

# Modular Full DC Inverter Chillers

## PRODUCT SHEET



KCCHT-05 MODBUS  
Standard controller

Product certified by:

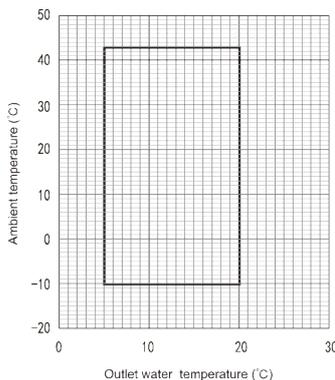


## FEATURES

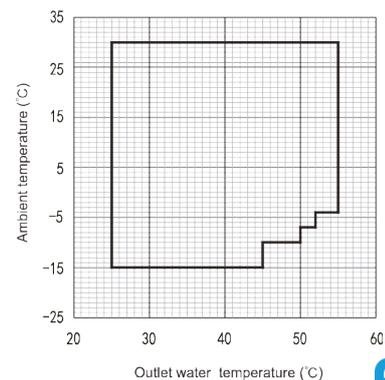
Model	KEM-30 DRS4
Cooling capacity	29 kW
Cooling power input	10,92 kW
Heating capacity	32 kW
Heating power input	10 kW
SEER	4,62
SCOP (average zone water 35°C) - Energy class	4,24 A++
Min. total capacity	10%
Sound pressure	64,80 dB(A)
Water flow	5 m <sup>3</sup> /h
Load loss evaporator	40 kPa
Max. water pressure	1 MPa
Hydraulic connections	Ø1 1/2"
Power supply	380-415 V / 3 / 50 Hz
Power wiring	10 mm <sup>2</sup> x5 (<20 m) 3 phases, neutral and ground

## OPERATING LIMITS

Cooling mode



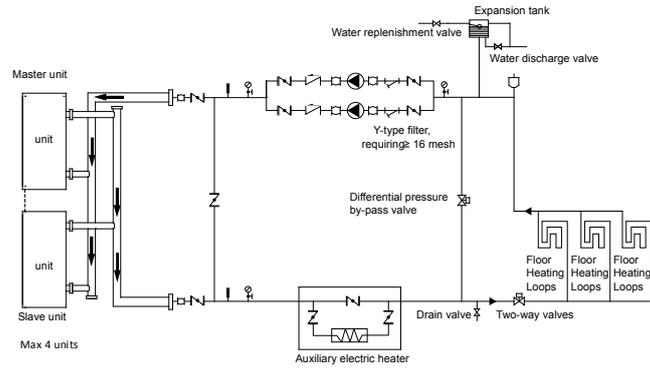
Heating mode



NOTES:

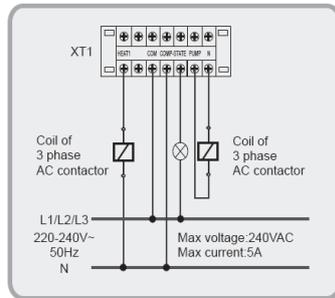
- (1) The data and specifications present in this sheet may vary without notice.  
 (2) The images on this sheet are indicative and may be different from the final machine.

