

# Air to Water Heat Pump DHW 35kW / 60C

This **AB35INV60-25** inverter 10~120rps MITSUBISHI Compressor and 60Hz~330Hz HITACHI inverter controller, 300~1000rpm BLDC motor heat pump water heater system auto defrost, can controller additional electric heater, in building high pressure & low-pressure digital sensor to sure cold ambient weather condition running well and strong produce hot water for home hot water requirement.

35kW monobloc inverter heat pump heater for produce 55°C (max 60°C) hot water 750L/h to sure 500~1500sq meter home DHW and heat needs.

The best heat pump water heater has the characteristics of high efficiency and energy saving, making the same hot water, which is 4-6 times of the general electric water heater. The average annual heat efficiency ratio is 4 times as high as the electric heating with the high energy efficiency.

## High precision of temperature control and great comfort

The inverter heat pump will not stop running like a fixed frequency heat pump at a set temperature - It can operate at a lower frequency to maintain the set temperature. Especially when providing heat for the object, it can control the heating by changing the compressor speed.



Power supply	V/Hz	380V/50Hz
Rated heating capacity	kW	35,00
Rated heating input power	kW	7,60
COP	w/w	4,60
Max input power	kW	12,20
Max input current	A	20,50
Rated hot water yeild	L/h	750,00
Refrigerant	Type	R410A
Hot water temp. rang	°C	30°C~55°C
Working ambient temp.	°C	-25°C~45°C
Compressor	Type	MITSUBISHI DC inverter
Controller system	Type	Hitachi DCBL controller
Throttle way	Type	Electronic expansion valve
Fan motor	Type	Brushless DC Motor
Noise	dB(A)	62,00



**Arctic Bird**  
Air to water and geothermal heatpump