



Power supply	Monobloc Unit	V/Ph/H	380-415/3/50
Heating2	Capacity	kW	14,5
	Rated input	kW	3,08
	COP		4,71
Heating3	Capacity	kW	14
	Rated input	kW	4,67
	COP		3
Cooling4	Capacity	kW	13,6
	Rated input	kW	3,78
	EER		3,6
Cooling5	Capacity	kW	12,8
	Rated input	kW	5,00
	EER		2,56
Seasonal space heating energy efficiency class7	LWT at 35°C		A+++
	LWT at 55°C		A++
	LWT at 35°C		4,71
	LWT at 55°C		3,48
MOP(Maximum overcurrent protection)		A	28
DC Inv.Compressor	Model		9KD420ZBA21
	Quantity		1
	Twin rotary DC inverter		
	Brand		panasonic
	RPM	rps	3450
	Capacity	W	12250
	Input	W	4495
	Power Supply	Ph-V-Hz	380-415/3/50
	Operating Frequency	Hz	15~120
	Crankcase	W	25
	Compressor refrigerant Oil	ml	1000
Fan Motor	Model		CW170A-ZL
	Brushless DC motor		
	Brand		WOLONG
	Insulation Class		E
	Safe Class		IP24
	Output Power x Fan quantity	W	170*1
	Speed	r/min	870
Fan	Motor type		Axial
	Number of fans		1

- Note: 1. Relevant EU standards and legislation: EN14511; EN14825; EN50564; EN12102; (EU) No 811:2013; (EU) No 813:2013; OJ 2014/C 207/02:2014.
- Outdoor air temperature 7°C DB, 85% R.H.; EWT 30°C, LWT 35°C.
- Outdoor air temperature 7°C DB, 85% R.H.; EWT 47°C, LWT 55°C.
- Outdoor air temperature 35°C DB; EWT 23°C, LWT 18°C.
- Outdoor air temperature 35°C DB; EWT 12°C, LWT 7°C.
- Seasonal space heating energy efficiency class tested in average climate conditions.
- Test standard: EN12102-1
- Sound pressure level is the maximum value tested under the two conditions of Notes2 and Notes5.

Air side heat exchanger	a.Number Of Row		3		
	b.Tube Pitch(a)x Row Pitch(b)		mm	19.05*22	
	c.Fin Pitch		mm	1,5	
	d.Fin Material			Aluminum sheet	
	e.Tube Outside Dia.And Material		mm	φ7.94	
	f.Coil Length x Height x Width		mm	1050*836*5715	
	g.Heat Exchanging Area		m²	65	
	Water pump	brand			Shimge
fluid temp			0-110°C		
Ambient temp			-25-53°C		
Max pressure			10bar		
Protection class			IP44		
Rated prower			230-50/60Hz		
Type			canned pump		
Power input			4-95W		
current			0.04-0.75A		
Max Rotating speed			4500r/min		
Insulation class			class F		
Pump head			9m		
Max Flow			4.5m³/h		
Adapter diameter			DN25		
Refrigerant(R32)	Factory charge		kg	1,7	
Throttle type	Electronic expansion valve				
Sound pressure level	Monobloc Unit		dB(A)	52	
Sound power level	Monobloc Unit		dB	65	
Packed dimensions (W×D×H)	Monobloc Unit		mm	1465×550×1095	
Body dimensions (W×D×H)	Monobloc Unit		mm	1385×520×933	
Net/Gross weight	Monobloc Unit		kg	140/151	
Operating temperature range	Cooling		°C	-5 -43	
	Heating		°C	-25- 35	
	DHW		°C	-25-43	
Setting water temperature range	Cooling		°C	5-25	
	Heating		°C	12-65	
	DHW(tank)		°C	30-60	
Water circuit	Piping connections		inch	G1"BSP	
	Safety valve set pressure		MPa	0,3	
	Flow switch		m³/h	0,6	
	Expansion tank	Volume	L	8	
		Max. water pressure	MPa	0,8	
		Pre-pressure	MPa	0,1	
	Capacity of the back-up heater		kW	3	
	Water side	Type	Plate type		
Wiring	Power wiring		mm²	10	
Stuffing Quantity	40H/40/20		Unit	66/66/32	
Energy efficiency label data	Colder	55°C		kW	11
		35°C		kW	13
	Average	55°C		kW	14
		35°C		kW	15
	Warmer	55°C		kW	14
		35°C		kW	12