# INSTALLATION COMPONENTS

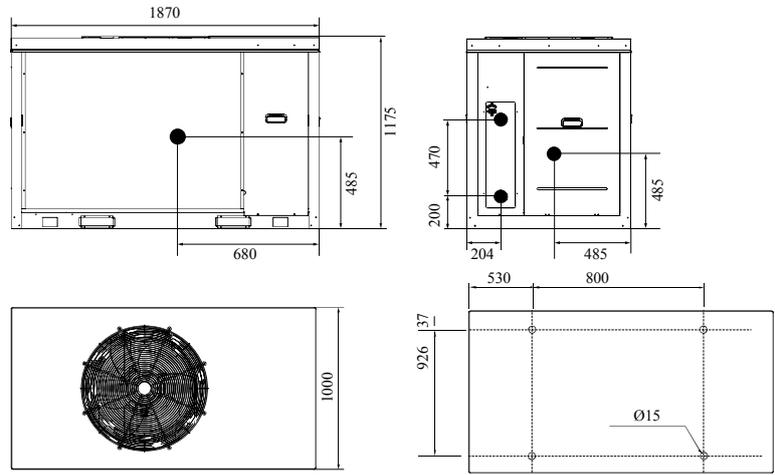


Legend				

# WIRING DIAGRAM

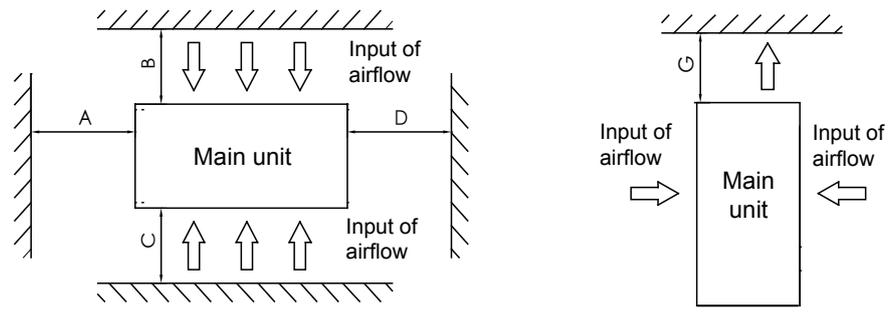


# DIMENSIONS OF UNIT



Net weight  
300 kg

# INSTALLATION



A	B	C	D	G
≥ 800 mm	≥ 2000 mm	≥ 2000 mm	≥ 800 mm	≥ 6000 mm

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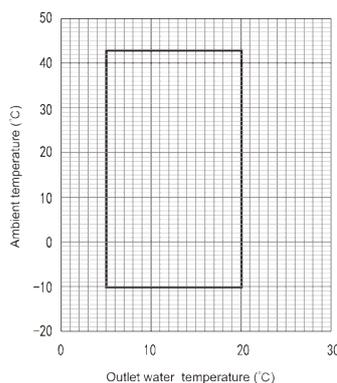


## FEATURES

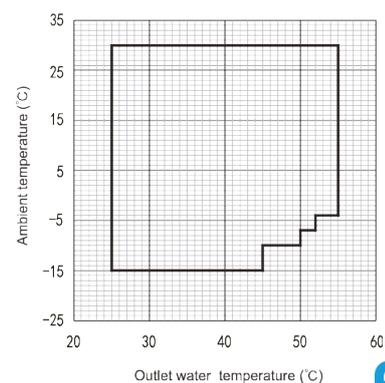
Model	KEM-60 DRS4
Cooling capacity	55 kW
Cooling power input	20,87 kW
Heating capacity	62 kW
Heating power input	20 kW
SEER	4
SCOP (average zone water 35°C) - Energy class	3,86 - A++
Min. total capacity	10%
Sound pressure	71 dB(A)
Water flow	9,80 m <sup>3</sup> /h
Load loss evaporator	52 kPa
Max. water pressure	1 MPa
Hydraulic connections	Ø2"
Power supply	380-415 V / 3 / 50 Hz
Power wiring	16 mm <sup>2</sup> x5 (<20 m) 3 phases, neutral and ground

## OPERATING LIMITS

Cooling mode



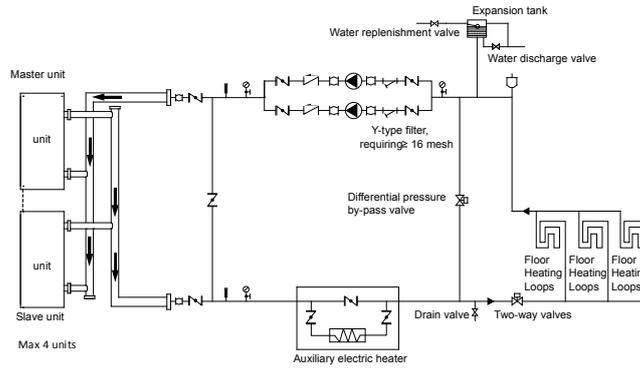
Heating mode



NOTES:

