

MONOBLOCK HEAT PUMP

ZHHS-01-10K-R290-V5-M

Performance data – heating (EN 14511)

①	A7/W35	Power range (min-max) ¹	kW	3,38 ÷ 9,86
		Partial load ¹	kW	6,60
		Power consumption ¹	kW	1,45
		COP ¹		4,56
②	A7/W45	Power range (min-max) ²	kW	3,00 ÷ 8,89
		Partial load ²	kW	5,29
		Power consumption ²	kW	1,44
		COP ²		3,67
③	A7/W55	Power range (min-max) ³	kW	2,88 ÷ 8,51
		Partial load ³	kW	5,50
		Power consumption ³	kW	2,00
		COP ³		2,75
④	A2/W35	Power range (min-max) ⁴	kW	3,00 ÷ 9,01
		Partial load ⁴	kW	3,00
		Power consumption ⁴	kW	0,67
		COP ⁴		4,48
⑤	A-7/W35	Maximum power ⁵	kW	6,80
		Power consumption ⁵	kW	2,47
		COP ⁵		2,75

Product data

Pump type		air / water
Refrigerant type		R290
Refrigerant amount	kg	0,55
Maximum working pressure	bar	26
Compressor type		inverter scroll
Adjustment type		electronic

Heating

Minimum working pressure	bar	1,0
Maximum working pressure	bar	3,0
Rated flow	m ³ /h	1,17
External operating temperature range	°C	from -20 to +35
Feed water temperature	°C	from +20 to +65

Physical dimensions

Depth x width x height	mm	505 x 1155 x 935
Weight	kg	132
Water connections		G 5/4 "
Sound power level	dB	50
Air flow	m ³ /h	3500

Electrical data

Electrical connection	V/Ph/Hz	400 / 3~ / 50
Protection rating		IP24
Electric heater power (option with hydrobox / hydrotower)	kW	3 / 6 / 9
Maximum starting current	A	10
Fan power consumption	W	50
Number of fans		1

SCOP

W35 5,04 / W55 3,92

Energy efficiency class

Device with a regulator – feed temperature 35°C / 55°C



Heating temperature: water I/O temperature:	① 30°C / 35°C	② 40°C / 45°C	③ 50°C / 55°C	④ 30°C / 35°C	⑤ 30°C / 35°C
Ambient temperature:		DB 7°C / WB 6°C		DB 2°C / WB 1°C	DB -7°C / WB -8°C