

# Air to Water EVI Heat Pump DHW 12kW or 18kW

This air source **AB12EVI55-20** and **AB18EVI55-20** heat pump is using Scroll EVI Copeland compressor, and EVI technology to make strong capacity to heating when cold ambient, a digital controller to feel and defrost. EVI air source heat pump 12kW and 19kW to pass EN14825 ERP energy level test and SCOP: A+ certification. We using monobloc design to easy install, and high-efficiency heat exchanger, inside directly building high pressure, low pressure sensor to easily read and balance inside safe pressure.

High Efficiency and Ultra Wide Range Operation: The unit can be used in the area where the ambient temperature is as low as -25°C to 45°C. Under the environment of -15°C, COP can reach 2.52 when the unit is used for radiant floor heating ( leaving water temperature is 45°C).

<b>55~60°C</b>	<b>Copeland</b>	<b>-25°C</b>	<b>ON/OFF</b>	<b>R407C</b>		
outlet	compressor	ambient	type	refrigerant	DHW	heating



Refrigerant charge volume	kg	3,50	4,50
Refrigerant	Type	R407C	
Heating hot water temp. rang	°C	30°C~55°C	
Working ambient temp.	°C	-25°C~45°C	
Compressor	Type	Copeland	
Fan motor	Type	AC motor , 3-speed fan	
Throttle way	Type	Electronic expansion valve	
Electronic Component	Type	Schneider AC contactor	
Pressure device	Type	Built-in high and low pressure sensor	
Water side heat exchanger	Type	High efficient heat exchanger	
Air side heat exchanger	Type	Hydrophilic aluminum fin heat exchanger	
Noise	dB(A)	53,0	55,0
N.W/ G.W	Kg	103/111	118/134
Connect pipe size	inch	Rc1" /DN25	
Unit Size (L*W*H)	mm	1040*420*865	1040*420*1380



## Arctic Bird

Air to water and geothermal heatpump