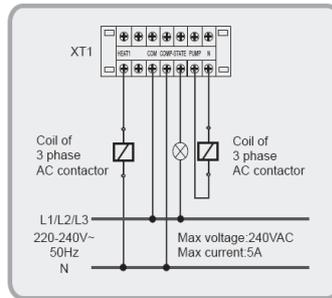
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# INSTALLATION COMPONENTS

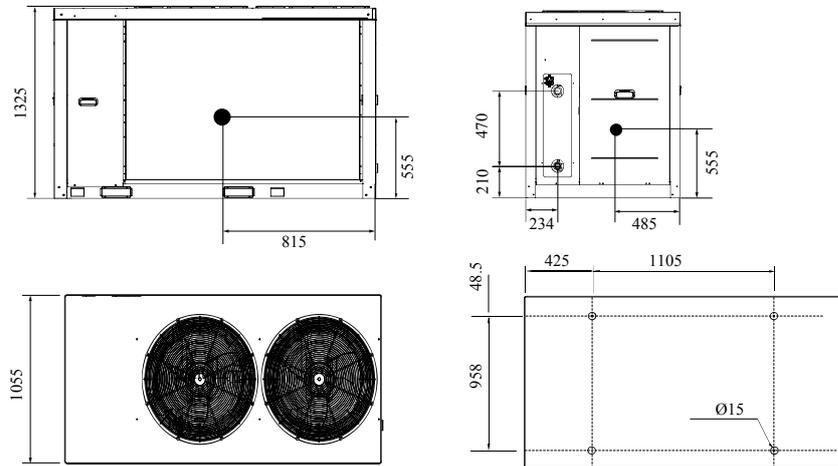


Legend				

## WIRING DIAGRAM



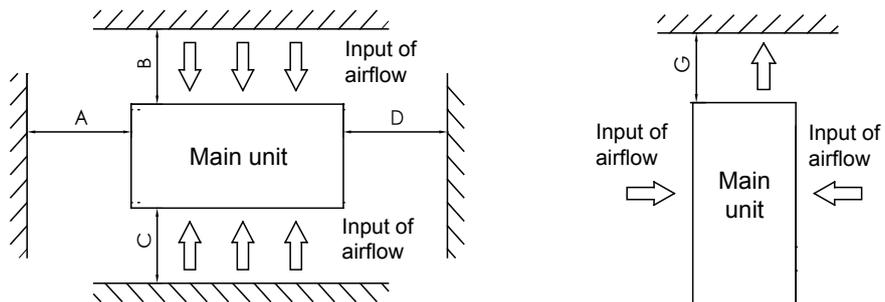
## DIMENSIONS OF UNIT



Net weight

480 kg

## INSTALLATION



A	B	C	D	G
≥ 800 mm	≥ 2000 mm	≥ 2000 mm	≥ 800 mm	≥ 6000 mm

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Product certified by:

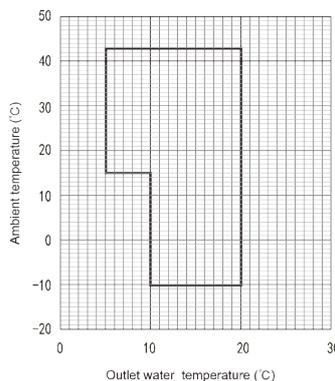


## FEATURES

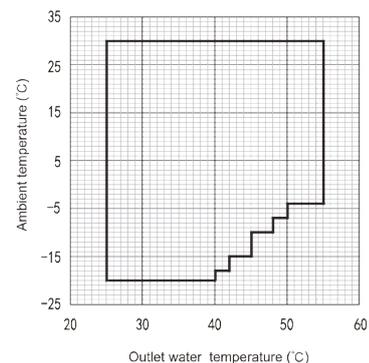
Model	KEM-90 DNS3
Cooling capacity	82 kW
Cooling power input	36,77 kW
Heating capacity	90 kW
Heating power input	32,85 kW
SEER	4,08
SCOP (average zone water 35°C) - Energy class	3,99 - A++
Min. total capacity	20%
Sound pressure	80 dB(A)
Water flow	15 m <sup>3</sup> /h
Load loss evaporator	75 kPa
Max. water pressure	1 MPa
Hydraulic connections	Ø2"
Power supply	380-415 V / 3 / 50 Hz
Power wiring	25 mm <sup>2</sup> x5 (<20 m) 3 phases, neutral and ground

