

## HR - EVI Heat Pumps

HR-12EVI and HR-22EVI



**Premium Heatrite EVI Technology Heat Pumps are the most efficient and eco friendly hydronic heat pumps with all the latest technologies including**

R32 Refrigerant gas making its energy rating performance (ERP A+++). R32 is Eco-friendly and less harmful to the environment when compared to common refrigerants such as R410A. R32 has a lower Global Warming Potential (GWP) which sits at a rate 70% lower than R410A. R32 heat pumps operate on a lower overall refrigerant charge making your running costs low consumptions. With the world wide quality brand Panasonic EVI DC inverter is made to stand against -28d outdoor temperatures. This also comes with the luxuries of WIFI control of the unit anywhere on your smartphone or tablet.



## USE TECH DATA

Power supply	V/Ph/Hz	220-2.COV.50Hz	380-4 15V,3N-,50Hz
Features	Heating/Cooling/Inverter		
Functions	WIFI Boost/Eco		
Refrigerant	R32		
Heating:	Capacity(kw)	12.00	22.00
(Air 7/6°C Inlet/Outlet	Power input(kw)	3.57	5.90
water 55/60 C)	COP (W/W)	3.36	3.73
Heating :	Capacity(kw)	8.00	15.48
(Air -12°C Inlet/Outlet	Power input(kw)	3.29	5.61
water 45/55 C)	COP (W/W)	2.43	2.76
Cooling:	Capacity(kw)	8.20	16.76
(Air 35/24°C Inlet/Outlet	Power input(kw)	2.69	5.02
water 12/7°C)	EER (W/W)	3.05	3.34
Auxiliary electric heater	kw	3	
Max input power(heat pump)	kw	4.41	6.25
Max current	A	19.2	29
Refrigerant charge volume	Kg	1.6	2.5
CO2 equivalent	TON	1.08	1.69
Operating ambient temp.	°C	-28 -43	
Compressor type	Panasonic	EVI Twin-rotary DC inverter	
Fan type		DC motor fan-Horizontal	
Sound pressure	dB(A)	< 57	< 60 < 61
Water pump	25-12-130PWM1	Included	
	Type	Plate heat exchanger	
Heat exchanger	Water pressure drop(kPa)	15	20
	Connection size (Inch)	G1	
Advised water flow	m³/h	≥1.35	≥2.6
Unit dimension s(W*D*H)	mm	1002*405*545	1043*405*1266
Net weight	Kg	80	119

