

KHPS-MO PRO HP



PRODUCT SHEET



KCTAQ-02

Standard controller

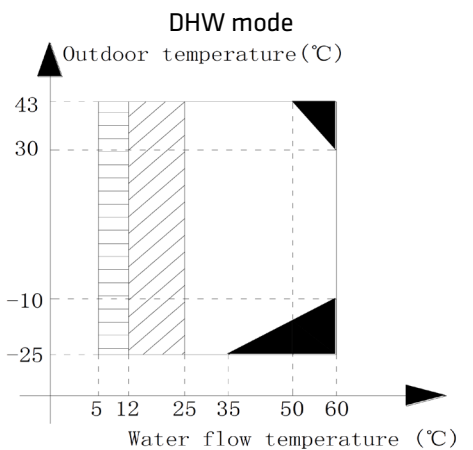
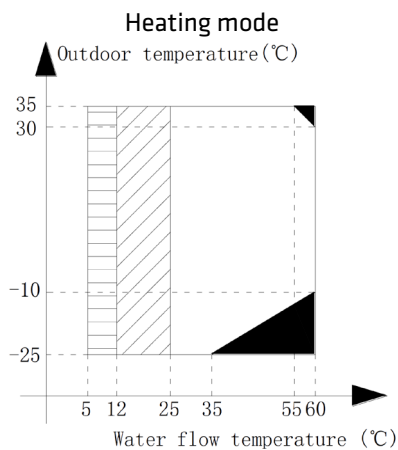
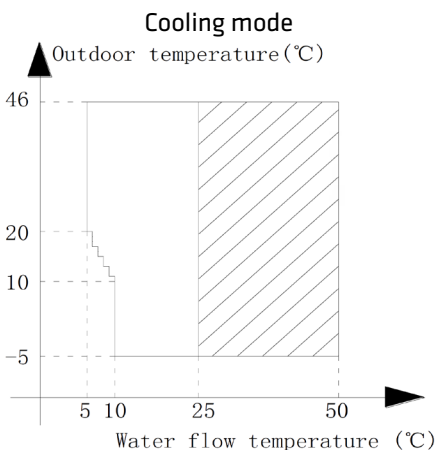
Product certified by:



FEATURES

Model	KHPS-MO 18 PRO HP
Cooling capacity	17 kW
Cooling power input	5.570 W
Heating capacity	18 kW
Heating power input	5.140 W
EER / COP	3,05 / 3,5
SEER	4,7
SCOP (average zone water 35 °C) - Energy class	4,6 - A+++
Compressor type / No. compressors	Inverter Rotary / 1
No. fans	2
Air flow	10.650 m ³ /h
Sound pressure	55 dB(A)
Refrigerant charge	5 kg
Water flow	2,9 m ³ /h
Volume of expansion tank	8 l
Available pressure pump	102 kPa
Hydraulic connections	1 1/4"
Power supply	380-415 V / 3 / 50

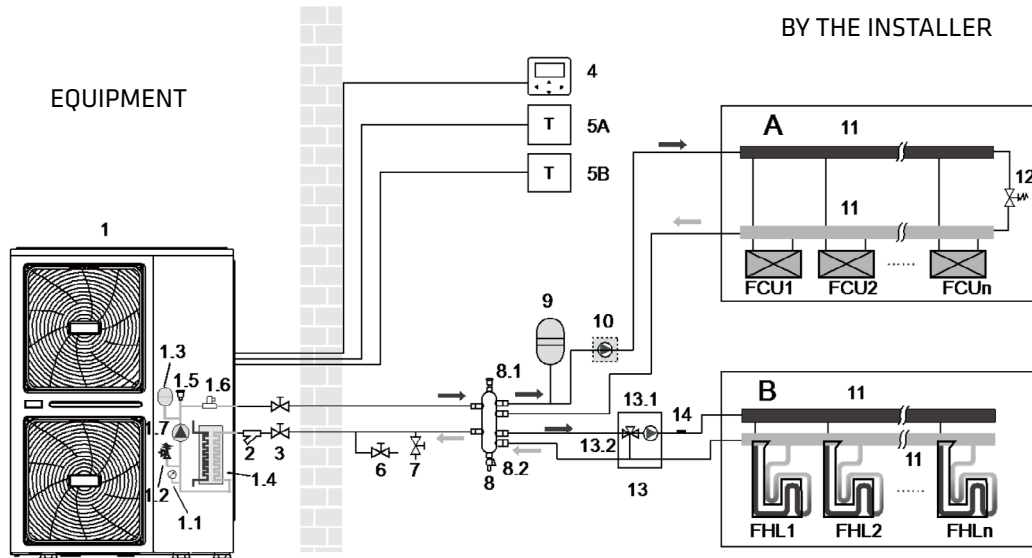
OPERATING LIMITS



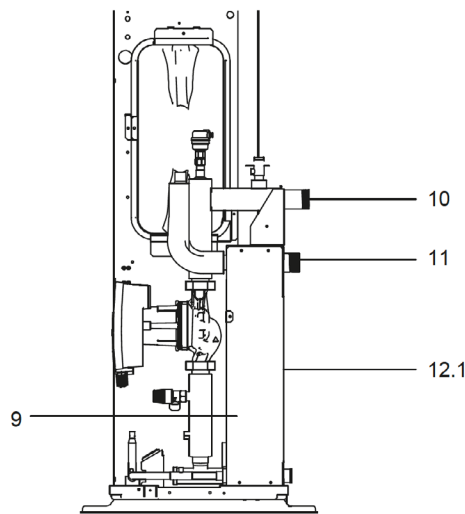
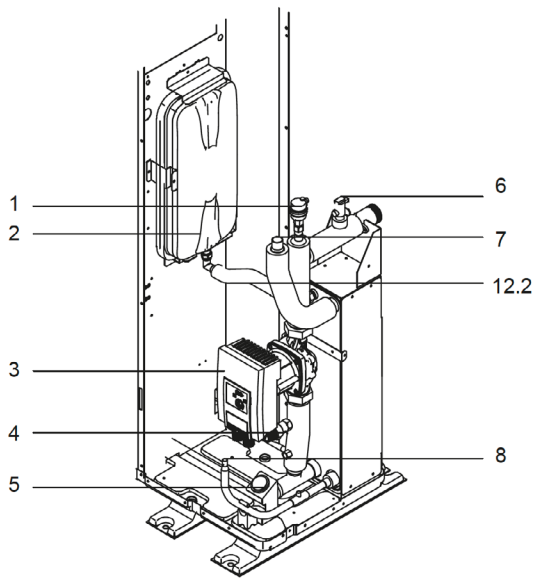
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RECOMMENDED INSTALLATION



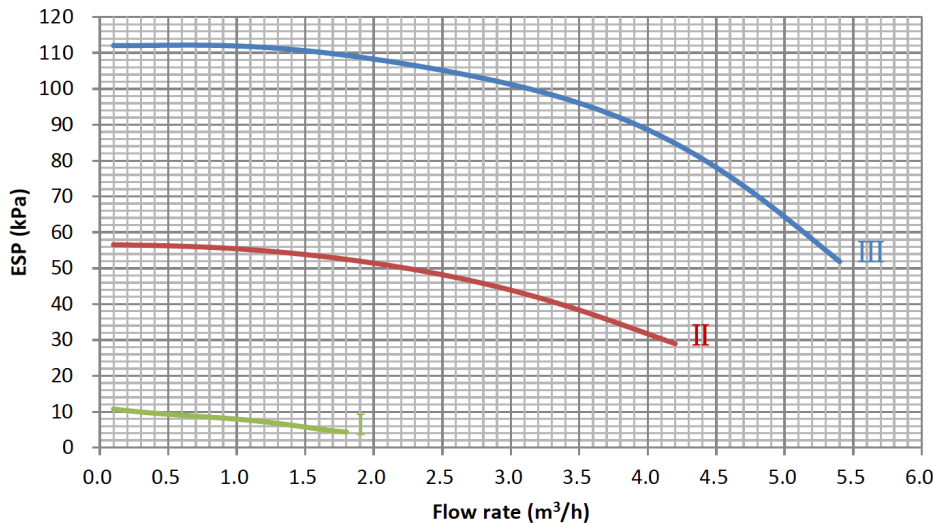
HYDRAULIC MODULE



1. Air purge valve
2. Expansion vessel
3. Circulation pump
4. Pressure relief valve
5. Manometer
6. Flow switch
7. Refrigerant gas connection
8. Refrigerant liquid connection
9. Plate heat exchanger
10. Water outlet connection
11. Water inlet connection
- 12.1. Electrical heating tape
- 12.2. Electrical heating tape / Temperature sensors

WATER PUMP PERFORMANCE

Available external static pressure VS Flow rate



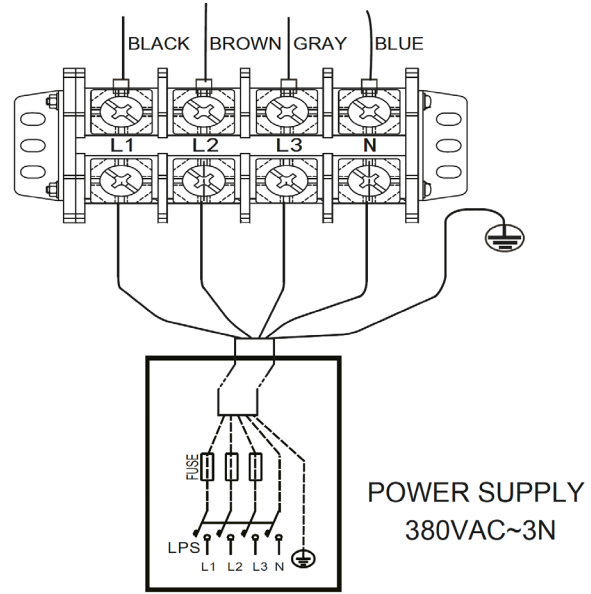
Abbreviations:
ESP: External static pressure

- Notes:
1. I, II and III indicate water pump speed:
I: Low
II: Medium
III: High.

