

Specification - GOODHEAT R290 Sanitary Hot Water Heat Pump					
HEAT PUMP PARAMETERS		GHWSVB-100AA1	GHWSVB-150AA1	GHWSVB-200AA1	GHWSVB-300AA1
Power supply	V/Ph/Hz	220-240~1/50			
Water tank Volume	L	100	150	200	300
Tapping cycle****	/	M	L	L	XL
Normal Heating Capacity *	kW	1,1		1,6	
Energy Class		A+			
* Heating Capacity at Air 7°C/6°C, Water 15°C in, 55°C out					
Heating Capacity	kW	0,80	0,84	1,23	1,30
Heating Time	H	5,16	7,18	6,62	9,77
COP	/	2,65	2,82	2,93	3,15
Standby power input(7/6°C)***	W	30			
Water Heating Energy Efficiency	/	113,76%	118,99%	122,47%	129,60%
* Heating Capacity at Air 14°C/13°C, Water 15°C in, 55°C out					
Heating Capacity	kW	0,94	1,00	1,41	1,43
COP	/	3,05	3,34	3,42	3,53
* Heating Capacity at Air 20°C/15°C, Water 15°C in, 55°C out					
Heating Capacity	kW	0,95	1,03	1,48	1,5
COP	/	3,24	3,56	3,65	3,75
Refrigerant/charge	/	R290/150g			
Electric Heater	kW	1,6			
Sound power level *****	dB(A)	55			
Max. Water Outlet Temp. (without using backup heater)	°C	60			
Max. Water Outlet Temp.	°C	70			
Operation Range	°C	-7~45			
Water Outlet Temp. setting range	°C	10-70			
Rated Power	W	400+1600 (e-heater)		900+1600 (e-heater)	
Rated Current	A	2.1 +7.1 (e-heater)		3.9 +7.1 (e-heater)	
Rated water yield*	L/H	23,6		34,4	
Air flow	m3/h	500		450	
Unit protection Indoor unit (IP xx)		IPX1			
TANK					
Max allowed pressure of tank	bar	10			
Inner Tank Material		Duplex 2101 /2205, 304 /316L			
Inner tank thickness	mm	1		1,2	
Insulation material		Polyurethane			
Thickness of the tank insulation	mm	50			
Outside tank material		Galvanized steel			
Outside tank thickness	mm	0,6			
Coating thickness of the tank cover	mm	0,05			
Duct diameter	mm	150			
CONNECTIONS AND DIMENSIONS					
Hot water outlet	inch	G 1/2		G 3/4	
Cold water inlet	inch	G 1/2		G 3/4	
Size of water drain	inch	G 1/2		G 3/4	
Condensed water outlet	inch	G 1/2			
Net Dimensions (L/W/H)	mm	Ø510*1240	Ø510*1616	Ø570*1720	Ø650*1826
Packing Dimensions (L/W/H)	mm	570*570*1280	570*570*1730	640*640*1850	720*720*1956
Net Weight	Kg	45	53	66	80
Gross Weight	Kg	61	76	81	100
(*) Capacities and power inputs based on the following conditions: - Heating: Ambient temperature 20°C/15°C, Water temperature from 15°C to 55°C. (**) Capacities and Heating Time based on ERP(EN16147) for Stage A ; (***)Standby power input based on ERP(EN16147) for Stage B ; (****)COP and Energy Class based on ERP(EN16147) for Stage C with tapping cycle M / L / XL (*****)Noise is tested according to EN 12102 with water 50°C					
Note: The data above is for reference only. Please refer to the nameplate on the unit if for more specific data.					