

## Domestic All in One Hot Water Air Source Heat Pump

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Our domestic all in one hot water air source heat pump is one of the most economical systems to heat the water for family domestic use. Using free renewable energy from the air, the unit is highly efficient with low running costs. Its efficiency can be up to 3~4 times more than conventional gas boiler or electrical heater.

### Key Features

1. The domestic all in one hot water air source heat pump can be installed outside the kitchen, in the fireplace or the garage, which has a large number of waste heat so that the unit has higher energy even in very low outside temperature during winter.
2. Our heat pump can be placed in the laundry room or clothing room. In addition, when it produces hot water it lower temperature and dehumidify the room as well.
3. This air source heat pump can be considered as a multipurpose product since it can work with solar panel, external heat pump, boiler, solar collector or other different energy source easily.

### Technical Specification of Domestic All in One Hot Water Air Source Heat Pump (R410A)

Technical Data		NTDHW-28-1 50L	NTDHW-28-2 00L	NTDHW-28-2 50L	NTDHW-28-3 00L
Heating capacity	kW	2.8	2.8	2.8	2.8
Power input	W	700	700	700	700
COP	W/W	4	4	4	4
Power supply	V/Ph/ Hz	230/1/50			
Compressor		Rotary			
Refrigerant type		R410A			
Water tank Volume	L	150	200	250	300

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Net Dimensions	mm	Φ620x1120	Φ620x1370	Φ650x1810	Φ650x1960
Packing Dimensions	mm	760x730x1270	760x730x1520	680x650x2010	680x650x2160
Net Weight	Kg	75	87	102	110
Gross Weight	Kg	79	91	108	118
Noise level	dB(A)	48	48	48	48
Container loading	20' GP (units)	24	24	27	27
	40' GP (units)	48	48	54	54
	40' HQ (units)	96	48	54	54
Features included	Heating				
	1.5kw auxiliary electrical heater				
	Electronic expansion valve				
	One extra set of heat exchanger				
	Magnesium stick				
Relieve/safety valve					
Notes: Capacities and power inputs based on the following conditions: - Heating: Ambient temperature 20°C /12°C , Water temperature from 15°C to 55°C .					

Heat pump supply is a China manufacturer and supplier of domestic all in one hot water air source heat pump. We provide domestic heat pump water heater, solar water heater, household heat pump water heater, solar collector, and much more.

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