



Power supply	Monobloc Unit	V/Ph/H	220-240/1/50
Heating²	Capacity	kW	6,35
	Rated input	kW	1,28
	COP		4,95
Heating³	Capacity	kW	6,4
	Rated input	kW	2,13
	COP		3
Cooling⁴	Capacity	kW	6,6
	Rated input	kW	1,35
	EER		4,9
Cooling⁵	Capacity	kW	7,05
	Rated input	kW	2,35
	EER		3
Seasonal space heating energy efficiency class⁷	LWT at 35°C		A+++
	LWT at 55°C		A++
	LWT at 35°C		4,96
	LWT at 55°C		3,53
MOP(Maximum overcurrent protection)		A	18
DC Inv.Compressor	Model		EKTM180D63UKER
	Quantity		1
	Twin rotary DC inverter		
	Brand		GMCC
	RPM	rps	3450
	Capacity	W	5620
	Input	W	1500
	Power Supply	Ph-V-Hz	220-240/1/50
	Operating Frequency	Hz	12~120
	Crankcase	W	25
	Compressor refrigerant Oil	ml	620
	Fan Motor	Model	
Brushless DC motor			
Brand			WOLONG
Insulation Class			E
Safe Class			IP24
Output Power x Fan quantity		W	65*1
Fan	Speed	r/min	850
	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		2	
	b.Tube Pitch(a)x Row Pitch(b)	mm	19.05*22	
	c.Fin Pitch	mm	1,3	
	d.Fin Material		Aluminum sheet	
	e.Tube Outside Dia.And Material	mm	φ7	
	f.Coil Length x Height x Width	mm	871*660*38.1	
	g.Heat Exchanging Area	m ²	28	
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		4.5m ³ /h		
Adapter diameter		DN25		
Refrigerant(R32)	Factory charge	kg	1,05	
Throttle type	Electronic expansion valve			
Sound pressure level	Monobloc Unit	dB(A)	45	
Sound power level	Monobloc Unit	dB	58	
Packed dimensions (W×D×H)	Monobloc Unit	mm	1330×428×930	
Body dimensions (W×D×H)	Monobloc Unit	mm	1265×323×765	
Net/Gross weight	Monobloc Unit	kg	90/98	
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	m ³ /h	0,36	
	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	mm ²	6	
Stuffing Quantity	40H/40/20	Unit	92/86/42	
Energy efficiency label data	Colder	55°C	kW	4
		35°C	kW	6
	Average	55°C	kW	6
		35°C	kW	7
	Warmer	55°C	kW	5
		35°C	kW	6