Model		J12HW100-T	J12HW300-T
Power supply		220V-240V~50Hz	220V-240V~50Hz
"Max. power input (under boost mode)/（W）"		310	580
"Max. current input (under boost mode)/（A）"		1.35	2.50
A：7°C/6°C（DB/WB）	Rated heating capacity(W)	950	1500
	Coefficient of performance/COPDHW	3.8	4.0
	Heating up time（h）	5.82	9.77
	Energy efficiency class	A+	A+
	Rated power input（W）	210	410
	Rated current（A）	0.92	1.80
	Max. output water temp.（°C）	70	70
"Electric heating（Optional）"	Rated power input（W）	1500	1500
	Rated current（A）	6.52	6.52
Sound power level（dB(A)）		50	48
Anti-electric shock class		I	I

Model		J12HW200V2	J12HW300V2
Power supply		220V-240V~50Hz	220V-240V~50Hz
"Max. power input (under boost mode)（W）"		3580	3580
"Max. current input (under boost mode)（A）"		15.6	15.6
A：7°C/6°C（DB/WB）W：10°C-53°C"	Load profile	L	XL
	Rated heating capacity (W)	1500	1500
	Coefficient of performance/COPDHW	4.0	4.0
	Energy efficiency（ηwh）	≥115%	≥123%
	Heating up time/加热时间（h）	6.51	9.77
	Energy efficiency class	A+	A+
	Mixed water at 40°C/40°C（L）	240	360
	Rated power input（W）	410	410
	Rated current（A）	1.80	1.80
	Max. power input（W）	580	580
	Max. output water temp.（°C）	70	70
Electric Heating	Rated power input（W）	3000	3000
	Rated current（A）	13	13
Sound power level（dB(A)）		50	50
Water Tank		Duplex steel	Duplex steel
Insulation material		SS2101	SS2101

Duplex Steel
Water Tank

+

Removable
Water Circulation
Head

Most Water Tank Materials On The Market Use Duplex Steel, Stainless Steel And Enamel. Based On This Situation, We Made A Material Comparison Table.

Texture	Duplex Stainless Steel	Stainless Steel	Enamel/Porcelain
Material Strength	High Strength	Medium Intensity	The Surface Is Relatively Brittle
Corrosion Resistance	Extremely Strong	Good	The Glaze Layer Is Easily Corroded After Being Damaged
High Temperature Resistance	Good, Up To About 250°C	304 Can Reach 300°C	The Glaze Layer Is Resistant To High Temperatures, Up To 400°C
Compression/Mechanical Properties	Good Compression And Fatigue Resistance	Better, But Lower Than Duplex Steel	Poor, Easy To Break Under Impact
Service Life	Long	Medium	Medium
Cost	High	Medium	Lower

EASY TO CONNECT

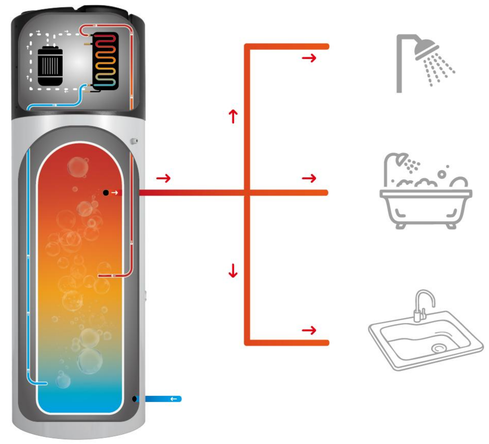
We will use a Tube in shell heat exchange to replace micro channel condenser,and the Tube in shell heat exchange will load on the top.So the manufacture of the water tank and assembly will be very easy.

CHOOSE THE LOCAL WATER TANK BASED ON YOUR OWN NEEDS

Because of different water quality in different area,top-kits will be a great choice for you to choose your water tanks of different sizes or different materials in your local area based on your own needs.

LOW NOISE OPERATION

These Heat Pump Top kits are designed to create as minimal noise as possible,to be installed in noise-sensitive locations.



VS

	WATER CYCLE	FLUORINE CYCL
Working Principle	Refrigerant → Water → End terminal	Refrigerant → End terminal
Energy Efficiency	Stablize	Stablize
Security	Safer (Not easy to leak)	Once leaked, the refrigerant will directly enter the room, posing a safety hazard.
Repair	Removable water circulation Top Kit for easy maintenance	High maintenance requirements
Temperature Control	Uniform water outlet temperature	Large outlet water temperature difference
System Scalability	One unit can be connected to multiple terminals via waterways	Installation end or expansion is more complicated
Environmental Protection	There is no direct refrigerant leakage pollution	There is direct refrigerant leakage pollution

Efficient Solutions for Domestic Hot Water