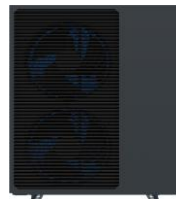
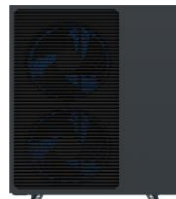




R290 Mono Inverter Heat Pump for Space Heating and Cooling											
Capacity			6kW	8kW	10kW	12kW	12kW	16kW	16kW	18kW	18kW
Sales Model			GSHVSH-6AA1	GSHVSH-8AA1	GSHVSH-10AA1	GSHVSH-12AA1	GSHVTH-12AA1	GSHVSH-16AA1	GSHVTH-16AA1	GSHVSH-18AA1	GSHVTH-18AA1
Product Design											
Power Supply			220~240V~ /50Hz	220~240V~ /50Hz	220-240~/ 50Hz	220-240~/ 50Hz	380~415V/3N~ /50Hz	220-240V~/ 50Hz	380~415V/3N~ /50Hz	220~240V ~ / 50Hz	380~415V / 3N / 50Hz
Heating Capacity (Max) (A7/6°C,W30/35°C)	Heating Capacity	kW	6.07 (2.63 ~ 9.10)	8.11 (3.57 ~ 12.29)	10.25 (4.39 ~ 13.50)	11.98 (4.39 ~ 15.45)	11.98 (4.39 ~ 15.45)	16.20 (6.17 ~ 18.51)	16.20 (6.17 ~ 18.51)	17.60 (6.50 ~ 22.00)	17.60 (6.50 ~ 22.00)
	Power Input	kW	1.19 (0.54 ~ 2.28)	1.60 (0.74 ~ 3.17)	2.07 (0.89 ~ 3.55)	2.45 (0.89 ~ 4.06)	2.45 (0.89 ~ 4.06)	3.38 (1.26 ~ 4.83)	3.38 (1.26 ~ 4.83)	3.62 (1.35 ~ 5.88)	3.62 (1.35 ~ 5.88)
	COP	/	5.10 (4.20 ~ 5.40)	5.07 (4.10 ~ 5.35)	4.95 (3.90 ~ 5.30)	4.89 (3.85 ~ 5.20)	4.89 (3.85 ~ 5.20)	4.79 (3.75 ~ 5.00)	4.79 (3.75 ~ 5.00)	4.86 (3.82 ~ 5.30)	4.86 (3.82 ~ 5.30)
Heating Capacity (Max) (A7/6°C,W47/55°C)	Heating Capacity	kW	5.99 (2.99~8.19)	8.11 (3.65~10.96)	10.07 (3.85 ~ 11.75)	11.55 (3.85 ~ 13.35)	11.55 (3.85 ~ 13.35)	15.89 (5.75 ~ 17.20)	15.89 (5.75 ~ 17.20)	17.85 (5.45 ~ 18.89)	17.85 (5.45 ~ 18.89)
	Power Input	kW	1.87 (1.03~2.92)	2.65 (1.11~3.87)	3.12 (1.20 ~ 4.35)	3.71 (1.20 ~ 5.03)	3.71 (1.20 ~ 5.03)	5.30 (1.81 ~ 5.84)	5.30 (1.81 ~ 5.84)	5.88 (2.15 ~ 6.85)	5.88 (2.15 ~ 6.85)
	COP	/	3.20 (2.90 ~ 3.46)	3.18 (2.83 ~ 3.45)	3.23 (2.75 ~ 3.57)	3.11 (2.65 ~ 3.57)	3.11 (2.65 ~ 3.57)	3.00 (2.83 ~ 3.45)	3.00 (2.83 ~ 3.45)	3.03 (2.64 ~ 3.57)	3.03 (2.64 ~ 3.57)
Cooling Capacity (Max) (A35/24°C,W12/7°C)	Cooling Capacity	kW	5.00 (1.38~5.70)	7.10 (1.44~8.11)	8.50 (3.65 ~ 9.45)	10.00 (3.65 ~ 11.04)	10.00 (3.65~11.04)	13.00 (4.03 ~ 13.51)	13.00 (4.03 ~ 13.51)	15.00 (4.55 ~ 17.20)	15.00 (4.55 ~ 17.20)
	Power Input	kW	1.77 (0.67~2.44)	2.51 (0.90~3.20)	3.01 (1.12~3.51)	3.68 (1.12~3.97)	3.68 (1.12 ~ 3.97)	4.60 (1.45 ~ 5.03)	4.60 (1.45 ~ 5.03)	5.52 (1.85 ~ 7.31)	5.52 (1.85 ~ 7.31)
	EER	/	2.82 (2.03~3.20)	2.83 (2.00~3.15)	2.82 (2.00~3.10)	2.72 (1.95~3.00)	2.72 (1.95~3.00)	2.83 (1.98~3.05)	2.83 (1.98~3.05)	2.72 (1.96 ~ 2.98)	2.72 (1.96 ~ 2.98)
ERP Level (Outlet water temp. at 35°C/ 55°C)		/	A+++/A+++					A+++/A++		A+++/A+++	
Rated Power Input		kW	3,6	4,65	5,05	5,45	5,86	6,95	6,95	7,5	10,52
Rated Current Input		A	15,0	20,4	23,0	25,0	10,5	30,5	11,7	35,0	17,3
Refrigerant Type / Charge / GWP		... / kg	R290 / 0.85 / 3	R290 /0.90 / 3	R290 / 1.00 / 3	R290 / 1.00 / 3	R290 / 1.00 /3	R290 / 1.15 /3	R290 / 1.15 /3	R290 / 1.4 / 3	R290 / 1.4 / 3
Rated water flow		m³/h	1,00	1,37	1,72	2,06	2,06	2,75	2,75	3,1	3,1
Water Pressure Drop		kPa	20	25	20			55			



