

			ART09IDU	ART12IDU	ART18IDU	ART24IDU
Type			heating pump	heating pump	heating pump	heating pump
Control type			remote controller	remote controller	remote controller	remote controller
Power supply			220-240V~/50Hz/1P	220-240V~/50Hz/1P	220-240V~/50Hz/1P	220-240V~/50Hz/1P
Power supply side			Outdoor	Outdoor	Outdoor	Outdoor
Voltage Range			V	V	V	V
Cooling	Cooling capacity	W	2610(940-3700)	3520(1000-4600)	5200(1250-5920)	7000(1830-7820)
	Power consumption	W	672(240-1380)	1051(290-1510)	1417(330-2350)	1940(410-2830)
	Operating current	A	3.0(1.2-8.1)	4.8(1.5-9.2)	6.4(1.7-12.0)	8.7(2.3-15.5)
	Pdesigngc	W	2600	3500	5200	7000
Seasonal Cooling	SEER	W/W	8.5	8.5	8.5	8.5
	Energy Class		A+++	A+++	A+++	A+++
	Annual energy consumption	kwh/a	108	145	215	289
	Heating capacity	W	3320(940-4000)	3860(1000-4900)	5500(1250-6690)	7100(1850-7960)
Heating	Power consumption	W	860(240-1552)	963(290-1720)	1401(340-2540)	1810(420-3010)
	Operating current	A	3.9(1.2-9.0)	4.0(1.5-10.0)	6.4(1.7-13.0)	8.0(2.3-16.0)
	Pdesignh	W	2400	2500	4200	5300
	SCOP	W/W	4.6	4.7	4.6	4.7
Seasonal Heating (Average)	Energy Class		A++	A++	A++	A++
	Annual energy consumption	kwh/a	731	745	1279	1579
	Declare capacity(-10℃)	W	2200	2300	3800	5100
	Back up heating capacity(-10℃)	W	200	200	400	200
Indoor unit	Moisture removal	Liters/h	1.2	1.5	1.8	2
	Sound power(S/H/H-M/M/M-L/L/Mute)	dB(A)	54/50/47/44/39/35/29	54/50/47/44/39/35/29	57/52/50/48/46/44/42	60/54/50/47/44/40/36
	Sound pressure(S/H/H-M/M/M-L/L/Mute)	dB(A)	44/41/37/34/29/25/19	44/41/37/34/29/25/19	47/42/40/38/36/34/32	50/44/40/37/34/30/26
	Air circulation	m³/h	650/630/590/550/510/470/420	650/630/590/550/510/470/420	860/790/740/680/630/570/510	1100/1020/960/890/830/770/680
	Heating	m³/h	680/650/610/570/540/500/460	680/650/610/570/540/500/460	900/810/760/700/650/590/530	1150/1070/1010/940/890/830/750
	Indoor fan motor Type		DC	DC	DC	DC
	Net weight	kg	9	9	10	14
	Gross weight	kg	11	11	13	17
	Net dimensions (W x H x D)	mm	820×306×195	820×306×195	920×306×195	1100×333×222
	Type		Rotary	Rotary	Rotary	Rotary
Outdoor	Compressor	Model	KSN89D28UDZW3I	KSN98D31UEZW3I	C-1RZ140H3CBF	C-6RZ180H3AAF
		MFG	GMCC	GMCC	SANYO	SANYO
	Refrigerant	Type	R32	R32	R32	R32
		Charge	kg	0.6	0.87	1.27
		GWP	675	675	675	675
		CO2 equivalent	0.385	0.405	0.588	0.858
	Outdoor air circulation	m³/h	2000	2300	3000	4000
	Outdoor fan motor Type		DC	DC	DC	DC
	Outdoor sound power	dB(A)	62	63	65	68
	Outdoor sound pressure	dB(A)	52	53	55	58
Connections	Expansion device		Electronic expansion valve	Electronic expansion valve	Electronic expansion valve	Electronic expansion valve
	Net weight	kg	22	24	38	45
	Gross weight(Without pipe)	kg	24	26	41	48
	Gross weight(With pipe)	kg	25	27	42	49
	Net dimensions (W x H x D)	mm	787×498×290	810×549×305	927×699×380	978×803×421
	Packing dimensions(W x H x D)-no pipe	mm	818×520×325	835×575×328	960×732×430	1022×835×480
	Connecting Wiring (Core x Size)	mm²	4×0.75mm²	4×0.75mm²	4×0.75mm²	4×0.75mm²
	Power supply cable(Core x Size)	mm²	3×1.5	3×1.5	3×1.5	3×2.5
	Drainage pipe diameter	mm²	16	16	16	16
	Connecting Pipe	Gas	Inches	3/8"	1/2"	1/2"
Others		Liquid	Inches	1/4"	1/4"	1/4"
	Application area	m²	9-16	14-22	20-35	27-45
	Max. refrigerant pipe length	m	25	25	25	25
	Max. difference in level	m	10	10	10	10
	Standard precharge total pipe length	m	5	5	5	5
	Additional refrigerant charge	g/m	15	15	25	25
	Operation temperature range	m	16-31	16-31	16-31	16-31
	Ambient temperature	Outdoor	℃	Cooling:-15-53/Heating:-25-30	Cooling:-15-53/Heating:-25-30	Cooling:-15-53/Heating:-25-30
	range	Indoor	℃	Cooling:17-32/Heating:0-30	Cooling:17-32/Heating:0-30	Cooling:17-32/Heating:0-30