

Declaration of Performances according to EN 14511

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TONGYI declares that the air-water electric heat pumps in Table 2 comply with the minimum performance requirements for renewable energy heating and cooling systems in Legislative Decree.199/2021 published in the Italian *Official Gazette*, see Table 1 for details.

For inverter heat pump, the requirements of performance are reduced by 5% as indicated in the Legislative Decree.199/2021, Annex IV, paragraph 2, letter e.

Table 1- Minimum Performance Requirements of Electric Heat Pump

Type	COP	EER	COP (reduce 5%)	EER (reduce 5%)
Air/water heat pump power \leq 35 kW	4.1	3.8	3.9	3.61

Table 2

Type	Model	Heating Capacity/KW	Cooling Capacity/KW	Inverter	COP (A7/W35)	EER (A35/W18)
R32 (Mono bloc)	BR32P1V5SC	5.03	4.47	YES	5.29	3.89
	BR32P1V7SC	7.16	5.92	YES	4.71	3.90
	BR32P1V9SC	9.59	7.64	YES	5.00	3.92
	BR32P3V9SC	9.59	7.64	YES	5.00	3.92
	BR32P1V12SC	12.40	10.17	YES	4.75	3.90
	BR32P3V12SC	12.39	10.17	YES	4.75	3.90
	BR32P3V16SC	16.32	13.58	YES	4.69	3.88
	BR32P3V18SC	17.94	15.32	YES	4.71	3.86
	BR32P3V22SC	22.49	15.32	YES	4.60	3.86
R290 (Mono bloc)	BR290P1V7SC	7.02	4.51	YES	4.65	3.92
	BR290P1V10SC	10.04	7.35	YES	4.40	3.92
	BR290P3V12SC	11.95	8.52	YES	4.35	3.90
	BR290P3V20SC	19.56	12.55	YES	4.38	3.90

*The above values are tested according to UNI EN 14511 standard.

*The above values include water pump power.

*The above values are for reference only. Specific values will be based on actual test results of the equipment. Please refer to the data sheet for updated information.

Guangzhou, February 26, 2024

Tang Xuchu

General Manager