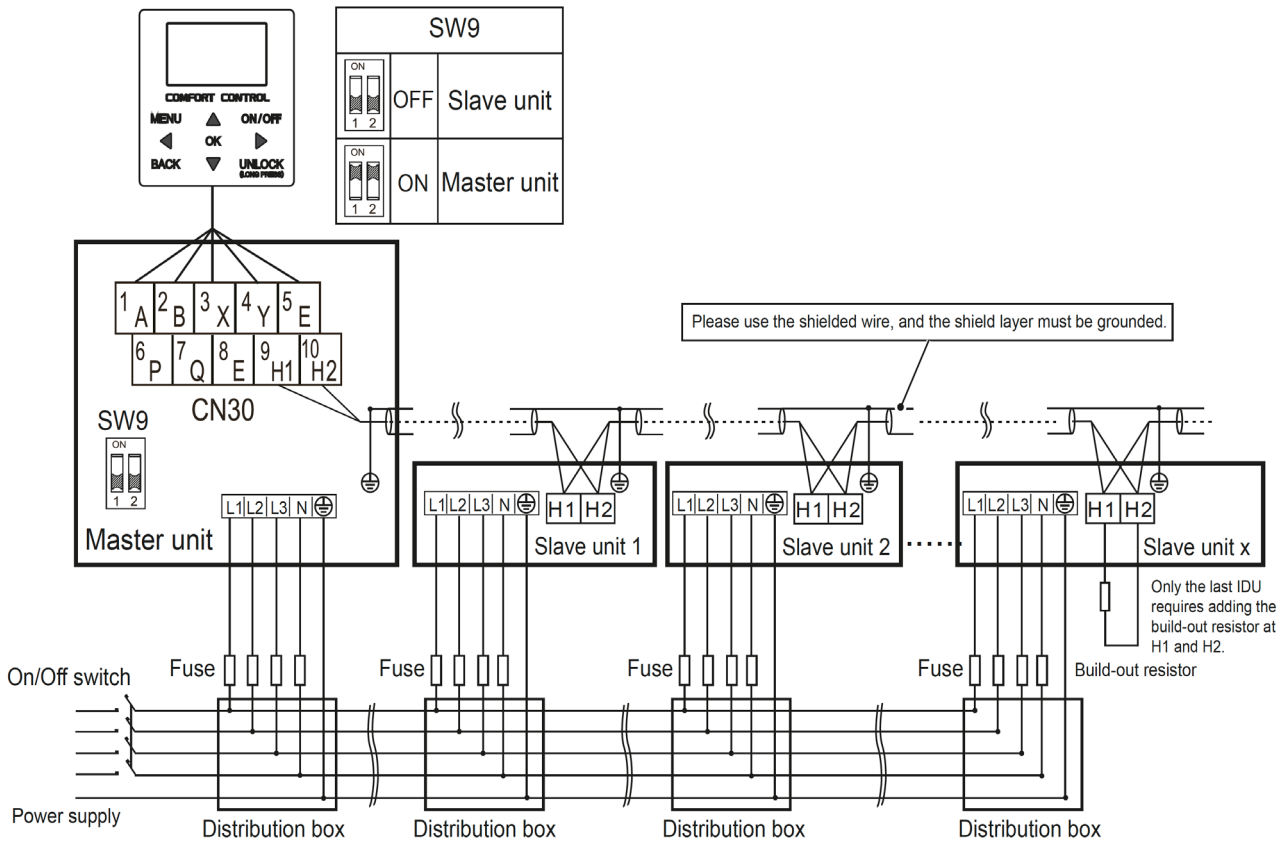


ELECTRIC CONNECTION

Maximum overcurrent protector (MOP)	18
Wiring size (mm ²)	6



CONTROL CONNECTION & MASTER OPTION

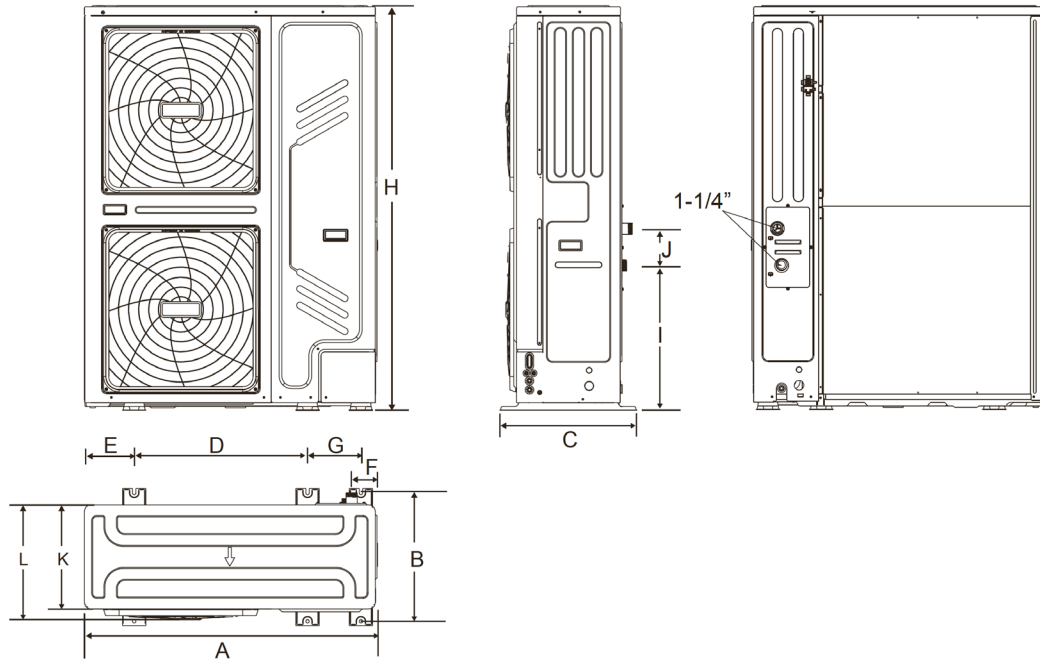


The parallel system electrical control system connection diagram(3N~)



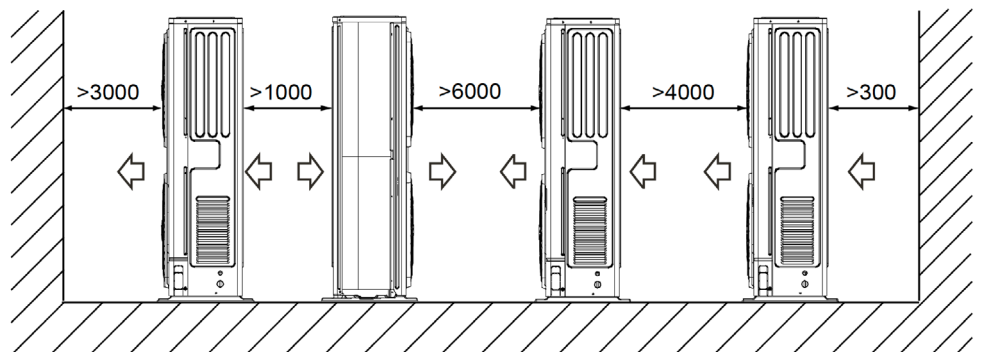
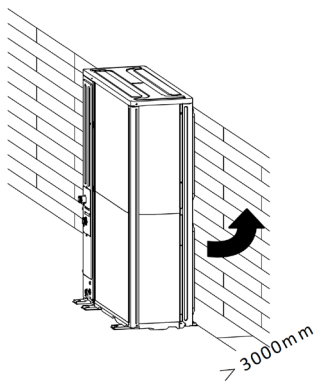
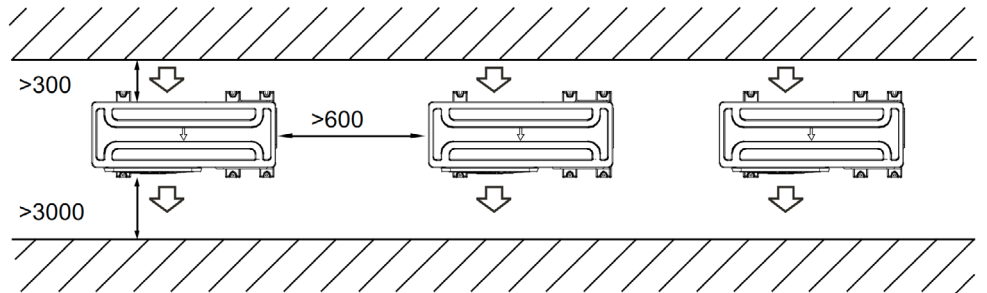
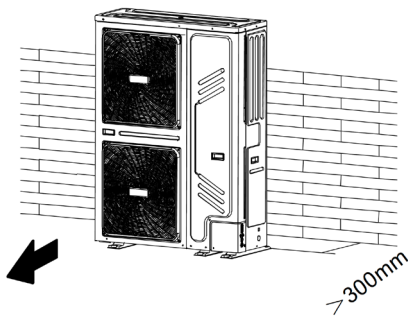
Kaysun
by frigicoll

