

Product Specification

System

Outdoor Unit

Model Name					AG070KSVANH/EU
Power Supply				Ø, #, V, Hz	3 4 380-415 50/60
Mode					HP
Performance	HP				25
	Capacity	Cooling	Nominal	kW	65.00
		Heating	Nominal	kW	69.50
Power	Power Input	Cooling	Nominal	kW	28.26
		Heating	Nominal	kW	25.84
	Current Input	Cooling	Nominal	A	45.80
		Heating	Nominal	A	43.30
	Current	Minimum Ssc		MVA	15.08
		MCA		A	65.00
		MFA		A	75.00
Efficiency	Cooling	EER		W/W	2.300
		SEER		W/W	3.820
		ESEER (Pump input is not included)		W/W	5.000
		ESEER (Pump input is included based on EN 14511)		W/W	4.100
		ηs,c		-	149.8 %
	Heating	COP		W/W	2.690
		SCOP		W/W	3.190
		ηs,h		-	125 %
Casing	Material	Body			EGI steel plate
		Base			EGI steel plate
Compressor	Quantity			EA	2
Fan	Type				Propeller
	Discharge direction				Top discharge
	Air Flow Rate	High		CMH	23520
	External Static Pressure	Max		Pa	78.45
Fan Motor	Type				BLDC
	Quantity			EA	2
	Output			W	630
Water Side Heat Exchanger	Type				Brazing Plate
	Quantity			EA	2
	Water Flow Rate	Cooling	Rated	LPM	186
		Heating	Rated	LPM	200

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System (Continued)

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Water Side Heat Exchanger	Nominal water volume		liter	14.2
	Pressure Drop (Set. Nominal)		kPa	120.00
	Max Operating Pressure		MPa	1.00
	Connection Type			Flange
	Pipe connection (Inlet/Outlet)		mm	40
Wiring connections	Communication	Min.	mm ²	0.75
		Comm.Layer		F1, F2
Refrigerant	Type			R410A
	Factory Charging		kg	18.00
	CO2 emission		tCO2e	37.58
Sound	Sound Pressure Level	Cooling	dB(A)	63
		Heating	dB(A)	64
	Sound Power Level	Cooling	dB(A)	88
External Dimension	Net Weight		kg	493.00
	Shipping Weight		kg	515.00
	Net Dimensions	W	mm	1795
		H	mm	1695
		D	mm	765
	Shipping Dimensions	W	mm	1900
		H	mm	1887
		D	mm	919
Operating Temp. Range	Cooling	Min.	°C	-15.0
		Max.	°C	48.0
	Heating	Min.	°C	-25.0
		Max.	°C	43.0
Operating Water Temp. Range	Cooling	Min.	°C	5.0
		Max.	°C	25.0
	Heating	Min.	°C	25.0
		Max.	°C	55.0
Operating Water Flow Range	Water Flow Rate	Min.	LPM	93
		Max.	LPM	400
	Minimum water storage in the system		liter	490.0