



Caractéristiques techniques

Model			PO-09CHSAIBP/XA82	PO-12CHSAIBP/XA82	PO-18CHSAIBP/XA82	PO-24CHSAIBP/XA82
Type			Heating pump			
Control type			remote			
Rated cooling capacity		Btu/h/W	9000(2800~11500)	12000(3410~13000)	18000(4400~20000)	24000(5100~25600)
Rated heating capacity		Btu/h/W	9500(3210~12500)	12500(3480~13500)	18500(4400~21500)	24500(5120~27000)
EER for cooling		W/W	3,21	3,21	3,20	3,21
SEER for cooling		W/W	5,40	5,42	5,39	5,50
COP for heating		W/W	3,61	3,61	3,60	3,62
SEER for heating		W/W	3,80	3,85	3,88	3,95
Moisture removal		Liters/h	1	1,2	1,8	2,2
Pressure	High (DP)	MPa	4,5	4,5	4,5	4,5
	Low (SP)	MPa	1,9	1,9	1,9	1,9
Indoor noise level(S/H/M/L/Mute)		dB(A)	51/45/37/31/25	52/45/37/34/27	54/46/41/36/33	65/47/42/38/34/30
Outdoor noise level		dB(A)	62	62	64	67
Electrical Data						
Power supply			220-240V~/50Hz/1P			
Voltage Range		V	187-265		198~242	198~242
Rated current	Cooling	A	3.8(1.2~8.0)		7.8(2.4~12.0)	10.4(3.0~15.0)
	Heating	A	3.6(1.2~8.5)		7.1(2.4~12.0)	9.4(3.0~14.0)
Rated input	Cooling	W	820(240~1250)		1645(420~2500)	2190(530~2900)
	Heating	W	770(240~1350)		1500(420~2500)	1985(530~2800)
Annual energy consumption(cooling)		kwh	410		548	935
Max Current	Cooling	A	8		9	12
	Heating	A	8,5		9	12
Max Power input	Cooling	W	1250		1980	2500
	Heating	W	1350		1980	2500
Refrigerating & Fan System						
Refrigerant/Charge		kg	R410A/0.480		R410A/0.57	R410A/1.06
Compressor	Type		Rotary		Rotary	Rotary
	Model		35W2ALLB9F#MC		KSK103D33UEZC3	KSN140D33UFZ3
	Brand		RECHI		GMCC	GMCC
Expansion device			Capillary tube		Capillary tube	Capillary tube
Indoor air circulation (Cooling/Heating)		m³/h	430/450		500/550	850/900
Indoor fan motor	type		Crossflow22001-000273		Crossflow22001-000273	Crossflow22001-000389
	Output	W	14		14	25
	Capacitor	uF	1,5		1,5	/
Indoor fan speed H/M/L	Cooling	rpm	1100/1000/900/800/700		1250/1150/1050/950/850/750/600	1350/1250/1050/850/750
	Heating	rpm	1100/1050/950/850/800		1250/1150/1050/950/900/850/800	1350/1250/1050/850/750
	Dry	rpm	800		750	850
	Sleep	rpm	800/850		750/850	850
Outdoor fan motor	type		Propeller22001-000552		Propeller22001-000552	Propellerfan22001-000551
	Output	W	25		25	33
	Capacitor	uF	2		2	/
	Speed	r/min	895		895	1000
Connections						
Connecting Pipe	Gas	mm	Φ9.52(3/8")		Φ9.52(3/8")	Φ9.52(3/8")
	Liquid	mm	Φ6(1/4")		Φ6(1/4")	Φ6(1/4")
Connecting Wiring	Size x Core number		4x1.0		4x1.0	3x1.5;4x0.75
Others						
Suitable area		m²	9~16		15~23	20~30
Max. refrigerant pipe length		m	15		15	15
Max. difference in level		m	5		5	5
Operation temperature range		°C	16-31		16-31	16~31
Ambient temperature range	Outdoor	°C	Cooling:0-53/ Heating: -15-30		Cooling:0-53/ Heating: -15-30	Cooling:15-43/ Heating: -7-24
	Indoor	°C	Cooling:17-32/ Heating:0-30		Cooling:17-32/ Heating:0-30	Cooling:17-32/ Heating:0-27
Net dimensions (W xD xH)	Indoor	mm	698x255x190		777x250x201	910x294x206
	Outdoor	mm	712x276x459		712x276x459	853x349x602
Net weight	Indoor	kg	6,5		7,5	10
	Outdoor	kg	20,5		21	29
Packing dimensions(W xD xH)	Indoor	mm	764x325x257		850x320x275	979x372x277
	Outdoor (w/opipe)	mm	765x310x481		765x310x481	890x385x628
Gross weight	Indoor	kg	8,5		8,7	13
	Outdoor (w/ipipe)	kg	23		23	32