

AI ECO Inverter							
Model Name		Indoor model	Set	ES09RE32I1(INV)	ES12RE32I1(INV)	ES18RE32I1(INV)	ES24RE32I1(INV)
		Outdoor model		ES09RE32E1(INV)	ES12RE32E1(INV)	ES18RE32E1(INV)	ES24RE32E1(INV)
Power supply			Ph/V/Hz	1/220-240/50	1/220-240/50	1/220-240/50	1/220-240/50
Label	Rated Cooling TI	Capacity	Btu/h	9214	12746	18769	23001
		Capacity	W	2700	3735	5500	6740
		Input	W	840	1165	1525	2065
		Rated current	A	3.65	5.07	6.63	8.98
		EER	Btu/h.W	10.97	10.94	12.32	11.12
		EER	W/W	3.21	3.21	3.61	3.26
	Rated Heating TI	Energy Class	star	A	A	A++	A
		Capacity	Btu/h	10835	14521	18769	24707
		Capacity	W	3175	4255	5500	7240
		Input	W	865	1126	1320	1867
		Rated current	A	3.76	4.90	5.74	8.12
		COP	Btu/h.W	12.53	12.90	14.20	13.24
Max. input consumption			W	1200	1300/1600	2000	2750/2350
Max. current			A	5.3	5.6/7.3	9.1	12.1/10.7
Starting current			A	-	-	-	-
Operation Control				Remote	Remote	Remote	Remote
Indoor air flow(SH/Hi/Me/Lo/SQ)			m³/h	520	650	730	1100
Indoor noise level (Hi/Me/Lo)			dB(A)	41/38/27	42/38/27	45/40/32.5	52/48/35
Indoor dimension	Unit (WxHxD)	mm	705*265*193	805*292*200	875*304*212	975*318*222	
	Packing (WxHxD)	mm	772*263*325	876*272*365	945*296*390	1050*301*397	
Indoor weight	Net	kg	6.7	8.1	10.0	11.6	
	Gross	kg	8.5	10.2	12.0	14.4	
	Indoor Recommended Stack Height		8	8	8	8	
Outdoor noise level			dB(A)	51	51	55	55
Outdoor dimension	Unit (WxDxH)	mm	660*246*463	700*245*544	820*306*642	890*340*705	
	Packing (WxDxH)	mm	767*335*516	845*330*610	940*390*697	1046*460*780	
Outdoor weight	Net	kg	19.2	21.5	31.8	39.3	
	Gross	kg	22.5	25.5	36.0	45.0	
	Outdoor Recommended Stack Height		4	4	4	4	
Refrigerant	Type		R32	R32	R32	R32	
	Charge	g	460	510	830	900	
Refrigerant pipe	Liquid side	mm	6.35	6.35	6.35	6.35	
	Gas side	mm	9.52	9.52	12.7	12.7	
	Design pressure(Mpa)	Mpa	4.3/4.3	4.3/4.3	4.3/4.3	4.3/4.3	
	Max. refrigerant pipe length	m	15	20	25	25	
	Max. difference in level	m	10	10	15	15	
Additional Refrigerant(>standard length)(g/m)		g/m	20	20	20	20	
Power Supplied			/	outdoor	outdoor	outdoor	outdoor
Power Point type			/	No Plug	No Plug	No Plug	No Plug
Application area (Cooling standard)			m²	13~19	16~25	24~35	32~47
Ambient temperature range			℃	Cool: -15-50℃ Heat: -20-24℃	Cool: -15-50℃ Heat: -20-24℃	Cool: -15-50℃ Heat: -20-24℃	Cool: -15-50℃ Heat: -20-24℃
QTY Per 40' HQ			Indoor	1100	812	666	560
QTY Per 40' HQ			Out door	525	380	222	222
QTY Per 40' HQ			Indoor+ Outdoor	350	272	198	173