

Cool Energy's Home and Property - Air to Water Heat Pump Water Heaters

Application	Home and Commercial Property Heating							Swimming Pool / Pond & Hot Tub					
Model	CE-H4	CE-H6	CE-H8	CE-H12	CE-H17	CE-H17-3P	CE-iH6-18*	Model	CE-PH7	CE-PH14	CE-PH23		
ERP Energy Rating:	A++	A++	A++	A++	A++	A++	A++	ERP Energy Rating:	A++	A++	A++		
Rated Capacity 35°C Water 20°C Ambient	Heat Capacity	5.15kW	6.2kW	8.41kW	11.6kW	16.9kW	16.9kW	18.7kW	Rated Capacity 28°C Water 20°C Ambient	Heat Capacity	6.77kW	11.02kW	23.49kW
	Power Input	1.25kW	1.33kW	1.9kW	2.52kW	3.6kW	1.2kW	3.7kW		Power Input	1.25kW	2.514	3.6kW
	Cop	4.26 Cop	4.66 Cop	4.39 Cop	4.57 Cop	4.69 Cop	4.69 Cop	5.05 Cop		Cop	4.2Cop	5.6 Cop	4.79Cop
Rated Capacity 35°C Water 7°C Ambient	Heat Capacity	4.16kW	6kW	8.16kW	10.98kW	16.5kW	16.5kW	17.5kW	Rated Capacity 28°C Water 7°C Ambient	Heat Capacity	4.55kW	9.01kW	16.1kW
	Power Input	1.2kW	1.41kW	2.1kW	2.6kW	4.19kW	1.39kW	4.3kW		Power Input	1.2kW	2.6kW	4.19kW
	Cop	3.44Cop	4.26 Cop	3.88 Cop	4.2KW	3.95 Cop	3.95 Cop	4.01 Cop		Cop	3.55Cop	3.55 Cop	4.2Cop
Rated Capacity 45°C Water 20°C Ambient	Heat Capacity	4.3kW	5.65kW	7.59kW	10.6kW	15.5kW	15.5kW	16.5kW	Rated Capacity 40°C Water 20°C Ambient	Heat Capacity	5.85kW	8.8kW	21.3kW
	Power Input	1.41kW	1.43kW	2.1kW	2.68kW	3.8kW	1.26kW	3.7kW		Power Input	1.41kW	2.68kW	3.8kW
	Cop	3.6 Cop	3.94Cop	4.05 Cop	4 Cop	4.06 Cop	4.06 Cop	4.46 Cop		Cop	4.68Cop	4.18Cop	4.32Cop
Rated Capacity 45°C Water 7°C Ambient	Heat Capacity	4.0kW	5.2kW	7.14kW	10.16kW	14.8kW	14.8kW	14.6kW	Rated Capacity 40°C Water 7°C Ambient	Heat Capacity	4.09kW	6.8kW	14.49kW
	Power Input	1.21kW	1.53kW	2.15kW	2.68kW	4.2kW	1.4kW	3.9kW		Power Input	1,21kW	2.68kW	4.2kW
	Cop	3.3 Cop	3.41 Cop	3.32 Cop	3.49 Cop	3.48 Cop	3.48 Cop	3.69 Cop		Cop	3.72Cop	2.99Cop	3.8Cop
Noise:	≤52dB(A)	≤52dB(A)	≤52dB(A)	≤52dB(A)	≤60dB(A)	≤60dB(A)	≤60dB(A)	Noise:	≤52dB(A)	≤52dB(A)	≤60dB(A)		
Rated Power Input:	1.34kW/5.9A	1.24kW/6.3A	2kW/9.09A	2.5kW/11.4A	3.9kW/17.8A	1.3kW/5.96A	3.9kW/17.85A	Rated Power Input:	1.2kW/5.5A	2.4kW/10.8A	4.62kW/21A		
Max Power Input:	1.45kW/6.3A	1.6kW/8.4A	2.2kW/10A	2.9kW/13.1A	4.6kW/20.9A	1.53kW/6.96A	4.6kW/20.9A	Max Power Input:	1.79kW/8.1A	3.6kW/15.1A	5.09kW/23.1A		
Compressor Make/Model:	Mitsubishi RN145VHEMC	Mitsubishi RN221VHFMC	Mitsubishi RN222VHFMC	Mitsubishi LN28VBRMC	Copeland ZW 54KWP-PFS52E	Copeland ZW 56KWP-PFS-52E	Copeland ZW 54KWP-PFS-52E	Compressor Make/Model:	Mitsubishi RN145VHEMC	Mitsubishi LN28VBRMC	Copeland ZW 54KWP-PFS52E		
Power supply:	220-240V AC – 50Hz						415V 50HZ	220-240V 50Hz	Power supply:	220-240V AC – 50Hz			
Outlet Water Temperature:	35°C-60°C							Outlet Water Temperature:	3°C-40°C				
Protection Class:	IPX4							Protection Class:	IPX4				
Anti-electric shock class:	Class I							Anti-electric shock class:	Class I				
Refrigerant/Charge:	R410A-800g	R410A-1000g	R410A-2000g	R410A-2300g	R410A-3000g	R410A-3000g	R410A-4100g	Refrigerant/Charge:	R410A-800g	R410A-1300g	R410A-3000g		
Min Water Flow Required:	2m3/H	2m3/H	2.5m3/H	2m3/H	3m3/H	3m3/H	3m3/H	Min Water Flow Required:	4m3/H	6m3/H	7.5m3/H		
Water Pump Model:	Wilo 15/6	Wilo 15/6	Wilo 25/8	Wilo 25/8	Wilo PUN-200EH			Water Pump Model:	N/A	N/A	N/A		
Water Connections:	1” Male	1” Male	1” Male	1” Male	1” Male			Water Connections:	1.5” PVC	1.5” PVC	1.5” PVC		
Climate Type:	-15~43°C							Climate Type:	-15~43°C				
Dimension: L x W x H: mm	670/365/990	670/365/990	680/305/1100	680/305/1100	768/732/955	768/732/955	768/732/955	Dimension: L x W x H: mm	768/732/955	768/732/955	768/732/955		
Net weight:	63kg	64Kg	68Kg	72Kg	132Kg	132Kg	118Kg	Net weight:	59Kg	76Kg	115Kg		

Note * inverter Heat Pump for Manufacturing Date & Serial Number See Bar Code

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