DIMENSIONS OF UNIT



A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	J (mm)	K (mm)	L (mm)	Net weight (kg)
1.129	494	528	668	192	98	206	1.558	558	143	400	440	177

INSTALLATION



KHPS-MO PRO HP



PRODUCT SHEET



KCTAQ-02

Standard controller

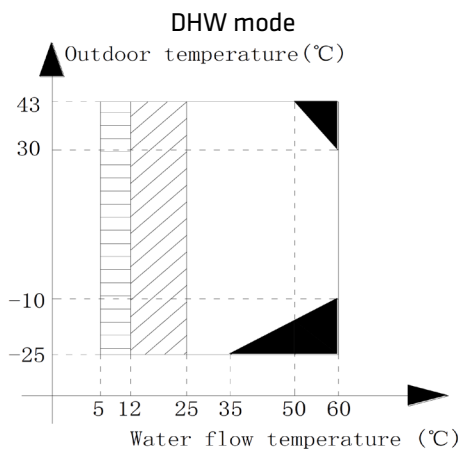
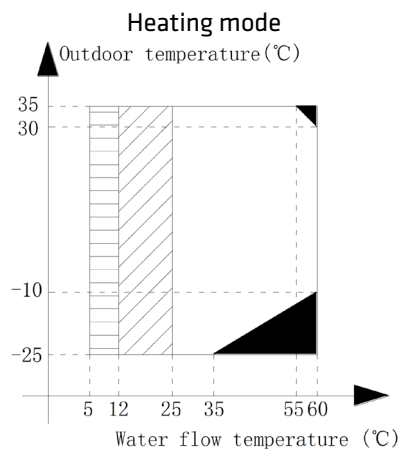
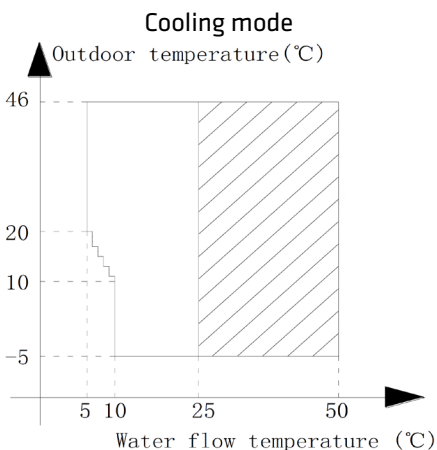
Product certified by:



FEATURES

Model	KHPS-MO 22 PRO HP
Cooling capacity	21 kW
Cooling power input	7.120 W
Heating capacity	22 kW
Heating power input	6.470 W
EER / COP	2,95 / 3,4
SEER	4,7
SCOP (average zone water 35 °C) - Energy class	4,53 - A+++
Compressor type / No. compressors	Inverter Rotary / 1
No. fans	2
Air flow	10.650 m ³ /h
Sound pressure	58 dB(A)
Refrigerant charge	5 kg
Water flow	3,6 m ³ /h
Volume of expansion tank	8 l
Available pressure pump	94,6 kPa
Hydraulic connections	1 1/4"
Power supply	380-415 V / 3 / 50

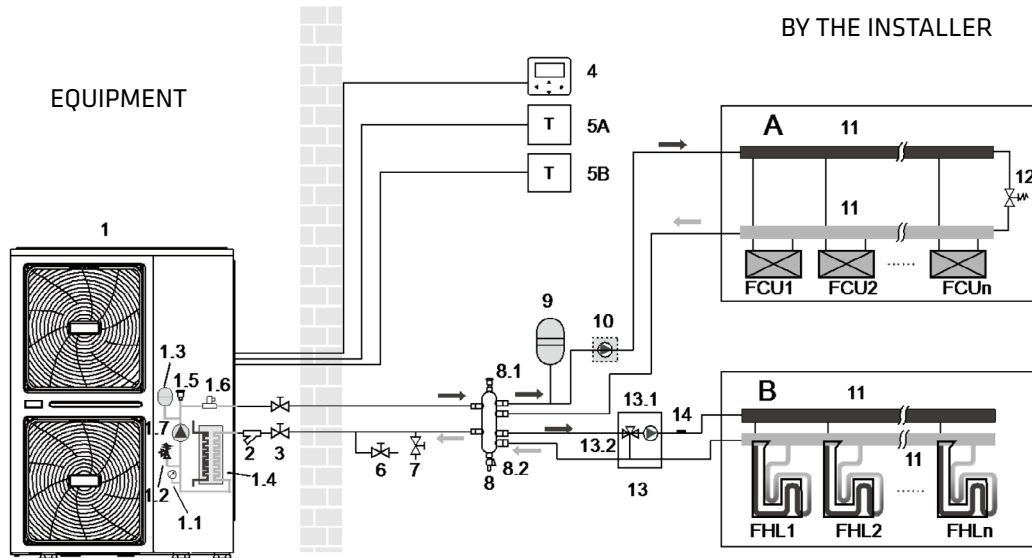
OPERATING LIMITS



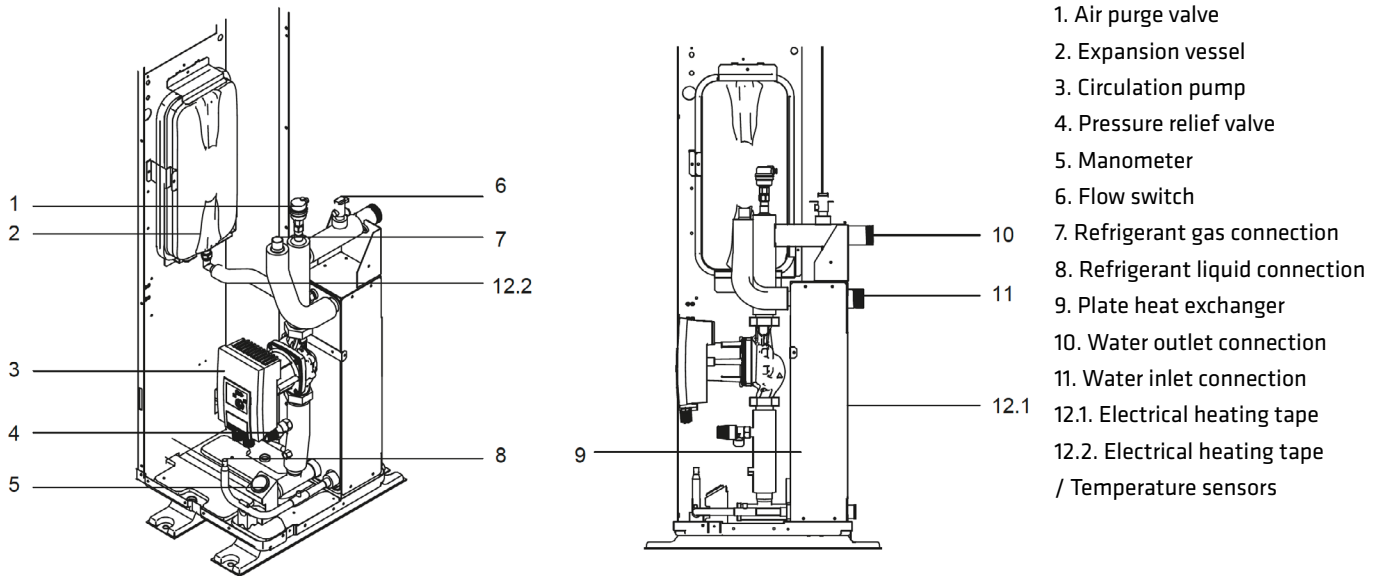
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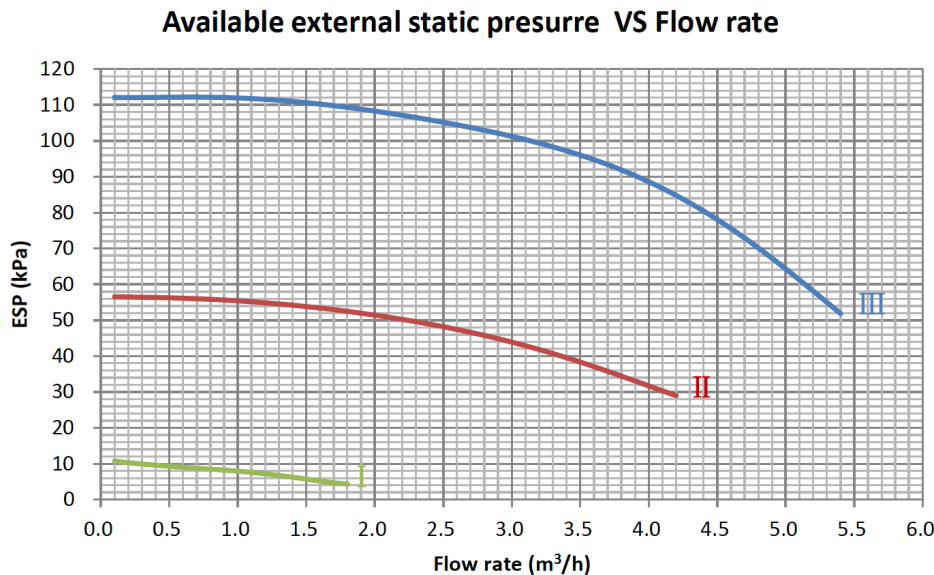
RECOMMENDED INSTALLATION



