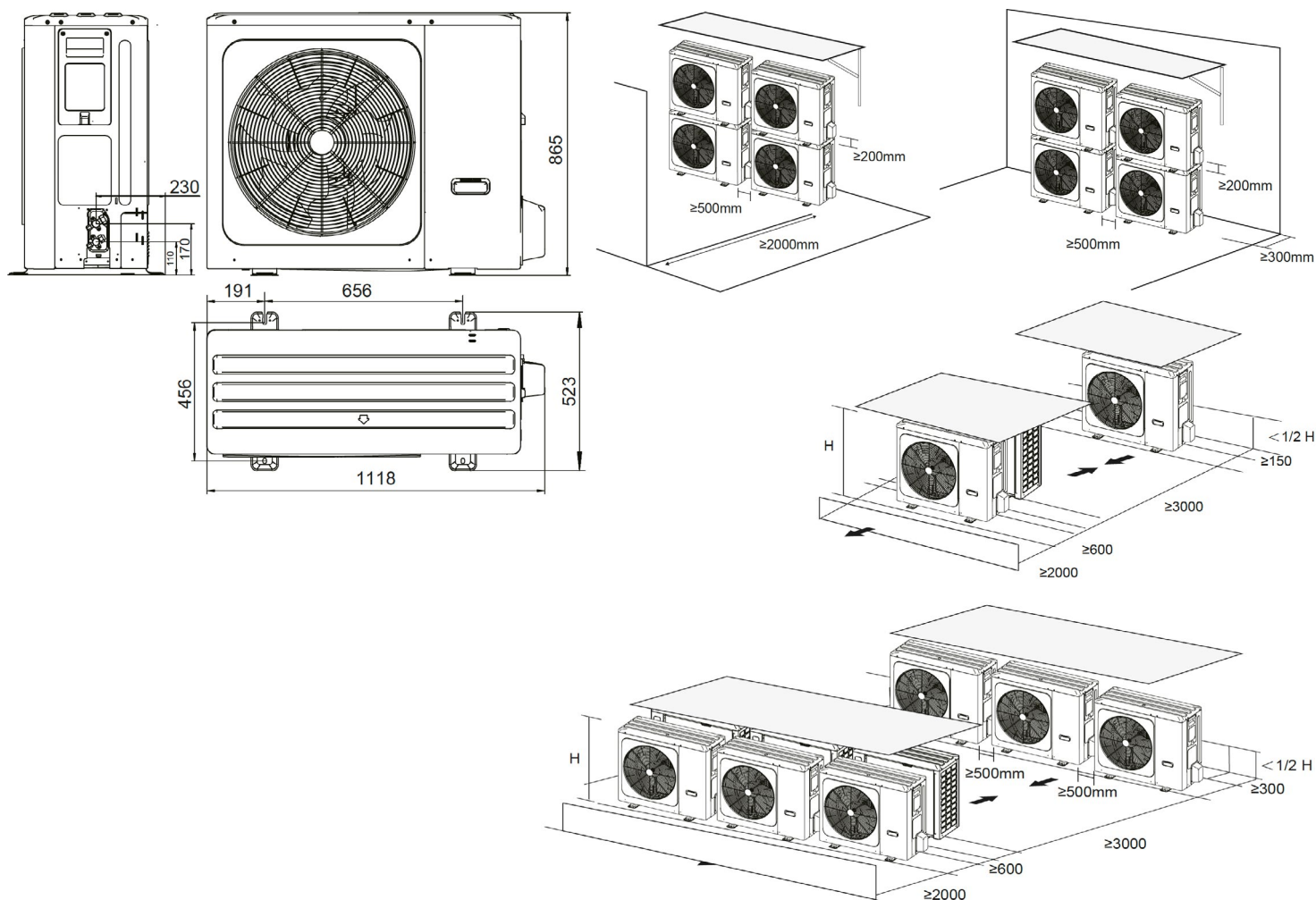
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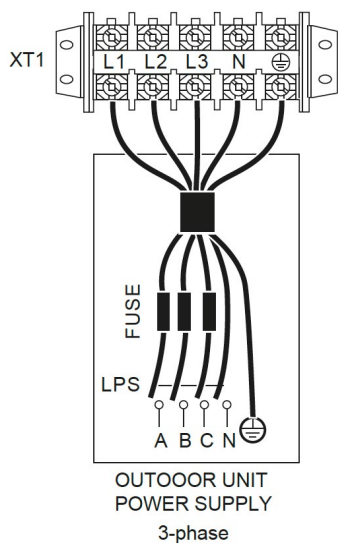
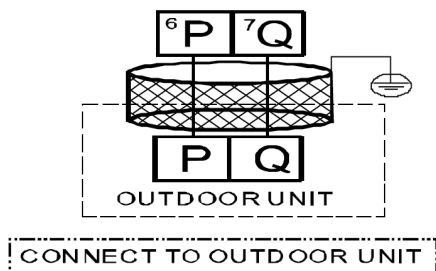
INDOOR UNIT DIMENSIONS & INSTALLATION DISTANCES



OUTDOOR UNIT DIMENSIONS & INSTALLATION DISTANCES

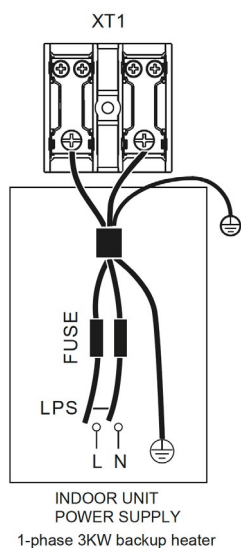
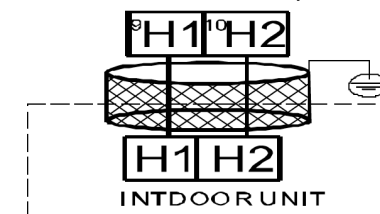


ELECTRICAL CONNECTION



Unit	16 kW 3-PH
Max. overcurrent protector (MOP) (A)	14 A
Wiring size (mm ²)	2,5 mm ²

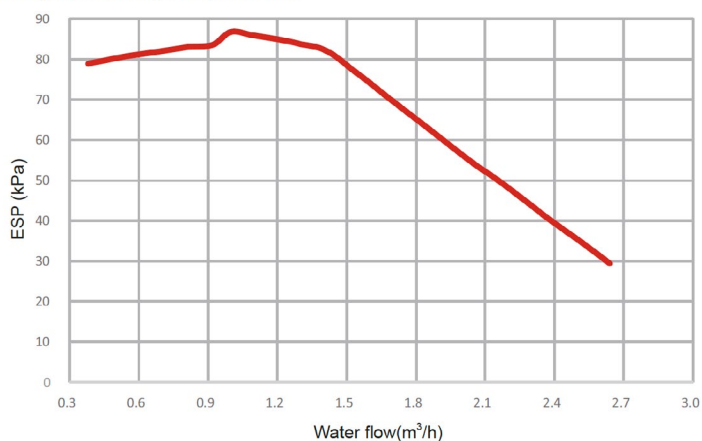
Internal machine parallel



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

