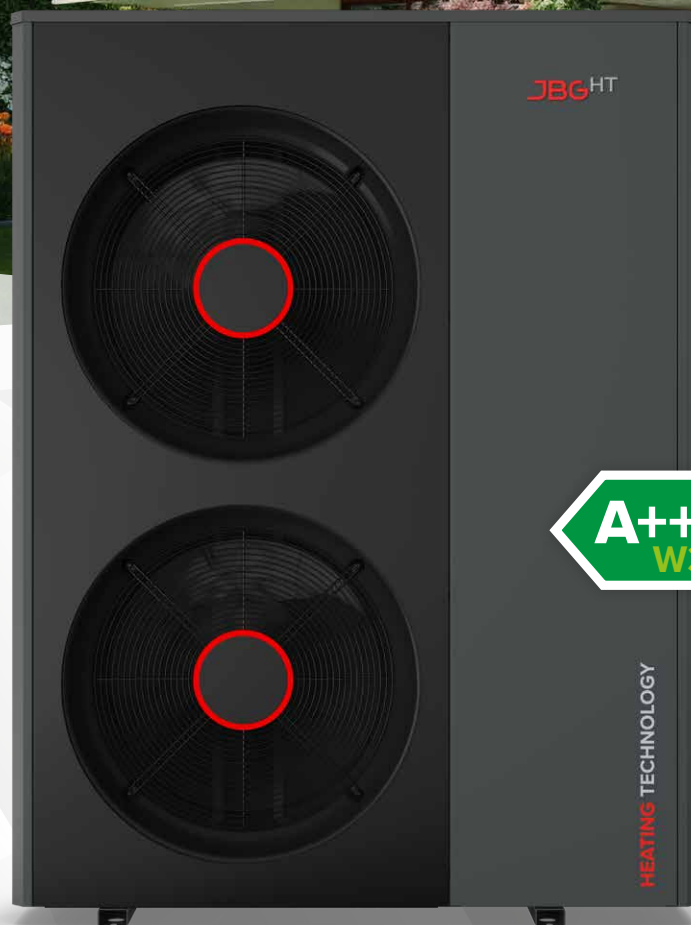


# JBG<sup>HT</sup>



Natural economical refrigerant R290 (propane)



Reduced thawing time and condensate tray heating system



Very low noise level



High heating output at low ambient air temperature



Wireless, service device control



Low energy consumption due to the inverter compressor

## Heat pump 15K

ZHHH-01-15K-R290-R5-M

[jbght.com](http://jbght.com)



# MONOBLOCK HEAT PUMP

## ZHHH-01-15K-R290-R5-M

Performance data – heating (EN 14511)

			ZHHH-01-15K-R290-R5-M
① A7/M35	Power range (min-max) <sup>1</sup>	kW	5,43 - 15,87
	Partial load <sup>1</sup>	kW	9,8
	Power consumption <sup>1</sup>	kW	2,1
	COP <sup>1</sup>		4,76
② A7/M55	Maximum power <sup>2</sup>	kW	14,68
	Partial load <sup>2</sup>	kW	13,9
	Power consumption <sup>2</sup>	kW	5,2
	COP <sup>2</sup>		2,7
③ A2/M35	Maximum power <sup>3</sup>	kW	13,77
	Partial load <sup>3</sup>	kW	4,84
	Power consumption <sup>3</sup>	kW	1,16
	COP <sup>3</sup>		4,16
④ A-7/M35	Maximum power <sup>4</sup>	kW	12,58
	Partial load <sup>4</sup>	kW	10,69
	Power consumption <sup>4</sup>	kW	3,66
	COP <sup>4</sup>		2,92

### Product data

Pump type		air / water
Refrigerant type		R290
Refrigerant amount	kg	0,8
Maximum working pressure	bar	31
Compressor type		twin rotary
Adjustment type		electronic

### Heating

Minimum working pressure	bar	1,0
Maximum working pressure	bar	3,0
Rated flow	m <sup>3</sup> /h	1,71
External operating temperature range	°C	from -22 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	166
Water connections		G 5/4 "
Sound power level	dB	50
Air flow	m <sup>3</sup> /h	4000

### Electrical data

Electrical connection	V/Ph/Hz	400 / 3~ / 50
Protection rating		IP24
Electric heater power (option with hydrobox / hydrotower)	kW	3 / 6 / 9
Fan power consumption	W	100
Number of fans		2

### SCOP

**w35 4,96 / w55 3,77**

### Energy efficiency class

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



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