HYDRAULIC MODULE



WATER PUMP PERFORMANCE

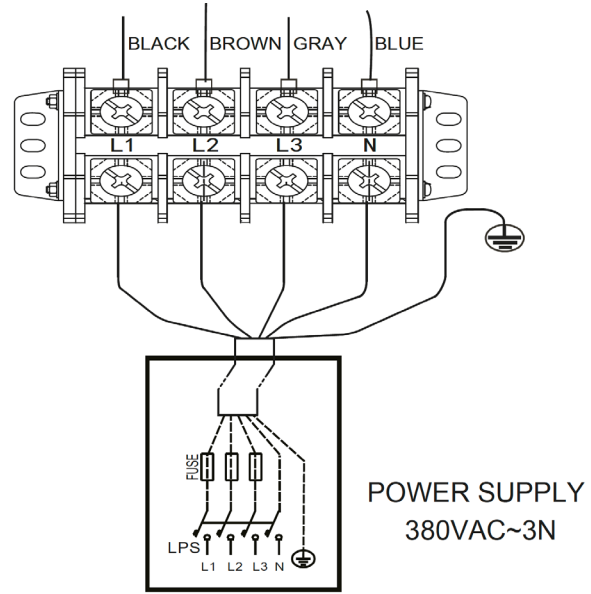


Abbreviations:
ESP: External static pressure

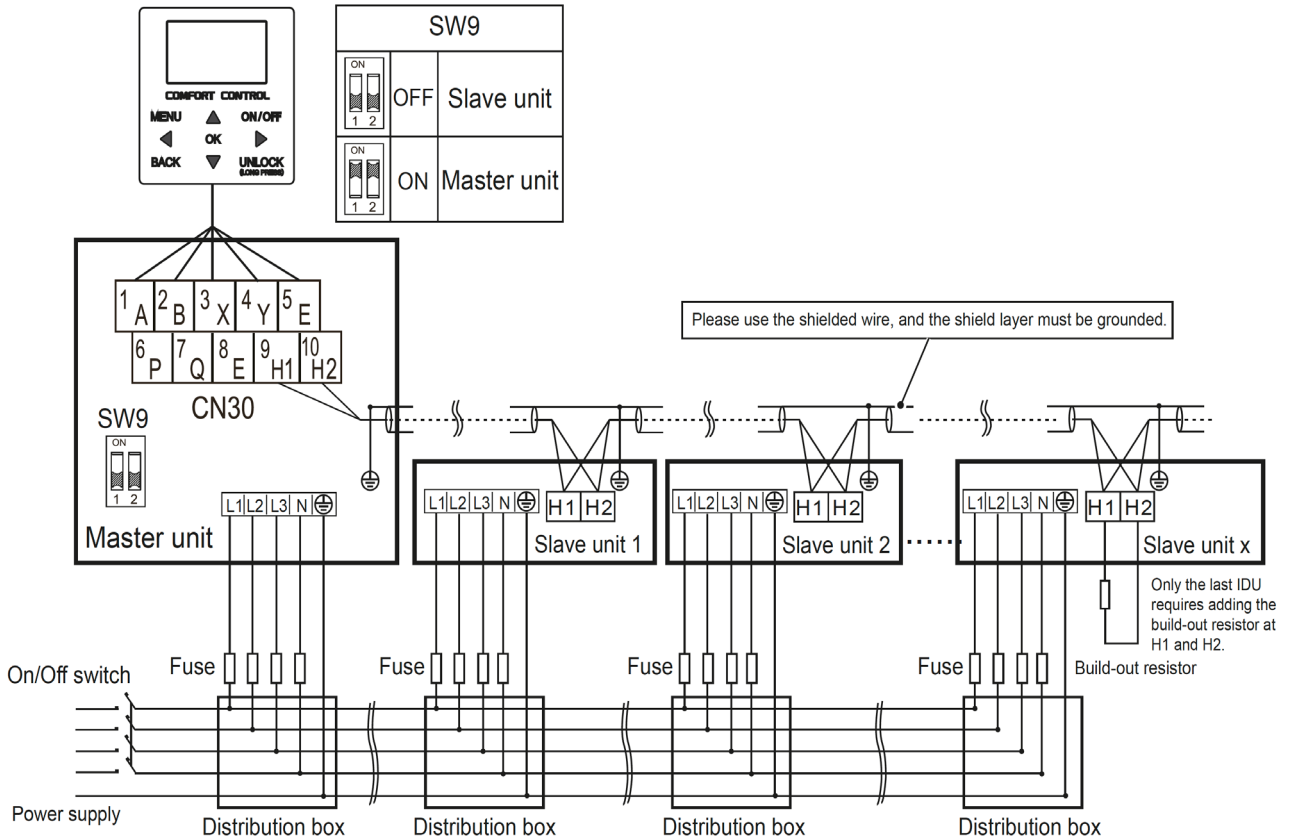
Notes:
1. I, II and III indicate water pump speed:
I: Low
II: Medium
III: High.

ELECTRIC CONNECTION

Maximum overcurrent protector (MOP)	21
Wiring size (mm ²)	6



CONTROL CONNECTION & MASTER OPTION

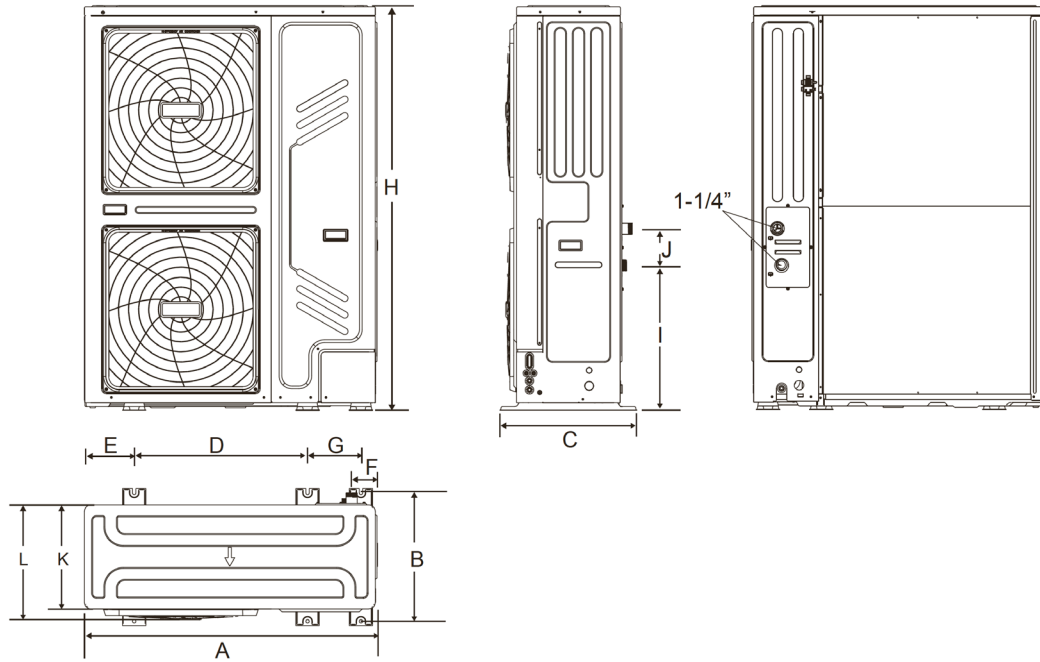


The parallel system electrical control system connection diagram(3N~)



