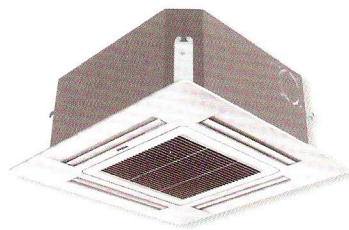
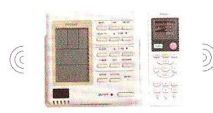




180° sine wave DC inverter

- AB12CS1ERA
- AB18CS1ERA
- AB24ES1ERA



12,18K



24K

- High performance compressor
- 180° sine wave DC inverter
- Auto mode
- Power mode
- On-Off card
- Group controller
- Central control
- Comfortable sleep
- Quiet operation
- Auto-swing
- 4-way airflow
- Fresh air
- Auto restart
- 3 minutes protection
- Weekly timer
- 24 hours timer
- Super match
- Compact design
- Drain water pump

Model/Indoor unit			AB12CS1ERA	AB18CS1ERA	AB24ES1ERA	
Capacity	Cooling	Btu/h(nor)	12000	17000	22200	
	Heating	kW nor(min-max)	3.50(0.9-4.5)	5(1.8-5.8)	6.5(2-7.3)	
		Btu/h(nor)	12600	18800	24300	
		kW nor(min-max)	3.7(1-4.8)	5.2(2-6.5)	7.1(2.5-8)	
Heating P design (-10°C)		kW	3.4	5.1	5.1	
Electrical parameters	Power supply	Ph/V/Hz	1/230/50/60	1/230/50/60	1/230/50/60	
	Power input	Cooling	kW nor(min-max)	1.06(0.28-1.65)	1.53(0.55-2)	2.02(0.5-2.6)
		Heating	kW nor(min-max)	0.99(0.28-1.65)	1.52(0.6-2)	1.91(0.5-2.6)
	EER/COP			3.31/3.71	3.26/3.42	3.23/3.72
	SEER/SCOP			5.6/3.8	5.6/3.4	5.2/3.8
Energy class (Cooling/Heating)			A+/A	A+/A	A/A	
Performance	Air flow (H/M/L)	m³/h	620/520/450	700/620/500	1300/1100/870	
	Sound power level (H/M/L)	dB(A)	53/49/45	55/50/47	59/57/52	
	Sound pressure level (H/M/L)	dB(A)	40/36/32	42/37/35	46/44/39	
Installation	External dimensions (W/D/H)	mm	570/570/260	570/570/260	840/840/240	
	Shipping dimensions (W/D/H)	mm	718/680/380	718/680/380	930/930/330	
	Net/Shipping weight	kg	18.5/23	18.5/23	26.8/32.6	
Controller	Wired(O-optional,S-standard)		YR-E14(O)	YR-E14(O)	YR-E14(O)	
	Infrared(O-optional,S-standard)		YR-HD(S)	YR-HD(S)	YR-HD(S)	
Panel	Model		PB-700IB	PB-700IB	PB-950JB	
	External dimensions (W/D/H)	mm	700/700/60	700/700/60	950/950/60	
	Shipping dimensions (W/D/H)	mm	740/750/115	740/750/115	985/985/115	
	Net/Shipping weight	kg	2.8/4.8	2.8/4.8	4.2/6.3	
Model/Outdoor unit			1U12BS2ERA	1U18FS2ERA	1U24GS1ERA	
Electrical parameters	Power supply	Ph/V/Hz	1/230/50	1/230/50	1/230/50/60	
	Air flow (H)	m³/h	2000	2200	3000	
Performance	Sound power level	dB(A)	61/56/52/49	63/60/57/54	68	
	Sound pressure level	dB(A)	51/46/42/39	53/50/47/44	57	
	External dimensions (W/D/H)	mm	780/245/540	810/288/688	860/308/730	
Installation	Shipping dimensions (W/D/H)	mm	930/340/614	949/406/745	995/420/815	
	Net/Shipping weight	kg	32/35	43/45.5	49/52	
	Compressor type		Rotary	Twin Rotary	Rotary	
	Refrigerant type		R410A	R410A	R410A	
	Refrigerant liquid pipe	mm	6.35	6.35	9.52	
	Refrigerant gas pipe	mm	9.52	12.7	15.88	
	Max pipe length	m	15	25	25	
Working temp.	Max drop between I.U.&O.U	m	10	15	15	
	Cooling (Min-Max)	°C	18-43	18-43	-10-46	
Heating (Min-Max)		°C	-15-24	-15-24	-15-24	

* Model is under development, data is for reference.