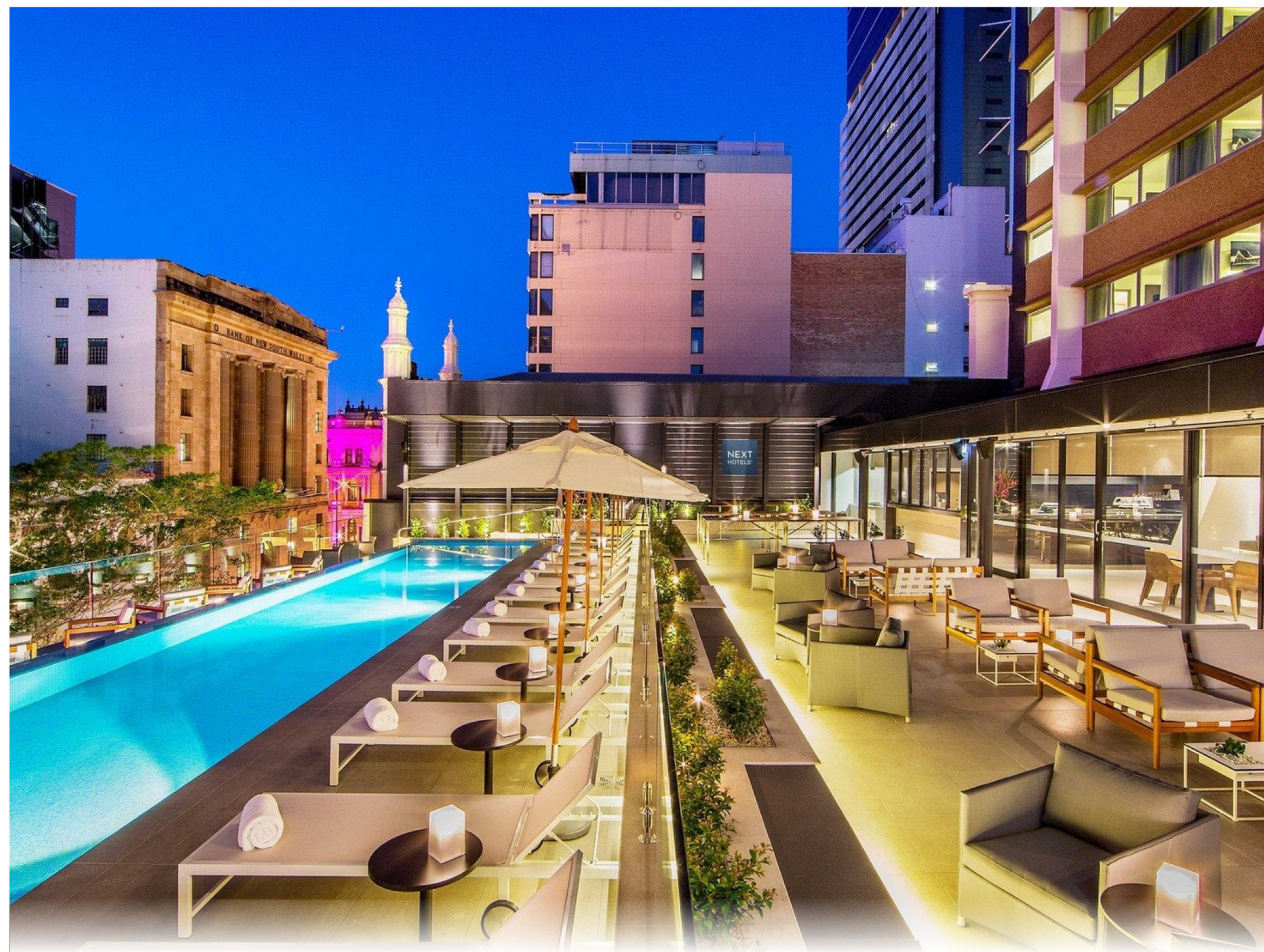


# COMMERCIAL HEAT PUMP



- ✓ European standards (CE)
- ✓ Produce and manage according to ISO 14100:2015
- ✓ Absolute safe operation
- ✓ Easy installation and use
- ✓ Hot water is available 24/7
- ✓ Smart control panel
- ✓ Powder coated/stainless steel



Warranty for compressor in 5 years



European standards

MODEL		HE-75	HE-100	HE-120	HE-150	HE-200
Heat capacity	kW	75	100	120	150	200
Rated heated water output	L/h	1620	2050	2460	3075	4100
Rated outlet water temp	°C	55				
Max outlet water temp	°C	60				
Power	/	400V/3P/50Hz				
Rated input power	kW	17.8	24	28.9	36.0	47.6
Rated input current	A	34.5	45.5	54.8	68.3	90.5
COP	/	4.2	4.16	4.15	4.17	4.2
Compressor type	/	Scroll*2	Scroll*2	Scroll*2	Scroll*2	Scroll*2
Compressor brand	/	Copeland USA				
Throttle type	/	Electronic expansion valve (EEV)				
Fan type	/	Low noise high efficiency axial type				
Fan direction	/	Vertical				
Environmental heat exchanger	/	Hydrophilie Aluminium - Pure Copper (Option Electrophoretic Resin Coating)				
Heat exchanger type	/	High performance electrolytically coated pure copper tube /Tube heat exchanger				
Controller type	/	Intelligent LCD				
Ambient temperature	°C	-10°C ~ 45°C				
Refrigerant type	/	R417A/R410A/R134A/R407C				
Low pressure protection	/	Yes				
High pressure protection	/	Yes				
Automatic defrosting system	/	Yes				
Overload protection	/	Yes				
Noise in 1 meter	dB(A)	68	70	75	76	78
Water pipe size	mm	DN50	DN50	DN65	DN80	DN80
Water flow	M3/h	15.5	19.5	20.0	26.0	33.0
Cabinet	/	Powder coated steel/SS304/SS316 - Option				
Unit size	mm(H)	2000	2010	1850	2100	2400
	mm(W)	1010	1170	900	1100	1300
	mm(D)	1900	2050	2100	2200	2300
N.W	kg	650	750	850	1150	1300

**TESTING CONDITION:** Ambient temp (DB/WB): 20°C/15°C, water temp (input/output): 15°C/55°C.