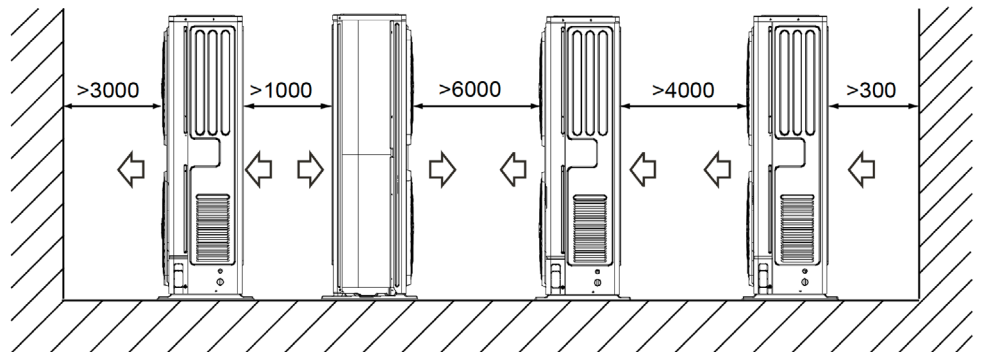
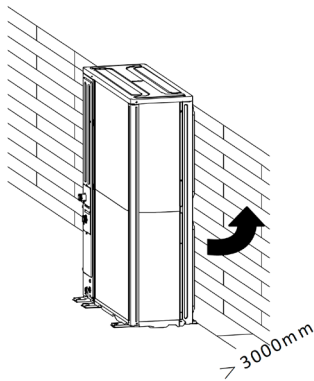
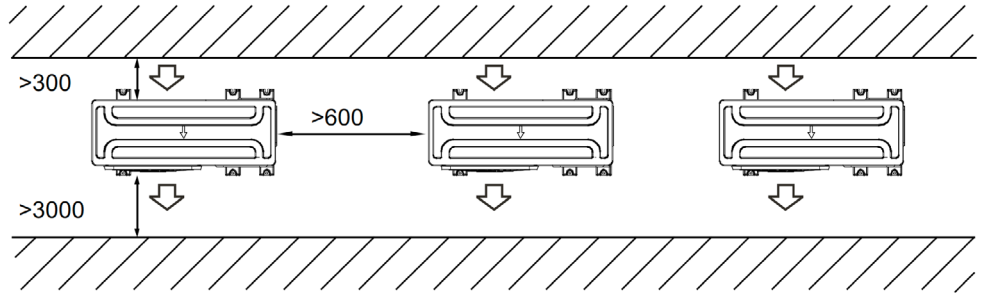
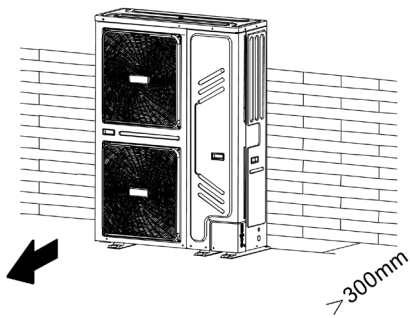
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DIMENSIONS OF UNIT



A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	J (mm)	K (mm)	L (mm)	Net weight (kg)
1.129	494	528	668	192	98	206	1.558	558	143	400	440	177

INSTALLATION



KHPS-MO PRO HP



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Standard controller

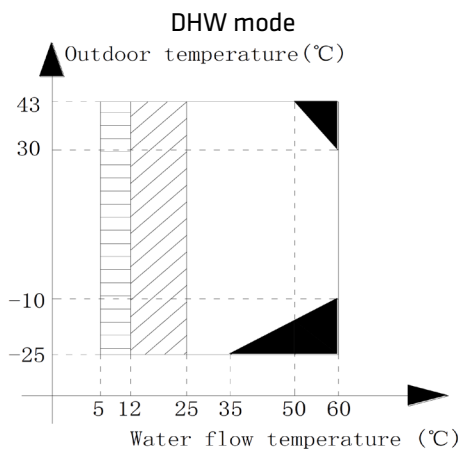
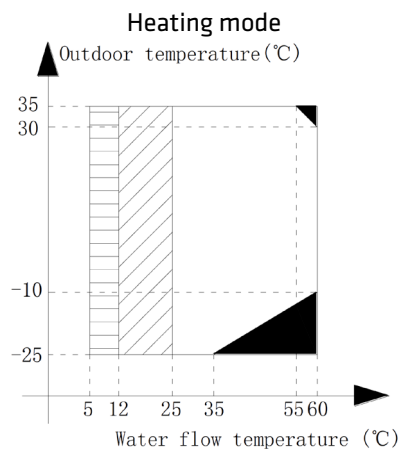
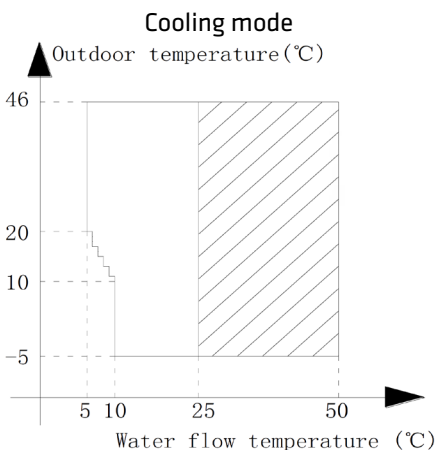
Product certified by:



FEATURES

Model	KHPS-MO 26 PRO HP
Cooling capacity	26 kW
Cooling power input	9.630 W
Heating capacity	26 kW
Heating power input	8.390 W
EER / COP	2,7 / 3,1
SEER	4,66
SCOP (average zone water 35 °C) - Energy class	4,5 - A+++
Compressor type / No. compressors	Inverter Rotary / 1
No. fans	2
Air flow	11.200 m ³ /h
Sound pressure	60 dB(A)
Refrigerant charge	5 kg
Water flow	3,8 m ³ /h
Volume of expansion tank	8 l
Available pressure pump	78,8 kPa
Hydraulic connections	1 1/4"
Power supply	380-415 V / 3 / 50

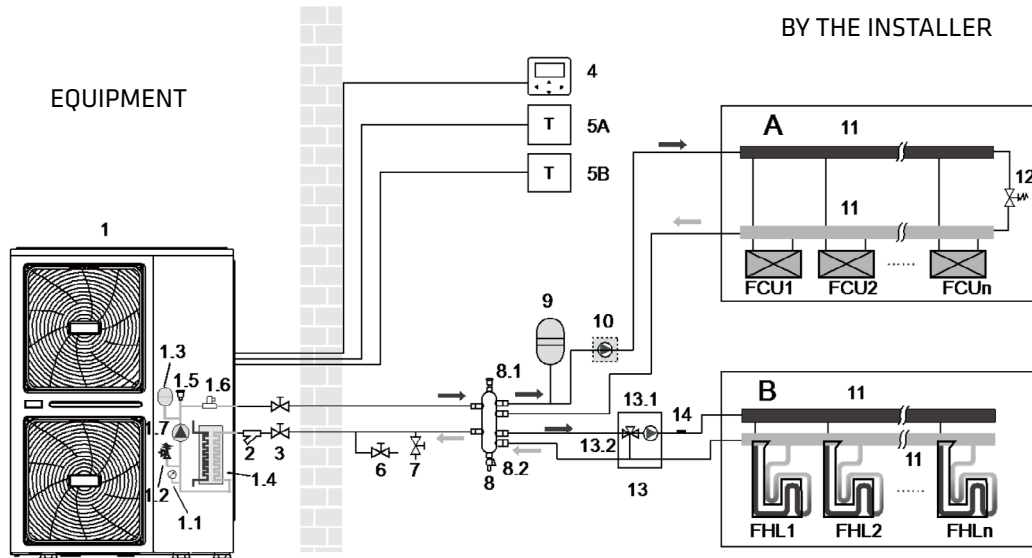
OPERATING LIMITS



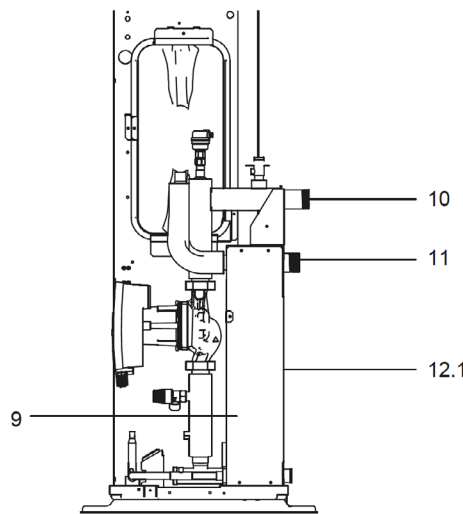
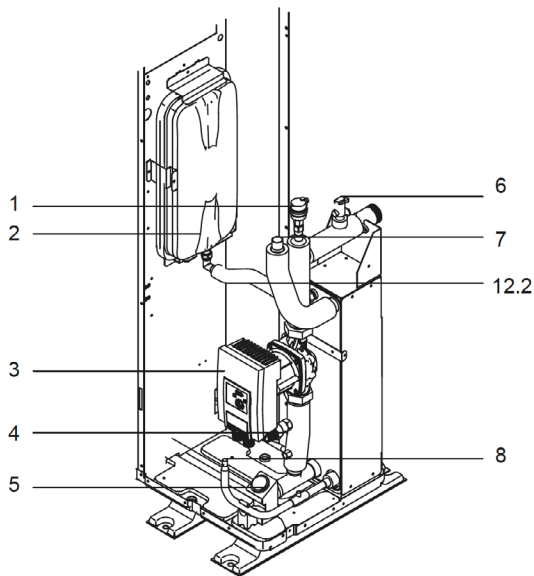
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RECOMMENDED INSTALLATION



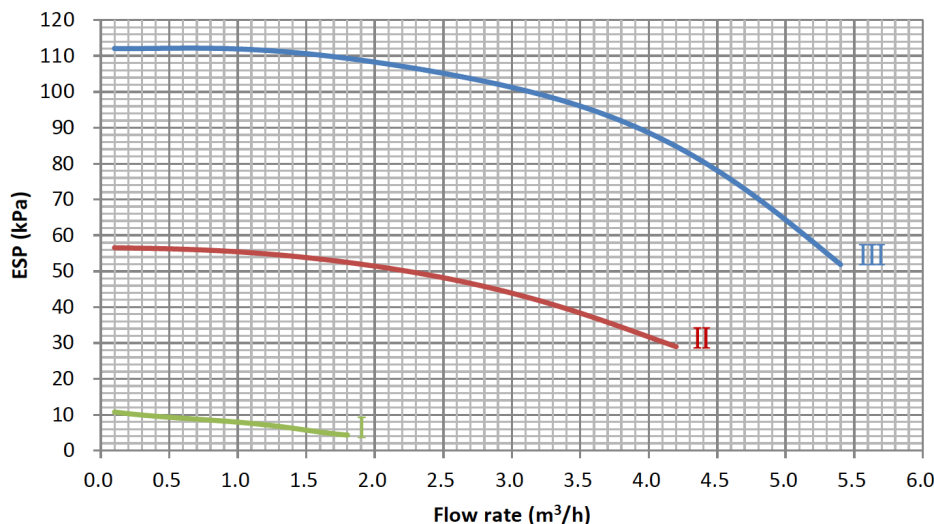
HYDRAULIC MODULE



1. Air purge valve
2. Expansion vessel
3. Circulation pump
4. Pressure relief valve
5. Manometer
6. Flow switch
7. Refrigerant gas connection
8. Refrigerant liquid connection
9. Plate heat exchanger
10. Water outlet connection
11. Water inlet connection
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WATER PUMP PERFORMANCE

