

Technical Specifications			
Model		18K	
Type		Heating Pump	
Climate type		T3	
Power supply		230V~1 Phase/ 60Hz	
Voltage Range		V	198~264
Refrigerant		kg	R410A /1.470 kg
Cooling T1	Rated capacity	Btu/h	18200
	Rated capacity	kW	5.34
	EER	Btu/h/W;	12.00
	EER	W/W	3.52
	Rated power input	W	1517
	Rated current	A	6.8
	Max power input	W	2700
	Max current	A	14.5
Cooling T3	Rated capacity	Btu/h	16000
	Rated capacity	kW	4.68
	EER	Btu/h/W;	8.50
	EER	W/W	2.49
	Rated power input	W	1880
	Rated current	A	8.4
	Max power input	W	2700
	Max current	A	14.5
Heating	Rated capacity	W	5000
	COP	W/W	3.55
	Rated power input	W	1408
	Rated current	A	6.3
	Max power input	W	2700
	Max current	A	14.5
Indoor air volume(Cooling/Heating)		m ³ /h	1200
Annual energy consumption		kwh/year	4096
CSEC		kWh	6237
SEER		Btu/(W.h)	10.20
SEER Energy class			D
Pressure	High(DP)	MPa	4.5
	Low(SP)	MPa	1.9
Indoor noise level at cooling	Super	dB(A)	51
	High	dB(A)	47
	Med.	dB(A)	43
	Low	dB(A)	40
	Quite	dB(A)	37
Outdoor noise level		dB(A)	54
Net dimensions (W x Dx H)	Indoor		1100×333×222
	Outdoor		920×380×699
	Indoor		1165×405×295

Packing dimensions (W x D x H)	Outdoor (without piping)		960x400x732
	Outdoor (with piping)		960x430x732
Net weight	Indoor	Kg	14
	Outdoor	Kg	44
Gross weight	Indoor	Kg	18
	Outdoor (without piping)	Kg	48
	Outdoor (with piping)	Kg	49
Stuffing qty	40'HQ (without piping)		146
	40'HQ (with piping)		138
Moisture removal		Liters/h	1.8
Compressor	Type		Rotary
	Brand		Highly
Evaporator		Hydrophilic & Louver Fin; Innergroover tube type φ7	
Condenser		Louver or Corrugated Fin; Innergroover tube type φ5 or φ7	
Expansion device		Capillary tube	
Defrosting system		Microcomputer controlled reverse system	
Fan System			
Indoor fan type		Cross flow	
Indoor fan motor		brand	WELLING/Broad-ocean
Indoor fan speed H/M/L	Cooling	rpm	1370/1250/1050/850/750
	Heating	rpm	1370/1250/1090/930/850
	Dry	rpm	930
	Sleep	rpm	930/850
Outdoor fan type			Propeller
Outdoor fan motor		brand	Weling/Broad-ocean
Outdoor fan speed		rpm	890
Connections			
Connecting Pipe	Gas	Inches	Φ12(1/2")
	Liquid	Inches	Φ6(1/4")
Connecting Wiring	Size x Core number		
DraiN.Age Pipe			O.D 16mm
Suitable area		m ²	20~35