

			<b>12K</b>	
Type			heating pump	
Control type			remote controller	
Power supply			220-240V~/50Hz/1P	
Power supply side			Outdoor	
Voltage Range		V	165~265	
Cooling	Cooling capacity	W	2620(940~3300)	
	Power consumption	W	811(240~1380)	
	Operating current	A	5.4(1.2~8.0)	
	EER	W/W	3,23	
Seasonal Co	Pdesignc	W	2600	
	SEER	W/W	6,4	
	Energy Class		A++	
	Annual energy consumption	kwh/	143	
Heating	Heating capacity	W	2700(1000~3810)	
	Power consumption	W	726(290~1720)	
	Operating current	A	4.8(1.5~9.0)	
	COP	W/W	3,71	
Seasonal Heating (Average)	PdesignH	W	2200	
	SCOP	W/W	4,0	
	Energy Class		A+	
	Annual energy consumption	kwh/	770	
	Declare capacity(-10°C)	W	2000	
	Back up heating capacity(-1	W	200	
Seasonal Heating (Warmer)	PdesignH	W	2500	
	SCOP	W/W	5,1	
	Energy Class		A+++	
	Annual energy consumption	kwh/	687	
	Declare capacity(2°C)	W	2500	
	Back up heating capacity(2°	W	0	
Seasonal Heating (Colder)	PdesignH	W	2600	
	SCOP	W/W	3,4	
	Energy Class		A	
	Annual energy consumption	kwh/	1606	
	Declare capacity(-22°C)	W	1700	
	Back up heating capacity(-2	W	900	
Indoor unit	Moisture removal		Lite 1	
	Sound power(S/H/H-M/M/		dB(A) 53/49/46/43/39/35/32	
	Sound pressure(S/H/H-M/		dB(A) 42/38/36/32/30/26/22	
	Air circulation (S/H/H-	Cooling	m <sup>3</sup> /h	550/520/490/450/410/370
		Heating	m <sup>3</sup> /h	70/530/500/460/430/390/360
	Fan speed (S/H/H-M/M/	Cooling	rpm	11320/1250/1150/1050/950
		Heating	rpm	10/1120/1050/970/900/830/
	Indoor fan motor Type			DC
	Net weight		kg	7
	Gross weight		kg	9
	Net dimensions (W x H x		mm	777×250×201
	Packing dimensions(W x H		mm	840×315×260

	Packing dimensions(W x H)	mm	850×320×275	
	Packing dimensions(W x H)	mm	/	
Indoor coil	a.Number of rows		2	
	b.Tube pitchx row	mm	19.5×23.14	
	c.Fin spacing	mm	1,3	
	d.Fin type (code)		Louver Fin	
	e.Tube outside dia	mm	φ5	
	f.Coil length x heig	mm	583×253×23.14	
	g.Number of circuits		1in3out	
Outdoor	Compressor	Type	Rotary	
		MFG	GMCC	
	Refrigerant	Type		R32
		Charge	kg	0,52
	Outdoor air circulation	m <sup>3</sup> /h	1700	
	Outdoor fan speed(S/	Cooling	r pm	1000/910/830/710/710
		Heating	r pm	970/970/970/710/710
	Outdoor fan motor Type		Propeller fan	
	Outdoor sound power	dB (A)	62	
	Outdoor sound pressure	dB (A)	54	
	Expansion device		Capillary	
	Net weight	kg	20	
	Gross weight(Without pipe)	kg	22	
	Gross weight(With pipe)	kg	23	
	Net dimensions (W x H x	mm	712×459×276	
	Packing dimensions(W x H)	mm	765×481×310	
	Outdoor coil	a.Number of rows		1
b.Tube pitchx row		mm	21	
c.Fin spacing		mm	1,2	
d.Fin type (code)			Corrugated	
e.Tube outside dia		mm	φ7	
f.Coil length x heig		mm	638×420×18.2	
g.Number of circuits			2in1out	
Connections	Connecting Wiring (Core x	mm <sup>2</sup>	4×0.75mm <sup>2</sup>	
	Power supply cable(Core	mm <sup>2</sup>	3×1.5mm <sup>2</sup>	
	Drainage pipe diameter	mm	16	
	Connecting Pipe	Gas	Inch	3/8"
		Liquid	Inch	1/4"
Others	Application area	m <sup>2</sup>	9~16	
	Max. refrigerant pipe length	m	25	
	Max. difference in level	m	10	
	Standard precharge total	m	5	
	Additional refrigerant	g/m	15	
	Operation temperature	°C	16-31	
	Ambient temperature range	Outdoor	°C	<b>Cooling:-15-53/</b>
Indoor		°C	<b>Cooling:17-32/</b> <b>Heating:0-30</b>	