Available external static pressure VS Flow rate



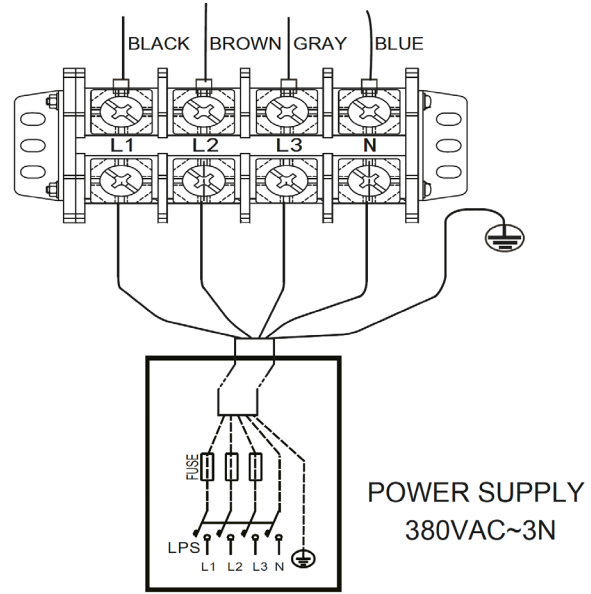
Abbreviations:
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- Notes:
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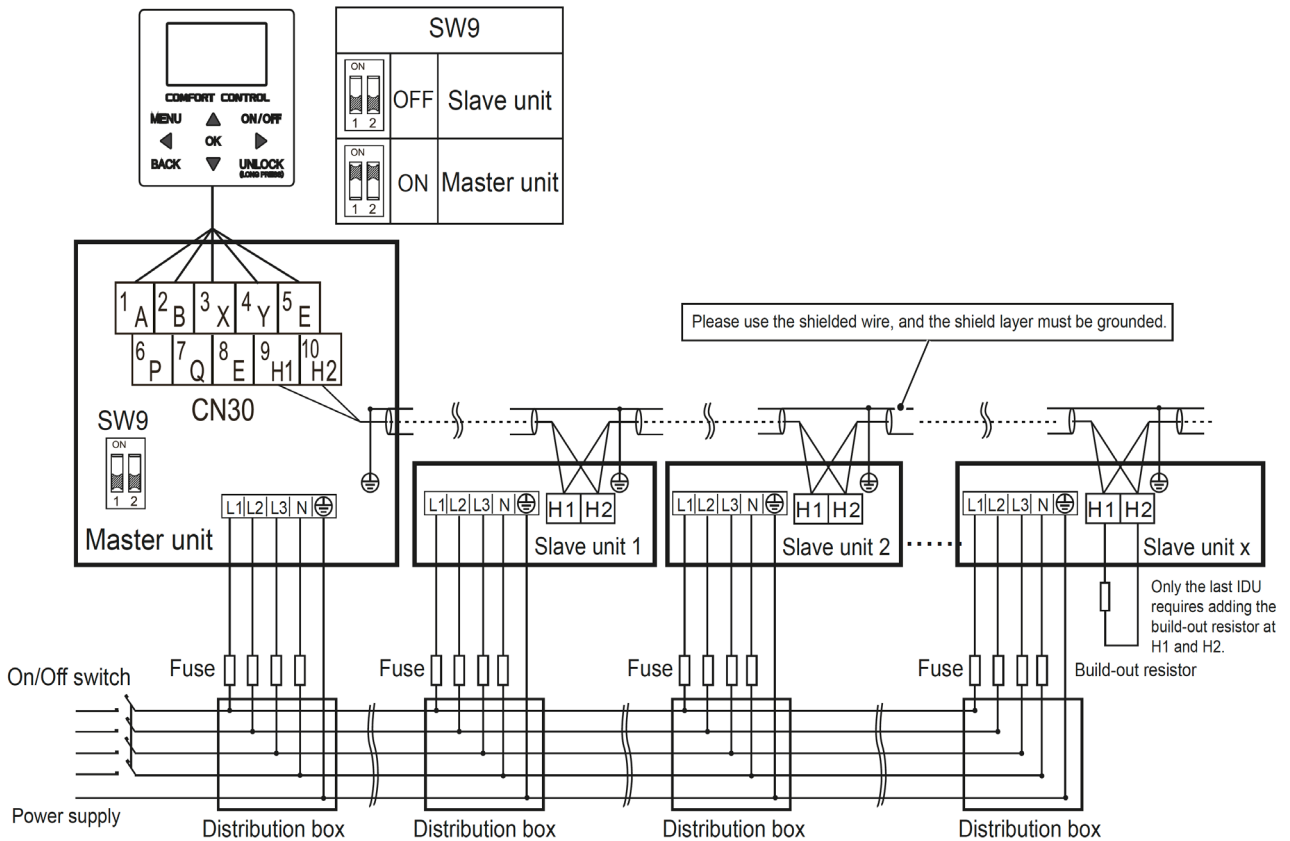


ELECTRIC CONNECTION

Maximum overcurrent protector (MOP)	24
Wiring size (mm ²)	6



CONTROL CONNECTION & MASTER OPTION

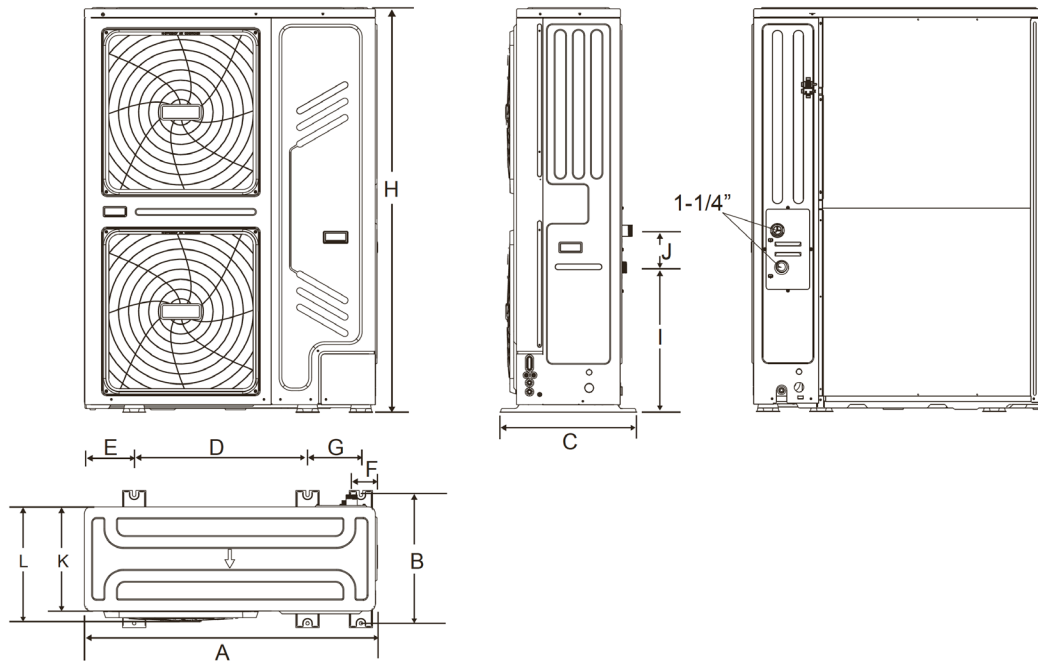


The parallel system electrical control system connection diagram(3N~)



