



► **Heat Pump EVI series**

Equipped with super EVI technology (Copeland scroll compressor), this type of pump is ideal for extremely low ambient temperatures (-25C) with the ability to deliver heat with a maximum temperature of 60C. The extended models range, from 10 KW to 72 KW, equipped with an IPX4 sealed control unit, made of high-quality galvanized steel, recommends it for extremely cold geographic areas including Antarctic areas.

Item	U	EVXH-EVI-10.4KW	EVXH-EVI-19.7KW	EVXH-EVI-38,5KW	EVXH-EVI-72KW	
Rated Heating Capacity (A20°/W45°)	KW	10.4	19.7	38.5	72	
Voltage (V)	V/Hz	220/50/1 400/50/3	400/50/3	400/50/3	400/50/3	
Power Consumption	KW	1 ~ 3.25KW	2 ~ 5.4KW	2.5 ~ 6.5KW	2.66 ~ 9.28KW	
Rated Current	A	11/3.7	8.4	16.8	33.1	
Rated output water temperature	°C	55°C, max 60°C				
Rated water flow	l/h	250	420	830	1504	
Refrigeration		R407C				
Control mode		Microcomputer central processor(LCD display)				
Compressor	Form	Scroll type				
	Quantity	1	1	1	1	
	Brand	Copeland				
Unit	Net size	mm	1105x452x904	1108x489x1257	1507x853x1350	2120x980*1920
	Weight	Kg	98	165	345	750
	Nosie level(2m)	dB(A)	less 50	less 55	less 64.5	less 70
Fan	Form	internal rotor motor, magnesium aluminium alloy leaves (low noise)				
	Fan Power	W	250	370	500x2	740x2
Ambient temperature	°C	(-25°-43°C)				
Inlet pipe diameter/Outlet pipe diameter		DN20	DN25	DN40	DN65	
Using area	mp	60-100	150-200	170-250	200-300	

► **Facility**

It works steady and below -25C with a high COP coefficient coming from the EVI super-technology;
 Fast and easy installation due to construction;
 High compact mono block unit;
 Thermostatic anti-frost heating element;
 Equipped with electric expansion valve;
 High efficiency compressor with R407C agent;
 Certifications: ISO9001, CE, erP Energy, ROHS, EMC



► **Application**

The pumps can be used to provide thermal comfort in: residences, corporate units (offices, workshops, ...), hostels, hotels, SPAs, hospitals, medical offices, wards, schools, ... having the following terminals: radiators, underfloor heating, FCU. It integrates perfectly into the global photovoltaic system **SUNre**.

E L E C T R O - V O X 1990 founded electronics-energy company, offer through "greenpower department" : PLC control production, EPC PV installations , LED innovative industrial and commercial lighting (under LedLine TM) . Certified products and services are highly tech and became from an extended knowledges and experience base acumulated. The company continually engages in refine and improve their own products and services for support saving energy and improve "green power"concept.



FX EVX HCP EVI102518

department