



# Homies Series

## Domestic Air To Water Heat Pumps



Max. Outlet Water Temperature



High Energy Efficiency



Reduced Noise



Built-in Water Pump



Wilo Water Pump



### Multiple Protections

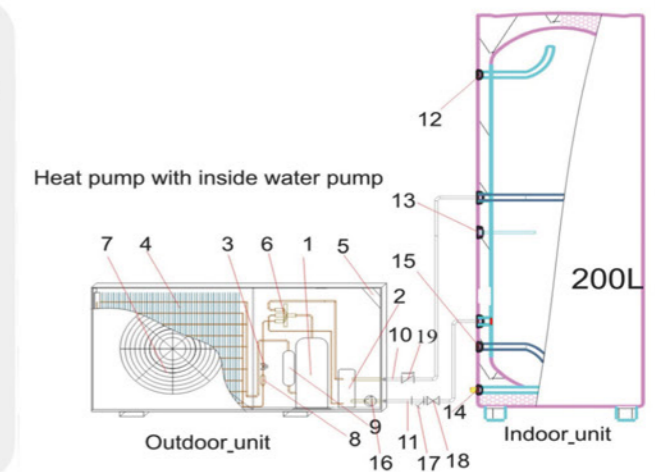
Adopting high-voltage, low-voltage, and overcurrent protection technologies, the reliability and safety are enhanced, ensuring safe usage.

### Built-in Water Pump

The heat pump has a built-in WILLO brand water pump, which is more convenient and convenient to install, reducing the cost of additional water pump purchase and installation difficulty.

## Installation Diagram

- 1.Compressor
- 2.Condenser
- 3.Electromic Expansion valve
- 4.Evaporator
- 5.Controlling system
- 6.4-way valve
- 7.Fan motor
- 8.Filter
- 9.Gas-liquid separator
- 10.Cycle water pipe(To tank)
11. Cycle water pipe(From tank)
- 12.Hot water outlet
- 13.Water tank temp sensor tube
- 14.Drain water pipe
- 15.Cool water inlet
- 16.Water pump(can inside or outside heat pump)
- 17.Water filter
- 18.Gate valve
- 19.non-return valve



## Specifications

Model		CGKS-3.5	CGKS-5.5	CGKS-7	CGKS-9
Power supply	V	220V ~ 240V/50Hz/1ph			
Refrigerant		R410A			
Rated working condition: dry-bulb temp: 20°C , wet-bulb temp: 15°C , cool water temp: 15°C , hot water temp:55 °C .MOQ is 5pieces.					
Heating capacity	KW	3.8	5.5	7.6	9
Input power	KW	0.92	1.33	1.84	2.23
COP		4.15	4.12	4.14	4.12
Rated current	A	4.6	6.7	9.3	11.3
Max current	A	6.2	9.1	12.5	15.2
Max input power	KW	1.3	1.9	2.6	3.1
Fan motor power	W	30	30	40	40
Fan motor quantity	Piece	1	1	1	1
Condenser		Tube in shell heat exchanger			
Water flow	L/h	726	1051	1452	1758
Water rate	L/h	82	118	163	193
Water pressure drop	Kpa	≤ 15	≤ 18	≤ 25	≤ 27
Net weight	kg	40	46	55	62
Gross weight	kg	45	52	57	65
Sound power Level	db	42	42	45	45
Classification of waterproof		IPX4			
Electric shock proof grade		I			
Pipe size (internal thread)	mm	DN20	DN20	DN20	DN20
Water pump	WILO	RS15-6	RS15-6	RS15-6	RS15-6
Dimension	mm	970*300*550	970*300*550	1006*350*618	1006*350*618
Packing dimension	mm	1040*330*580	1040*330*580	1070*380*650	1070*380*650
Compressor		MITSUBISHI			

The information in this document is just for reference. Since the continuous improvement and control in the production process, the information contained in this document may be subject to change. Please refer to the nameplate on the machine for model specifications.