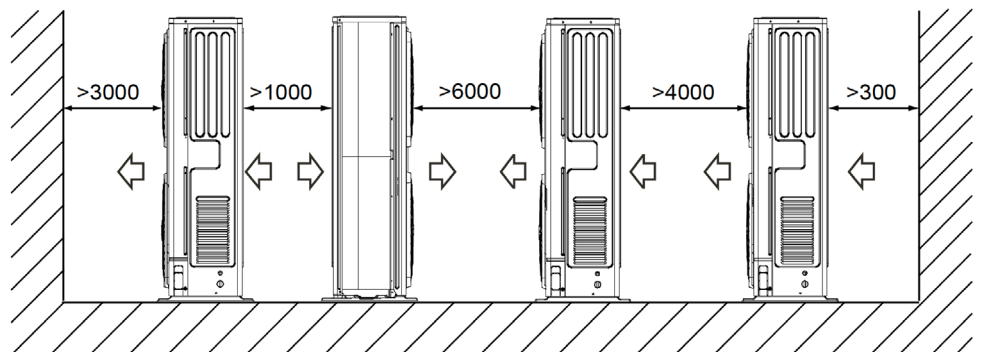
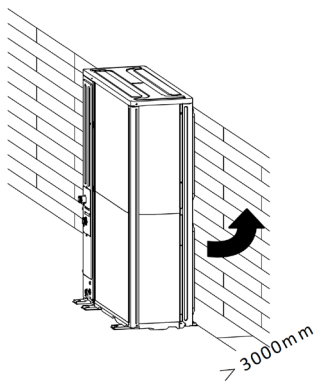
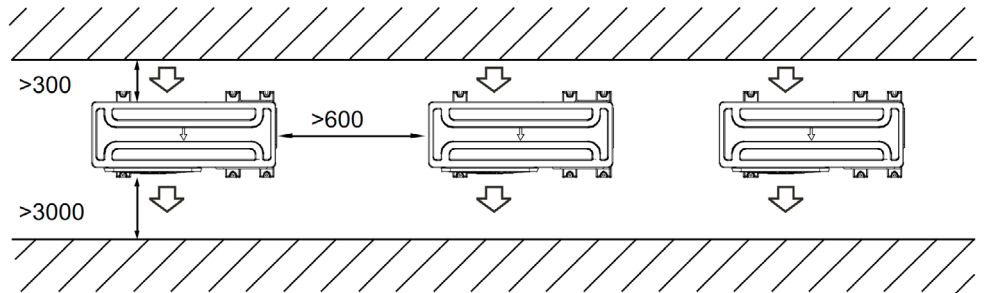
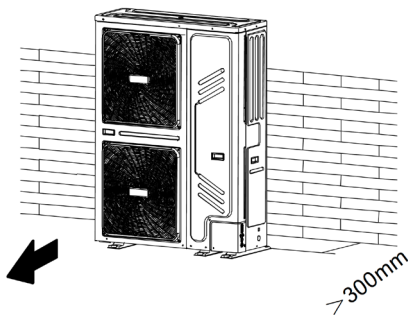
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DIMENSIONS OF UNIT



A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	J (mm)	K (mm)	L (mm)	Net weight (kg)
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INSTALLATION



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Standard controller

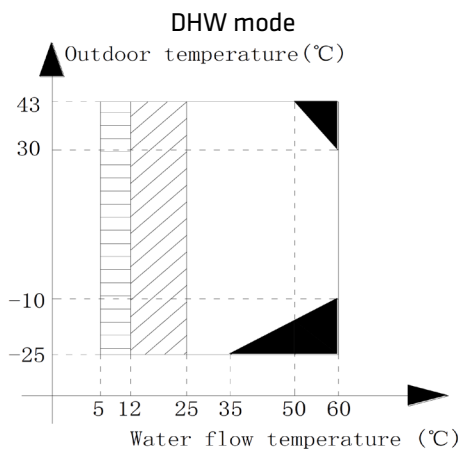
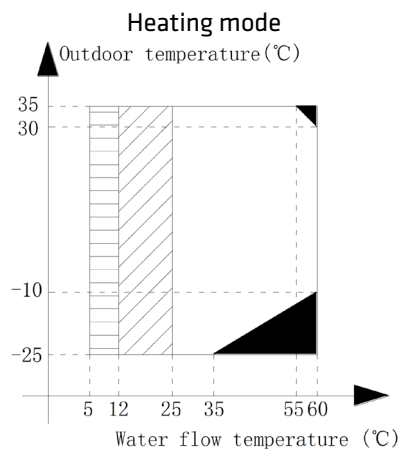
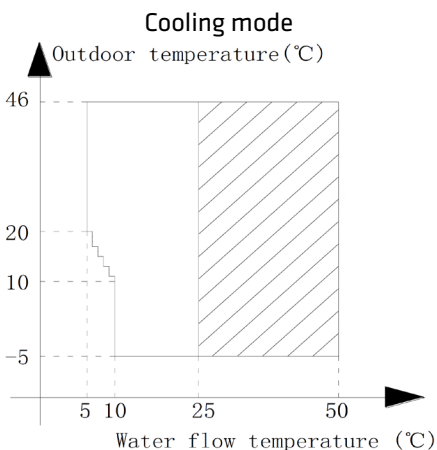
Product certified by:



FEATURES

Model	KHPS-MO 30 PRO HP
Cooling capacity	29,5 kW
Cooling power input	11.600 W
Heating capacity	30 kW
Heating power input	10.300 W
EER / COP	2,55 / 2,9
SEER	4,49
SCOP (average zone water 35 °C) - Energy class	4,19 - A++
Compressor type / No. compressors	Inverter Rotary / 1
No. fans	2
Air flow	11.200 m ³ /h
Sound pressure	62 dB(A)
Refrigerant charge	5 kg
Water flow	4 m ³ /h
Volume of expansion tank	8 l
Available pressure pump	59,4 kPa
Hydraulic connections	1 1/4"
Power supply	380-415 V / 3 / 50

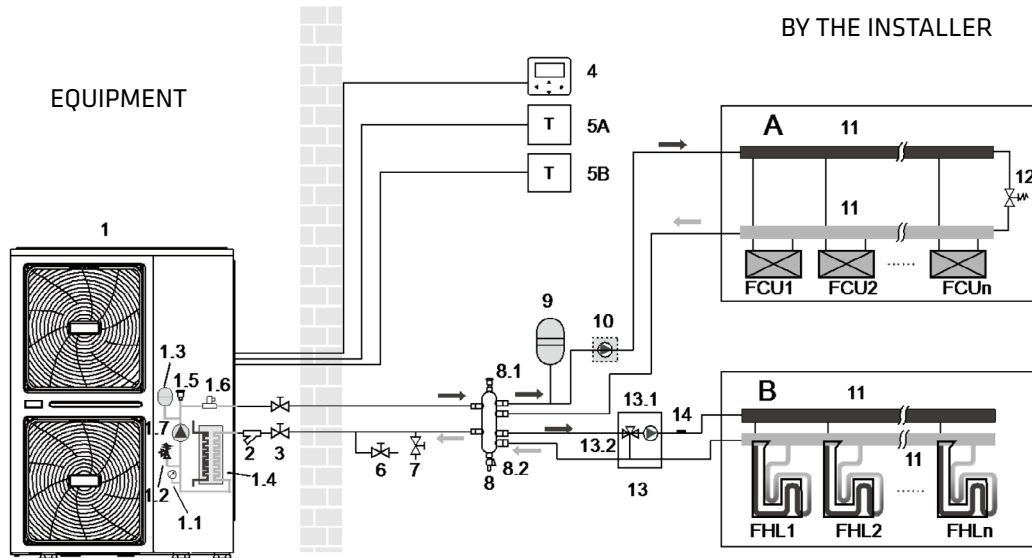
OPERATING LIMITS



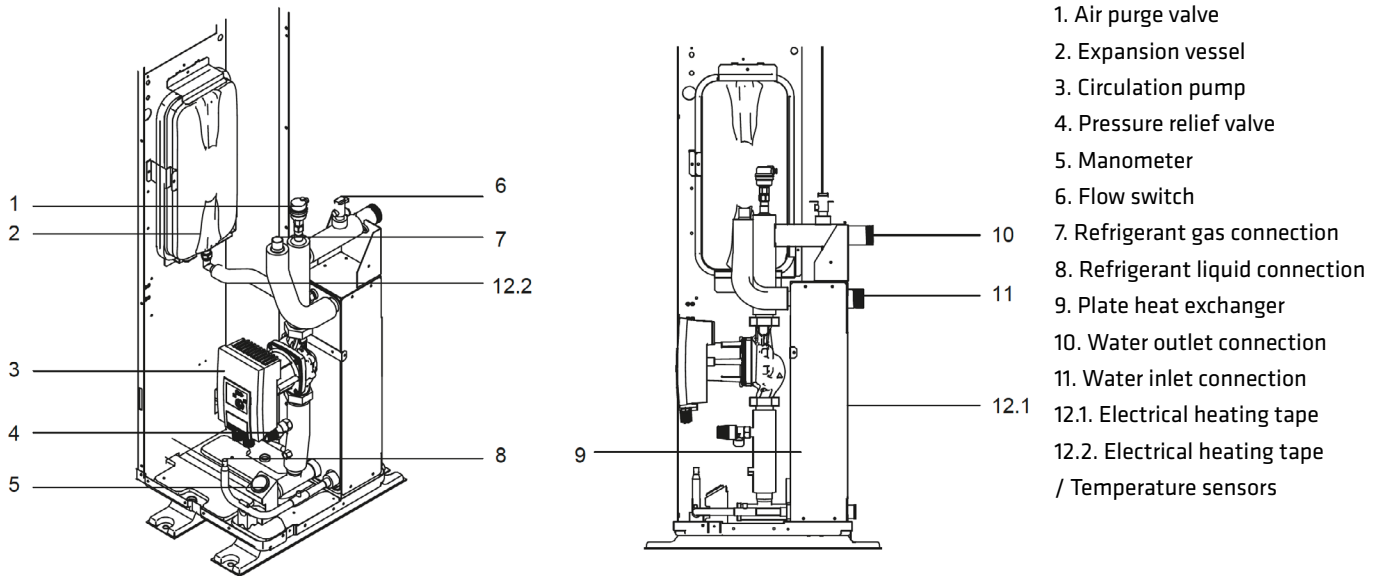
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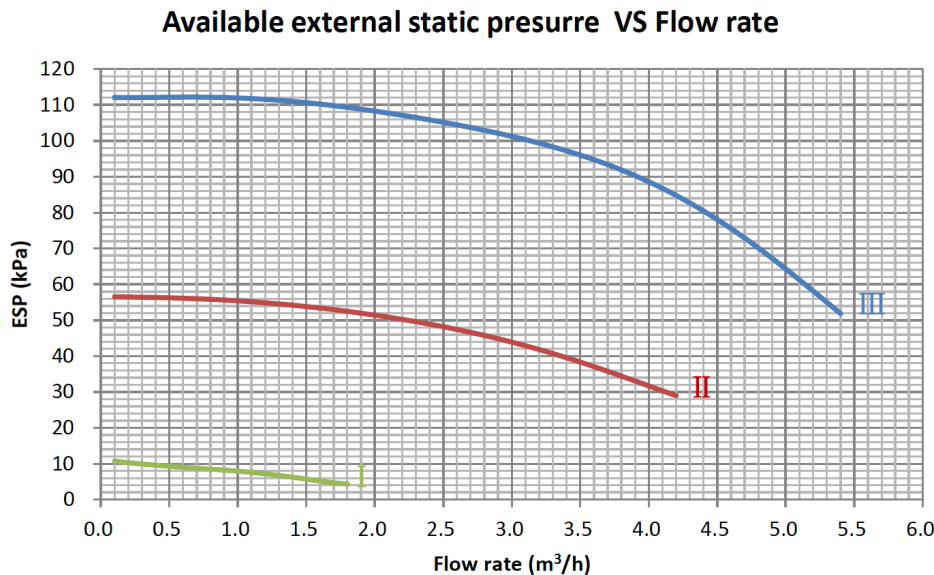
RECOMMENDED INSTALLATION



