AIR TO WATER HEAT PUMP

ESP CLASSIC II

Our Classic higher output capacity units are specifically designed to optimise low/high temperature ambient operating conditions, efficiency and effectiveness. These units use ESP's multiple compressor technology to allow for single phase operating and effective start up power management. The multiple compressors start up sequentially and never together. All units in the ESP Classic range are MCS Accredited.

Features:

- ESP Classic range of units are available in a powder coat paint or stainless steel finish.

- The design is compact and robust.

- ESP's high efficiency compressors are used with R410a refrigerant.

- Galvanomagnetic reverse valve is installed as standard.

- Micro-processor used to maintain optimum operating duty (remote control available as option).

- The heat exchanger is a high efficiency tube in shell design.

- The evaporator is hydrophically coated to prevent debris sticking to it.

- Automatic defrost function with trace heating support.

- Thermostatic or electric expansion valve is used.

- Every unit is tested before it leaves our factory.

- System water flow protection included.

- Soft starts are installed to ensure that power draw is managed to the optimum at atart up.

APPROVED PRODUCT

MCS   nqa.

Specification						
MODEL		ESP (A) 040	050B	060B	060SB	070B
Heating Capacity	kW	13.5	15.0	17		25
	BTU/h	46,089	51,210	58,038		85,350
COP	W/W	4.20	4.15	4.15		4.15
Cooling Capacity	kW	10.0	11.5	13.5		19.5
	BTU/h	34,140	39,261	46,089		66,573
ERR	W/W	2.85	2.8	2.86		2.8
Noise (≈)	dB	53	53	53		56
Power Supply	V/Ph/Hz	230/1/50	230/1/50	230/1/50		230/1/50
Compressor	-	Rotary x 2	Rotary x 2	Rotary x 2		Rotary x 3
Fan Quantity	-	2	2	2		2
Net Dimensions (L/W/H)	mm	1100/440/1350	1100/440/1350	1100/440/1350		1350/515/1450
Shipping Dimensions (L/W/H)	mm	1180/510/1480	1180/510/1480	1180/510/1480		1430/580/1580

Heating: Ambient temp.(DB/WB): 7℃/6℃, Water temp.(In/Out): 30℃/35℃;
Cooling: Ambient temp.(DB/WB): 35℃/24℃, Water temp.(In/Out): 12℃/7℃.
The above data is for reference only; specific data is subject to the product nameplate.