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Sales Model		GSHVSH-6AA1	GSHVSH-8AA1	GSHVSH-10AA1	GSHVSH-12AA1	GSHVTH-12AA1	GSHVSH-16AA1	GSHVTH-16AA1	GSHVSH-18AA1	GSHVTH-18AA1
Product Design										
Fan quantity	/	1							2	
Fan motor type	/	DC inverter								
Compressor	/	DC inverter								
Circulating pump	/	Inverter type / Built-in								
IP Class	/	IPX4								
Max. outlet water Temp.	°C	75								
Operating temperature range (Heating mode)	°C	-25~45								
Operating temperature range (Cooing mode)	°C	16~45								
Sound pressure at 1m distance	dB(A)	43 (39~51)	43 (39~51)	44 (39~52)	46 (39~52)	46 (39~52)	48 (39~55)	48(39~55)	49 (39~55)	49 (39~55)
Sound pressure at 3m distance	dB(A)	35 (32~44)	35 (32~44)	37 (32~45)	39 (32~45)	39 (32~45)	41 (32~48)	41 (32~48)	47 (32~48)	47 (32~48)
Water Piping Connections	inch	G1								
UnPacked Weight	kg	140	145	155			195		215	
Packed Weight	kg	160	165	175			220		240	
Unpacked Dimensions (LxD×H)	mm	1290*460*955					1490*500*1005		1190*500*1515	
Packed Dimensions (LxD×H)	mm	1320*500*1094					1520*540*1140		1220*540*1640	

Note: The data above is for reference only. Please refer to the nameplate on the unit if for more specific data.

*Heating, cooling and hot water three -in -one
*High Efficiency A+++ Energy Level
*Full DC inverter compressor and fan motor
*R290 refrigerant, eco-friendly
*4 -inch smart colorful touch screen
*Stable Running at -25℃ Ambient Temperature
*Noise Reduction Technology
*Intelligent defrosting

*Modern appearance
*WIFI module
*4G module(optional)
*Smart Energy Management System
*Smart terminal management system
*Remote control system(APP+IOT)
*Automatic remote software upgrade system(OTA)
*SG Ready function

*Outlet water temperature up to 75℃
*Dual temperature zone control function
*Centralized-control function(Support 16 units centralized control)
*Zero cooling water(Backwater function)
*Built-in refrigerant gas sensor
*Web Product Management Center
*Provide Personalized Customized Products