HYDRAULIC MODULE



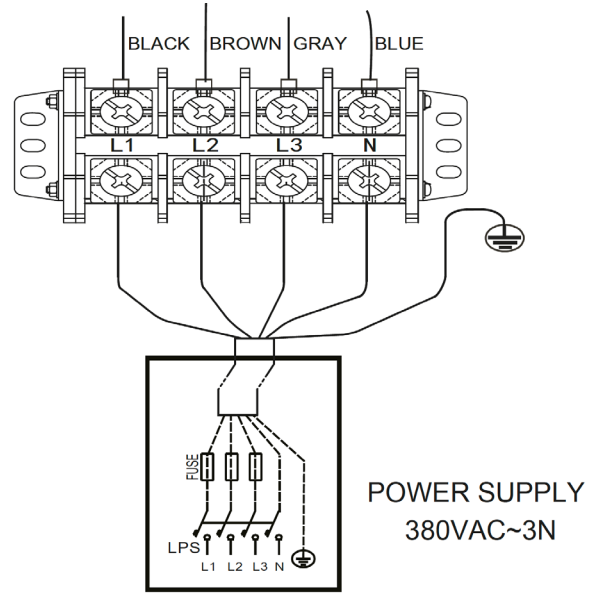
WATER PUMP PERFORMANCE



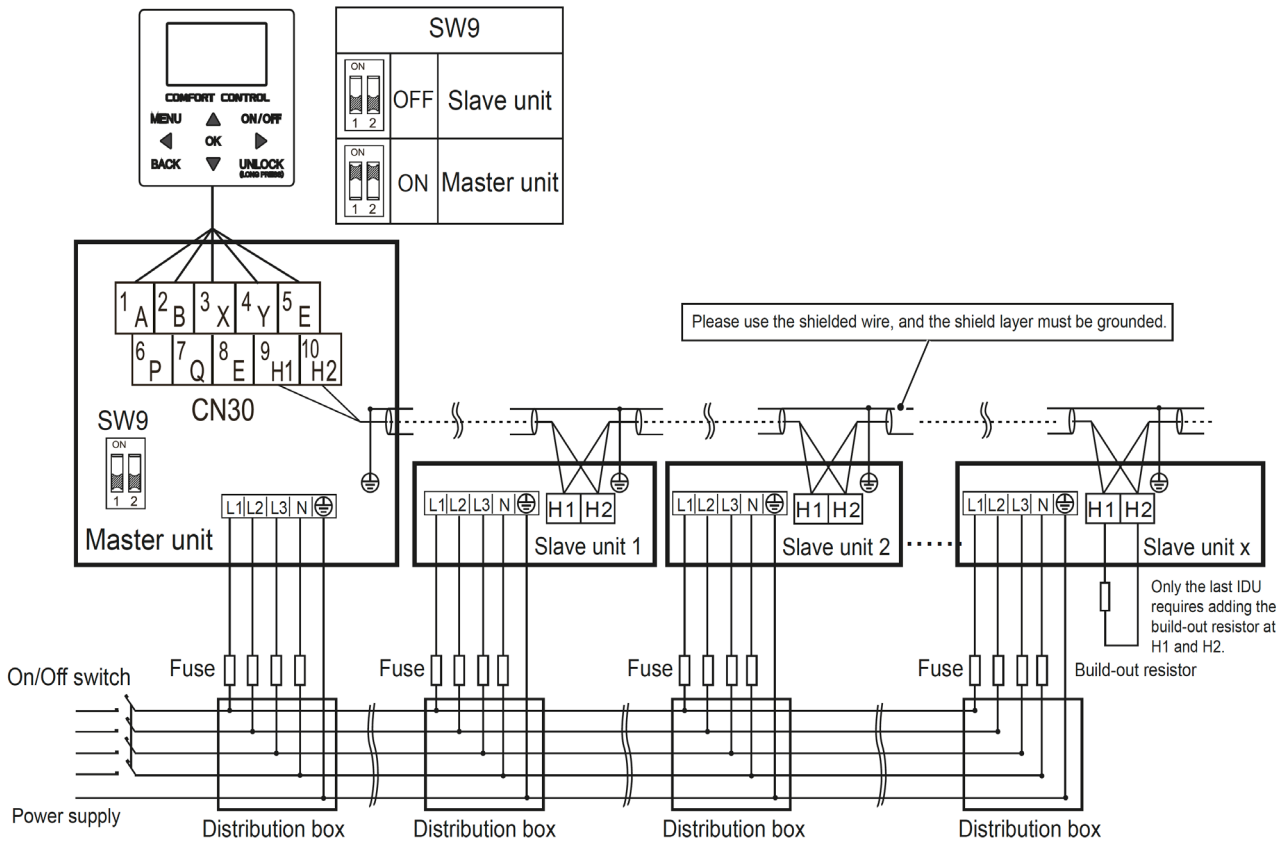


ELECTRIC CONNECTION

Maximum overcurrent protector (MOP)	28
Wiring size (mm ²)	6



CONTROL CONNECTION & MASTER OPTION

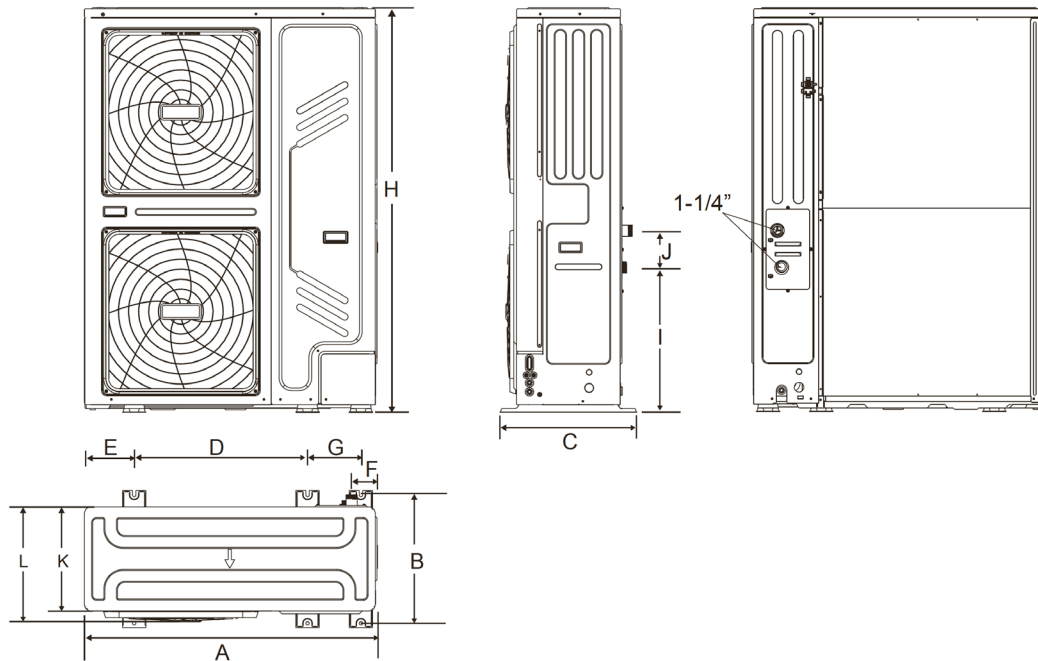


The parallel system electrical control system connection diagram(3N~)



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DIMENSIONS OF UNIT



A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	J (mm)	K (mm)	L (mm)	Net weight (kg)
1.129	494	528	668	192	98	206	1.558	558	143	400	440	177

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