## OPERATING LIMITS

Cooling mode



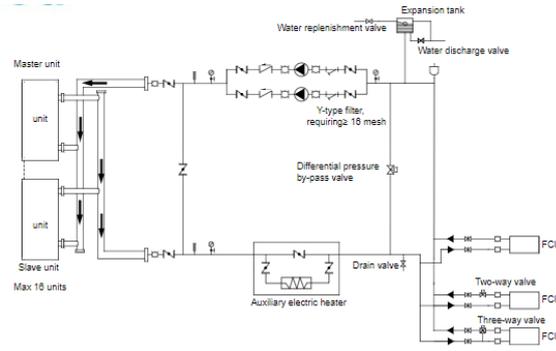
Heating mode



NOTES:

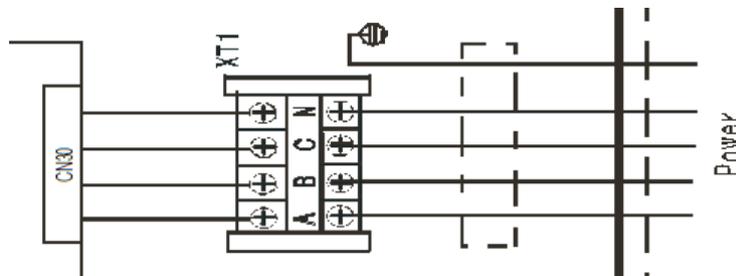
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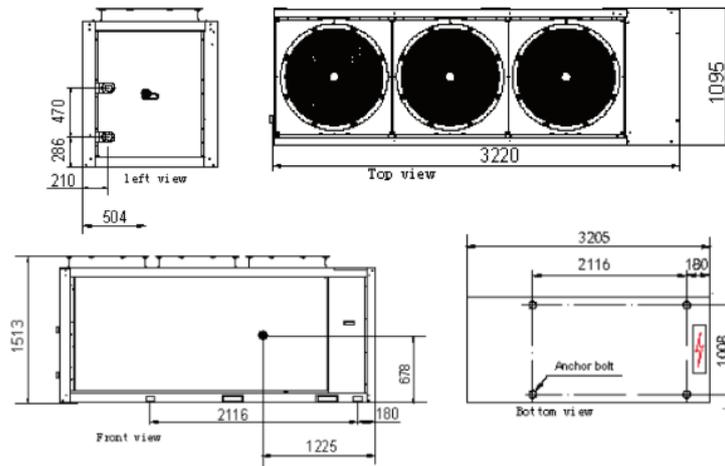


Legend				

## WIRING DIAGRAM



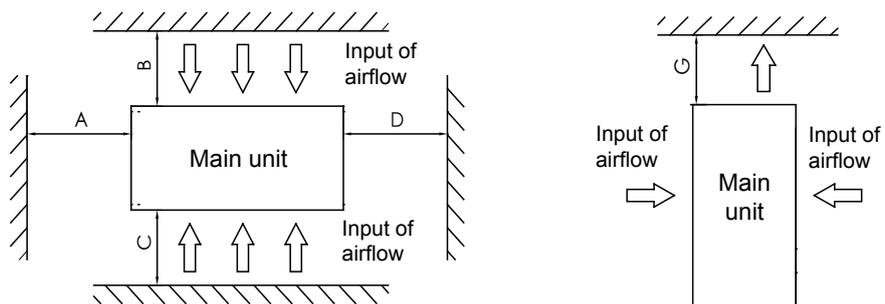
## DIMENSIONS OF UNIT



Net weight

710 kg

## INSTALLATION



A	B	C	D	G
≥ 800 mm	≥ 2000 mm	≥ 2000 mm	≥ 800 mm	≥ 6000 mm