

Technical Specifications			
Model			30K
Type			Heating Pump
Climate type			T3
Power supply			230V~1 Phase/ 60Hz
Voltage Range		V	198~264
Refrigerant		kg	R410A / 2.000 kg
Cooling T1	Rated capacity	Btu/h	27600
	Rated capacity	kW	8.10
	EER	Btu/h/W;	12.20
	EER	W/W	3.58
	Rated power input	W	2262
	Rated current	A	10.1
	Max power input	W	3600
	Max current	A	18.0
Cooling T3	Rated capacity	Btu/h	23300
	Rated capacity	kW	6.84
	EER	Btu/h/W;	8.70
	EER	W/W	2.55
	Rated power input	W	2670
	Rated current	A	12.0
	Max power input	W	3600
	Max current	A	18.0
Heating	Rated capacity	W	7000
	COP	W/W	3.70
	Rated power input	W	1892
	Rated current	A	8.5
	Max power input	W	3600
	Max current	A	18.0
Indoor air volume(Cooling/Heating)		m ³ /h	1700/1700
Annual energy consumption		kwh/year	6107
CSEC		kWh	8958
SEER		Btu/(W.h)	10.35
SEER Energy class			D
Pressure	High(DP)	MPa	4.5
	Low(SP)	MPa	1.9
Indoor noise level at cooling	Super	dB(A)	54
	High	dB(A)	52
	Med.	dB(A)	48
	Low	dB(A)	43
	Quite	dB(A)	41
Outdoor noise level		dB(A)	60
Net dimensions (W x Dx H)	Indoor		1277x360x271
	Outdoor		953x433x808
	Indoor		1332x437x350

Packing dimensions (W x D x H)	Outdoor (without piping)		1020x475x845
	Outdoor (with piping)		1020x475x845
Net weight	Indoor	Kg	21
	Outdoor	Kg	60
Gross weight	Indoor	Kg	29
	Outdoor (without piping)	Kg	64
	Outdoor (with piping)	Kg	67
Stuffing qty	40'HQ (without piping)		97
	40'HQ (with piping)		97
Moisture removal		Liters/h	2.8
Compressor	Type		Rotary
	Brand		Highly
Evaporator		Hydrophilic & Louver Fin; Innergroover tube type $\phi 7$	
Condenser		Louver or Corrugated Fin; Innergroover tube type $\phi 5$ or $\phi 7$	
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	1280/1170/1010/890/830
	Heating	rpm	1280/1170/1010/890/830
	Dry	rpm	890
	Sleep	rpm	890/890
Outdoor fan type			Propeller
Outdoor fan motor		brand	WELLING/Broad-ocean
Outdoor fan speed		rpm	810
Connections			
Connecting Pipe	Gas	Inches	$\Phi 19.05(3/4")$
	Liquid	Inches	$\Phi 9.52(3/8")$
Connecting Wiring	Size x Core number		
DraiN.Age Pipe			O.D 16mm
Suitable area		m ²	50~70