

Technical Specifications				
Model		12K		12K
Type			cooling only	Heating Pump
Climate type			T3	T3
Power supply			230V~1 Phase/ 60Hz	230V~1 Phase/ 60Hz
Voltage Range		V	198~264	198~264
Refrigerant		kg	R410A/0.730kg	R410A/0.980kg
Cooling T1	Rated capacity	Btu/h	12100	12300
	Rated capacity	kW	3.54	3.60
	EER	Btu/h/W;	11.85	12.30
	EER	W/W	3.47	3.60
	Rated power input	W	1021	1000
	Rated current	A	4.5	4.4
	Max power input	W	1650	1650
	Max current	A	8.0	8.0
Cooling T3	Rated capacity	Btu/h	10600	10200
	Rated capacity	kW	3.12	3.00
	EER	Btu/h/W;	8.35	8.35
	EER	W/W	2.45	2.45
	Rated power input	W	1269	1222
	Rated current	A	5.6	5.4
	Max power input	W	1650	1650
	Max current	A	8.0	8.0
Heating	Rated capacity	W	NA	3350
	COP	W/W	NA	3.60
	Rated power input	W	NA	931
	Rated current	A	NA	4.1
	Max power input	W	NA	1400
	Max current	A	NA	5.6
Indoor air volume(Cooling/Heating)		m ³ /h	815	815/815
Annual energy consumption		kwh/year	2757	2700
CSEC		kWh	4216	3963
SEER		Btu/(W.h)	10.05	10.25
SEER Energy class			D	D
Pressure	High(DP)	MPa	4.5	4.5
	Low(SP)	MPa	1.9	1.9
Indoor noise level at cooling	Super	dB(A)	46	46
	High	dB(A)	43	43
	Med.	dB(A)	38	38
	Low	dB(A)	33	33
	Quite	dB(A)	28	28
Outdoor noise level		dB(A)	52	52
Net dimensions (W x Dx H)	Indoor		920×306×195	920×306×195
	Outdoor		817×328×553	817×328×553
Packing dimensions (W x D x H)	Indoor		990×380×265	990×380×265
	Outdoor (without piping)		858×321×585	858×321×585
	Outdoor (with piping)		858×356×585	858×356×585
Net weight	Indoor	Kg	11	11
	Outdoor	Kg	28	29
Gross weight	Indoor	Kg	13	13
	Outdoor (without piping)	Kg	32	33

	Outdoor (with piping)	Kg	33		34
Stuffing qty	40'HQ (without piping)		236		236
	40'HQ (with piping)		216		216
Moisture removal		Liters/h	1.2		1.2
Compressor	Type		Rotary		Rotary
	Brand		Rechi		Rechi
Evaporator			Hydrophilic & Louver Fin; Innergroover tube type φ7		Hydrophilic & Louver Fin; Innergroover tube type φ7
Condenser			Louver or Corrugated Fin; Innergroover tube type φ5 or φ7		Louver or Corrugated Fin; Innergroover tube type φ5 or φ7
Expansion device			Capillary tube		Capillary tube
Defrosting system			Microcomputer controlled reverse system		Microcomputer controlled reverse system
Fan System					
Indoor fan type			Cross flow		Cross flow
Indoor fan motor		brand	Weling/Broad-ocean		Weling/Broad-ocean
Indoor fan speed H/M/L	Cooling	rpm	1360/1230/1130/870/800		1360/1230/1130/870/800
	Heating	rpm	NA		1250/1150/1000/860/800
	Dry	rpm	860		860
	Sleep	rpm	870		860/870
Outdoor fan type			Propeller		Propeller
Outdoor fan motor		brand	Weling/Broad-ocean		Weling/Broad-ocean
Outdoor fan speed		rpm	860		860
Connections					
Connecting Pipe	Gas	Inches	Φ12(1/2")		Φ12(1/2")
	Liquid	Inches	Φ6(1/4")		Φ6(1/4")
Connecting Wiring	Size x Core number				
DraiN.Age Pipe			O.D 16mm		O.D 16mm
Suitable area		m ²	15~23		15~23